

A
REPORT
ON THE
KEYES MINE
NEAR
VIRGINIA CITY, NEVADA,
OWNED BY THE
BELMONT UNCLE SAM MINING COMPANY.
FOR
: H.E. EPSTINE
BY
R. J. KING, E.M.

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MAPS & CROSS SECTIONS.

- a. Property Map
- b. Map, or Plan, of the 300-Foot Level.
- c. Map, or Plan, of the 400-Foot Level.
- d. Cross Section A-B:

Passing through Winze on the 300 and the Raise
Started recently on the 400-Foot Level, for
connection.

- e. Cross Section C-D:

Passing through Shaft along Line having Course-
N.60°W.- S.60°E., showing Brunswick Lode, its Pro-
jected Apex, and the Belt of Extreme Rock Decom-
position Carrying Vein Float.

LETTER OF SUBMITTAL.

Berkeley, California,
July 12th., 1929.

H.E. Epstine, Esq., Stockholder,
Belmont Uncle Sam Mining Company
372 Bush Street
San Francisco, California.

My dear Sir:

At the request of Charles Myers, Esq., Treasurer of the Belmont Uncle Sam Mining Company, I have prepared and compiled a report on the Keyes mine of your company, situate near Virginia City, in Storey County, Nevada, and I herewith hand you your copy.

Very truly yours,



Mining Engineer.

REPORT ON THE KEYES MINE.

INTRODUCTORY:

At your request, I visited the Keyes mine of your company, near Virginia City, Nevada, for the first time on May 23, 1929, for a cursory inspection of the property, but more particularly to cut-sample the ore then showing in the face of the north drift on the Hanging-Wall vein on the 400-Foot level. The breast of the drift was mostly in ore, and it was equi-spaced for three samples which were cut by me, and assayed by Abbott A. Hanks, Inc., San Francisco. The results obtained were:

<u>MARK</u>	<u>WIDTH</u> (Feet)	<u>ounces</u>	<u>GOLD</u> <u>value</u>	<u>ounces</u>	<u>SILVER</u> <u>value</u>	<u>TOTAL VALUE</u>
A-----	4.1----	0.63----	\$13.02---	16.47----	\$9.88-----	\$22.90
A-1-----	2.2----	0.27----	5.58---	8.63----	5.17-----	10.75
A-2-----	2.4----	0.28----	5.78---	8.52----	5.11-----	10.89

Gold figured at \$20.67 per ounce

Silver " " 60¢ " "

Again, at your request and under a special arrangement with you, I visited the mine on June 22, 23, and 24 for the purpose of obtaining additional data on ore, vein and structural conditions that would better establish their relationship for an efficient development of the property, and to point out certain major conditions which, in my opinion, would establish the property's capabilities of developing into an ore producer of satisfactory size.

Before proceeding further, however, I shall remark briefly on location, altitude, how reached, property holdings, and on a comparison of the Comstock and the Brunswick (Occidental) lodes: The Keyes mine is situate on the east slope of Seven-Mile canyon, in the Silver Star Mining District, the near easterly sub-division of the Comstock mineral zone, in Storey County, Nevada, at an altitude of 5,500 feet above sea-level. The camp is easterly, $1\frac{1}{2}$ miles, from

Virginia City; 33 miles south-southeasterly from Reno; 19 miles north-easterly from Carson City, Nevada. It is easily reached by good auto roads and highways from these three cities. The Virginia & Truckee railroad, operating daily out of Reno to Virginia City, gives splendid freight and passenger service.

The property consists of two patented lode claims side-lining each other, namely: The "Silver Eagle" and the "Virginia Standard", both U.S. Patent Survey No. 3757, comprising 40 acres. The Belmont Uncle Sam Mining Company owns these two patented lode claims in fee-simple.

The "Silver Eagle" claim embraces a section of the Brunswick (Occidental) lode for, at least, 1,500 feet along its strike and, the "Virginia Standard", embraces a section of the mineral belt of extreme rock decomposition carrying vein float, of equal length. Both claims are perfect in a legal sense, in that, each claim's end and side lines, respectively, are parallel, and it is my opinion both claims enjoy extralateral rights unconditionally. See Map No. 1 and Cross Section C-D.

Now, getting back to my interpretation of data and impressions of the mine's ore possibilities: I place much importance upon the ore possibilities of the mineralized fracture zone existing in your property, known as the Brunswick, or Occidental, lode, together with the hanging wall country immediately adjacent and extending some 1,200-feet back, or easterly, (640 feet of which would be west of a vertical plane dropped from the east side line of the "Virginia Standard" claim and the remaining 560 feet would, also, come within the extralateral rights of both claims), because (1) of the intenseness of rock fracturing restricted to a zone some 40 feet wide, (2) of the apparent shattering of the hanging wall as evidenced by extreme faulting and fracturing, to produce in all likelihood vertical fissure offshoots that will be ore bearing, (3) of the localization of stress movements within the fracture zone, to develop, at least, two good sized channels

for the circulation of ore bearing solutions, and which we recognize today as the Hanging-Wall and the Foot-Wall veins, with their attendant ore mineralization, (4) of the easily soluble minerals of the original rock (andesite) and their known affinity for certain ore minerals, and the resultant deposition of quartz and gold-silver bearing minerals as the replacement product. This enriched quartz associated with the gangue of the vein, picked from the crude ore as broken down in the course of extending drift, assayed from \$1,000.00 to \$2,100.00 per ton. It first made its appearance in the Hanging-Wall vein in drifting north on the 400-foot level subsequent to my first visit to the mine, and although it occurs at this particular section of the vein over a range of some six (6) to eight (8) feet laterally, this is concrete evidence of the high degree of richness of which the vein is capable, (5) of the major rock movements at probably widely separated periods, to re-open fractures, to create new fractures, and to develop pre and post- mineral cross fracturing and major faulting, thus providing a means for easy circulation of primary ore bearing solutions and leaching waters that undoubtedly added to the veins' ore content through re-precipitation of secondary ore minerals, (6) of the striking similarity of ores, vein fillings, and ore making conditions, in the Brunswick (Occidental) and the Comstock lodes, the two master lodes of the Comstock District. In Monograph No.3 of the Geological Survey, on "Geology of the Comstock-Lode & Washoe District" by George F. Becker, (1882), we note this:

"This lode (meaning the Brunswick or Occidental) is plotted on " the map from distinct croppings and mine surveys, and its trace is a further remarkable illustration of the parallelism of structure so frequently referred to. Even the sinuous form of the Comstock is almost exactly reproduced in the Occidental (Brunswick) lode. Bedded flows aggregating over a mile in thickness could never have resulted in so nearly perfect a parallelism."

This mineralized fracture zone has been crosscut and drifted on over a maximum range of 200 feet along its strike on both the 300- and the 400-foot levels of your property.

SURFACE ROCKS, VEIN AND MINERAL CONDITIONS:

The surface rocks are andesitic in character, showing varying degrees of weathering and decomposition-from gritty dirt to small boulders- extending to several feet in depth.

The outcropping of the Brunswick (Occidental) lode enters the south end of the Monte Cristo claim, to the southeast of your property, with a strike of N.15° W., and maintains this course for nearly 1,500 feet to a point where it swerves through an arc of 42° for a new course of N.27° E., and disappears underneath a surface capping into your "Silver Eagle" claim. In so doing it crosses the stream bed of Seven-Mile canyon, yet here there are no visible signs of a 'cropping. However, some 500 feet easterly from the lode's point of disappearance and near the south end of your "Virginia Standard" claim a belt of extreme rock decomposition, iron stained and carrying vein float, begins and extends northeasterly (N.27° E.) for the full length of this claim and beyond. It is some 400 feet wide, and judging by the shafts, tunnels, shallow trenchings and pits dotted here and there on it, it must have been sufficiently attractive in an ore inviting way for "hardy-spirits" of the early days to take a chance.

It is not clear just what happened structurally and mineralogically to the north and east of the lode's disappearance in the Monte Cristo claim, except to indicate a close relationship between the Brunswick lode and this belt of extreme rock decomposition with its vein float, at depth to the east:and, this revelation becomes apparent in the study of underground conditions. See Map No.1 and follow to C-D Cross Section, marked "Cross Section No.2".

THE KEYES SHAFT AND WORKINGS FROM IT:

The site for this shaft was spotted on the east slope of Seven-Mile canyon, in the hanging wall of the Brunswick lode and some 50 feet down the slope from the belt of extreme rock decomposition carrying vein float.

perpendicularly, 380 feet. Each compartment is solidly lined with boards from collar to the 400-foot level, for ventilation purposes- one compartment is a downcast and the other one, an upcast, for air circulation. It was, therefore, physically impossible to inspect rock and vein conditions in the shaft. Company records, however, show the shaft entered the fault zone overlying the Brunswick lode at 210 feet, the lode proper at 230 feet, the Foot-Wall vein at 240 feet, and passed out of the lode at 260 feet. The shaft from this depth of 260 feet to the bottom (380') is in augite andesite, a dark green fine grained rock.

300 (270')-FOOT LEVEL:

Undoubtedly, the slightly mineralized cross fracture appearing in the shaft at a depth of 270 feet prompted the turning of level at this point. Cutting out station further exposed this cross fracture sufficiently that drifting on it would virtually "crosscut" the Brunswick lode, therefore, a drift was started and extended along its strike (S.50° E.). Some 15 feet from the shaft the Foot-Wall vein of the Brunswick lode was encountered. Drifts were run both north and south, the former was extended some 40 feet without developing ore, while the latter evidently found ore values at 14 feet in, as at this distance stopeing begins both above and below the level. Cave conditions prevented further inspection. The "acetylene flame" of the carbide lamp flashed into the stope above the level did not reveal its height. However, company records show this ore shoot is 20 feet long, 4 feet wide, where drifted on, and extends to the 240-foot level (now closed), with the ore stoped between levels.

Drifting on the cross fracture was extended towards the hanging wall of the Brunswick lode, and at 30 feet from the Foot-Wall vein the cross fracture ended against the foot wall of the Hanging-Wall vein, but the drift was extended as a crosscut for 24 feet to the hanging wall which proved to be the foot wall of a fault zone that was

passed through in 14 feet of crosscutting to what I term the true hanging wall of the Brunswick lode.

A south drift was started on the Hanging-Wall vein and extended in a southerly direction along the foot wall. A few feet in, the faulted segment of the cross fracture appeared, showing it had been displaced southerly along the footwall, about 8 feet, thrown out of course and steepened slightly, reopened possibly as a good healthy extinct water course is now visible. The vein immediately adjacent to and to the south of this cross fracture for 20 feet is hardened with ore quartz for a width of four (4) feet, and its average value is estimated at \$25.00 per ton, six (6) inches of which on the hanging wall will assay on an average of \$70.00 per ton. Your company sank a 40-foot winze on this ore in accordance with expert mining engineering advice and upon the condition that the ore showing thus revealed would or would not justify another "lift" to the Keyes shaft. Evidently, the strength of ore conditions was satisfactory as subsequently the Keyes shaft was sunk 110 feet and the 400-foot level turned at an additional depth of 90 feet. On both of my visits to the mine, there was some 20 feet of water in the winze, and the ore conditions described above are what can be seen and studied above the water. An outstanding structural condition noted is the ore cutting across the cross fracture below the level while on the level and above the ore "bears away" from it. This condition can be interpreted as indicating the direction of rake of the ore shoot, which would be to the north. The ore is stoped above the level- just how far was not determined due to the looseness of hanging wall rock in old workings on the vein that had been under water for a long period.

This south drift continues beyond the ore in an attempt to follow the foot wall which seems to grow weaker until it finally fades out in a 40-foot stretch beginning some 10 feet from the ore shoot and ending against an east-west cross fracture, dipping 18° from the hor-

horizontal, along which faulting developed. Beyond this cross fracture-fault, the foot wall re-appears but with its dip reversed and much steeper (60°). From here, to caved ground-a distance of 30 feet-multiple cross fracturing prevails, with no hanging or foot wall in sight. See Map of 300-Foot Level. The total length of this south drift is given at 200 feet. Post mineral cross fracturing and faulting have so juggled, twisted, and distorted this Hanging-Wall vein for at least 180 feet out of the 210 feet of total vein disclosure along its general strike, by crosscut and drift, as to cause almost a loss of identity. Were it not for the toughness and hardness of that segment of the vein carrying a large percentage of ore quartz, no doubt it would have suffered a like fate.

Using a dip of 31° from the horizontal, the calculated width of the mineralized fracture zone, or Brunswick lode, where cut on this level, is 40 feet; and, the combined width of the ore bearing portion represented by the Hanging and the Foot Wall veins is from 8 to-12 feet. This gives a wide latitude for the expectancy of additional ore widths as the mine is opened up both laterally and vertically.

A former operator crosscut the foot wall country west of the shaft, on this level, for a distance of some 340 feet, according to an old map left behind. This record shows the formation passed through in going $S.70^{\circ} W.$, was a comparatively fresh augite andesite. This crosscut is now fitted with a concrete dam placed some 15 feet back from the shaft, and is used for a water reservoir. See Map of the 300-Foot Level.

The average strike of the mineralized fracture zone, or Brunswick lode, on this level is $N.25^{\circ} E.-S.25^{\circ} W.$

400 (360')-FOOT LEVEL:

NOTE: The 300 and the 400-Foot individual level plans, accompanying this report, are so arranged that the shaft section of the 300 is placed upon the shaft section of the 400 and the two levels oriented with respect to each other.

With ore conditions disclosed by the 40-foot winze, sunk on the Hanging-Wall vein, from the 300-Foot level, amply justifying another "lift" to the Keyes shaft, said shaft was deepened, and the 400-Foot level turned for an additional depth of 90 feet, or for a total depth from the shaft collar (surface) of 360 feet. Using the ore rake disclosed by the winze and other factors necessary for a computed projection of this ore shoot to the new level ninety (90) feet perpendicularly below, its projected position was thus established, and a crosscut started from the shaft station on a S.60° E. course, to intercept it. At 146 feet in, the foot wall of the Brunswick lode, or the mineralized fracture zone, (dipping 31°) was reached. The formation passed through is a dark green fine grained rock (augite andesite). Some minor fracturing was noted in this crosscut, but it is of little or no importance. This crosscut, with its course changed to S.72° E. was extended 78 feet from the foot wall, to the hanging wall of the lode. Of this 78 feet, the first 41 feet from the foot wall are in silicious andesite with veinlets and bunches of quartz ending against a strong (water course) cross fracture that strikes N.50°E. and dips 40° S.E.; the next 19 feet, in nearly solid quartz, some which is ore quartz with blotches of ore minerals; the next 7 feet, in shattered andesite in varying degrees of alteration, recemented, giving the appearance of breccia; the next 11 feet, to hanging wall, a fault zone of dark clayey material. The hanging wall strikes N.10°E.-S.10°W. and dips 30° S.E.

The south drift starts on a wall near the true foot wall of the lode and follows it for some 30 feet, but as this wall diverges rapidly from the general course of the true foot wall, the drift took a south-southwesterly course irrespective of a wall to follow, for 27 feet, where it encountered N.W.-S.E. cross fracturing, and continued 25 feet further, was stopped in a series of N.W.-S.E. cross fractures. This drift is 82 feet long, and developed no ore.

At the time of my last visit, a raise had been started from this south drift, 25 feet in from the main crosscut, to connect with the bottom of winze sunk on ore from the 300-Foot level. On June 24th., it was 21.5 feet above the level floor, and had 88 feet to go on a 27° angle to connect. This raise will serve two major purposes when completed, namely: (1) Ventilation, and air circulation through a portion of present workings, (2) Provide an exit, other than the shaft, from the 400-foot level to the 300-foot level, as required by State law for mine levels below a vertical depth of 350 feet from the surface.

However, I doubt the wisdom of spotting this raise on barren vein matter at a point some 100 feet south of the nearest ore development on the 400-foot level for the reason that the completed raise will be almost at the extreme south end of an ore shoot which is pitching north, and in this event the bulk of the ore would be to the north of and away from the raise, with an intervening block of waste in between. Such a raise should be within the ore shoot, and so located, would provide for a maximum overhead stoping of ore with its accompanying "gravity handling" of the broken ore to the level below. With a decision to raise at this time, it should have been started on the strongest ore showing in the north drift and continued as a pilot raise in ore development, and upon attaining a height corresponding to the 300-foot level make a connection with the nearest opening on said level.

The north drift on this level starts opposite the south drift, and follows the same wall northerly, yet 10 feet in its course turns sharply to the east and 23 feet further the drift intercepts the Hanging-Wall vein in a broken up condition, but giving up spotty values. The wall now has ~~now~~ made nearly a half-circle swing and is striking at right angles to the lode, and the drift extended 15 feet along it encounters a N.W.-S.E. cross fracture striking N.24°W., -S.24°E. and dipping 68° S.W. Work in this face was stopped, and a drift started southerly, where values appeared best, and extended 12 feet. This drift was

stopped, also, and a north drift started opposite. At 8 feet, the cross fracture previously encountered, was reached and passed through. The Hanging-Wall vein on the north side of this cross fracture becomes regular, with hanging and foot walls well defined, blotches and specks of ore minerals come in with the appearance of ore quartz, and 25 feet beyond the hanging wall of the cross fracture (measured along course of drift) ore of excellent grade appears in bottom of drift "capped" with a $\frac{1}{2}$ inch brownish quartz seam striking across drift and rising as the drift proceeded. At the time I cut sampled the face of this drift, this seam was in upper right-hand side of drift, had swung to a course parallelling the vein's hanging wall and dipped 55° from the horizontal. This ore showing is 25 feet long as disclosed by drift, and the first 17 feet assays from five (5) to fifty (50) dollars per ton, while the remaining eight (8) feet, ten (10) to two thousand one hundred- (2,100) dollars per ton. Without cut sampling this ore in floor of drift over its entire length, but using the results I did obtain, together with the mine assays, my estimate is an average value of \$27.00 per ton and an average width of 4 feet. This "average width" is average width of drift, yet the cutting out work shows a width of 6 feet. The last five feet of drift, including the present face, shows low values, but it is my opinion the brownish quartz seam swung to the left and, with drift following the hanging wall, the present face is in low grade material between the ore and the hanging wall. These enrichments can be expected in any part of the lode, and there is nothing to prevent them "jumping" from one part or section of the lode to another as is often the case in wide fracture zones like this one, particularly is this true in sheer zones, and more or less sheering is always present in fracture zones of this type.

MINE VENTILATION:

On the 400-foot level, where there is no circulation of air a short distance from the shaft station, the ventilation is virtually

211, resulting in this level being quite warm a short distance from the shaft. The "dead" inactive air has a high humidity, and taken into the lungs of the miners soon saps them of working energy. This condition can be eliminated at a small cost by the installation of 8"-galvanized iron pipe, with tightly wrapped joints, from the upcast compartment of the shaft along roof of level workings to but within a short distance of the blind heading to be ventilated. In this manner the "dead" air is taken out through the pipe by suction and is replaced by fresh or surface air coming down the downcast compartment of the shaft and passing through the level workings to the working place to be ventilated. Such a circulation of air is constant-working day and night-without cost. It might be well to insert "booster" jets from the compressed air line into the ventilating line to increase suction immediately following blasting.

MINE ORES:

Quartz carrying finely disseminated black silver sulphide (argentite) and a pale gold (argentiferous gold) is the predominating ore in your mine. There are also present other minerals of silver, copper, zinc, and lead, but to a very much lesser degree.

The ore quartz is easily distinguished from the gangue material of the vein, and can be sorted from it without difficulty and at a small cost per ton sorted. This sorted ore will run in value from forty (40) to two hundred (200) dollars per ton, to make a good shipping product.

RECOMMENDATIONS:

I recommend: (1) That crude ore coming from development be sorted on reaching the surface for the purpose of producing a shipping product. To do this efficiently and in all kinds of weather an inexpensive ore sorting house is needed and should be built without delay. Suggested capacity is 50 tons for the bottom bin that will contain, or receive, the ore ready for market. Estimated cost: \$500,

(2) That the present ore showing in the north drift, 400-Foot level, be further developed both along and above the level, (3) That the north drift, 400-Foot level, be extended for the full length of the Brunswick lode in your property, (4) That all "likely looking" cross fractures cutting across the course of this pilot drift be thoroughly developed to the foot wall of the lode, or the mineralized fracture zone, and into the hanging wall country, for at least 600 feet, which is virgin ground that is most promising for the discovery of ore bodies of bonanza richness, (5) That additional equipment, which I consider quite essential, be purchased. It consists of, 1 Drifter (Compressed air rock drilling machine) and accessories; 1 Drill Sharpener, with complete equipment for 7/8" and 1" steel; 1 late model Motor (50hp) for hoist. Estimated total cost; \$1,600.00.

SUMMARY:

- (a) The Keyes mine workings are in the fringe of the ore zone of your property;
- (b) The 400-Foot level is a good depth for extensive lateral development;
- (c) Favorably mineralized cross fractures will be intercepted and passed through in the course of extending pilot drifts in the Brunswick lode, and they should be fully developed into the hanging wall country where I expect ore bodies of bonanza proportions will be found. Drifting along these cross fractures is a substitute for "crosscutting" at intervals. The mineralization on the cross fractures is connected with the ores, and by following it the amount of dead work always necessary to reach new ore bodies is therefore brought to a minimum;
- (d) Additional "lifts" to the shaft will follow through necessity as pioneer development of the ore zone is done from the 400-Foot level.

DATED:

Berkeley, California,
July 12th., 1929.

Respectfully submitted,


Mining Engineer.

Walt,

I have just gone through this report that you have given me. I don't believe this has any bearing on the fringing mineralization to the mined zone on the Monte Christo which we have been exploring. These veins have the wrong attitude and strike for the Monte Christo structure. They are probably gash veins off the Monte Christo fault zone and probably are located on the lower reaches of the steep faults I mapped in the tunnels we opened this summer. The faults are barren of gold silver in the tunnels. Two things seem pretty obvious from this report- 1. the narrow steep mineralized veins have been stoped out long ago- probably why the Uncle Sam operation folded. 2 They had to cut the Monte Christo fault zone at the bottom of the shaft and may have gone all the way through it. Obviously there was no ore in it. This sort of bears up the data we have developed by the poorly mineralized holes between the Keyes shaft and the line of holes MCD 13, 21, 19. It looks to me as if there was a small high grade dumping zone in the structure where it has been mined and we'll have to do a hell of a lot of deep drilling down dip to find another. This is probably unjustifiable until the prophecy of \$ 1000/50- gold silver comes true.

RFR

JAY A. CARPENTER, DIRECTOR
B. F. COUCH, SECRETARY

Bureau



of Mines

No. 294
BOX C, UNIVERSITY STATION

MACKAY SCHOOL OF MINES
RENO, NEVADA

THE HISTORY OF THE COMSTOCK MINES

KEYES

The Keyes claim was located on the east side of Seven Mile Canyon adjoining the Monte Cristo claim.

A shaft was sunk to a depth of 250 feet, encountering small streaks of ore. After driving north and south drifts on the 250 level, a winze was sunk to the 300 level. Crosscutting east and west from the north and south drifts driven on the 300 levels is reported to have exposed a quartz vein 60 feet wide. A two foot section along the footwall was also reported to be "rich ore". Some ore was produced from that section of the vein in 1888.

Recorded production 1933: 550 tons, \$3,934; average per ton \$7.15. .35

1933 production was by the Uncle Sam Mining Company.

HOLE #: DH-1 . LOCATION: _____

LOGGED BY: RG DATE: 10-12-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic. CaCO_3	ALTERATION	FeOx	FeS ₂	STRUCTURE
										4 c. a.
30				30						
35	2		Gravel							
40										
45	3									
47										
50	4									
55										
60				60						

PROJECT: Monte Christo HOLE #: DH-1 LOCATION: _____

LOGGED BY: RGC DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		
60				60							
	4		Qal								
		h. broken	Qal-C(?)								
65				65							
		h. broken									
	5										
		h. broken									
70				70							
		h. broken									
75				75							
	6										
		h. broken									
		broken									
80				80							
85				85							
	7										
90				90							

Blended lotary porous h. clay altered andesite (?) frags
(no remnant porphyritic texture) cemented by
sand - "C" horizon of soil

Highly argillized, bleached, h. limonite stained
h. fractured to brecciated porphyritic andesite

grey clay w/c. f. pyrite 774-779

mod-str argillized por andesite w/ calc plagioclase
phenocrysts (→ clay)

80-83 mod argill. mod broken por andesite

h argillized sheared brecciated andesite

mod argill. v. h. fractured por andesite

strong
lime

mod. str
limestone

strong
argill.

strong
argill.

v. str
lime

strong
lime

23. v. f. dissem
gauge & 65° c.a.
v. h. fract

mod. limonite
(dk brown)
goe. dom

mod fract.

intensely fract/shear
40° c.a. & 84° c.a.

strong
repl. in
gouge
and frags

strong
moderate
strong

strong
replac.

PROJECT: Monte Christo

HOLE #: AH-1

LOCATION:

LOGGED BY: RGC

DATE: 10-18-88

FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic. CaCO_3	ALTERNATION Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
90	7			90	v.b. fractured/sheared, mod. argillized, strongly porphyritic por. andesite	↑ mod. repl. field + 25 thin fractures coatings	↑ mod strong	mod limonite		v.b. fractured/ sheared
95	8			95						
100				100	intensely clay altered - porous calcareous grey clay intensely sheared / finely brecciated	v. strong in clay	intense		+	
105	9			105						
110		h. broken broken		110	stk. porphyritic por. andesite, w/ clay, mod. st. fracturing	stk. repl. of propyl	strong		+	shear @ 30° c.2.
115	10			115						
120	11			116-121 4	h. clay altered sheared andesite	mod ↑ v. strong	↑ strong		veinlet	py veinlet @ 45° 113°

PROJECT: Monte Christo HOLE #: DH-1 LOCATION: _____
LOGGED BY: RGC DATE: 10-18-99

FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
120				120	h. argill. sheared andesite		v. str	v. str		strong brown argill.		shear @ 2500 ft - 1210
125	11			125	strongly propyl. andesite		strong replacement + thin fract fillings	weak	strong			
					intensely clay altered sheared andesite			intense				
130				130	propyl. andesite			wk	strong			shear @ 600 c.a.
	12				137-120' clay gouge		v. str	gouge	strong	strong greenish on fract		
					propyl. andesite			wk	strong			
135				135	propyl. andesite			intense				
		breccia 135-141'			highly argillized, soft sheared andesite		v. str	v. str				
140		40% recovery 136-141'		140	propyl. andesite							
	13			140	propyl. andesite		sk. repl + small clots		strong	strong brown argill.		
					142-144' h. argill. sheared, bleached andesite		fracture clay fillings	v. str				
145				145	propyl. andesite			strong	strong			
					relatively fresh andesite breccia - clasts of fresh por. hornblende andesite in finer grained less mafic matrix							
150	14			150								

PROJECT: Manta HOLE #: DH-1 LOCATION: _____
LOGGED BY: RSC DATE: 10-19-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE & c. a.
180				180	mod. gray por. andesite					
	17			185	sheared / fractured and - ore argillized andesite		strong repl. clay mod. str.			
				186.3-190.3	brecciated andesite w/ reddish-purple hematite stain matrix		small clasts by filling	mod. str. hem. stained matrix		- shear plane 0-50°
	18			190			mod. str.			
				195	breccia - sheared / strongly brecciated argillized por. andesite				1-2% fresh diss. v. l.	
	19			200	intense bx 195.3-196.3 gray clay gouge 197.3-198° 198°-198.5 microbreccia w/ clay matrix 198.5-199.7 breccia w/ clasts of white quartzite calcite vein str. argillized, v. h. fractured stockwork - veined andesite w/ 10-15% white qtz-calcite veinlets 200.3-203° microbx w/ light gray clay matrix + silica and clasts		strong v. str. v. str. v. str. stockwork v. str. stockwork v. str. stockwork v. str. 5-10% combined calc. qtz (20.1% qtz) silica flood Breccia Vein		2%	
				205	stockwork andesite - locally a breccia w/ qtz-calcite matrix overall 7% veinlets ave 1/8 inch (calcite > qtz - diatomite or ankerite) partially silica - flooded stockwork veined w/ some vuggy vms 206-210° strongly limonite stained vuggy crystalline quartz vein breccia				2-3% diss. v. l.	
	20			210					4-14% in qtz 23% in and. frase	

PROJECT: Monte Christo HOLE #: DH-1 LOCATION: _____
LOGGED BY: R.G.G. DATE: 10-19-28

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay			
240		2400 ↓		240	mod. stockwork						
	24		□ v □ Tabx		weak stockwork veining 2-5 veins/ft	weak stockwork	weak ppt.	mod.			
245			□ v	245			weak stockwork				1/4 inch in 35°
250			□ v v								1/2 inch in 35°
	25		□ v v v	250	Propyl andesite (lower) - inclusions of older interbed volcanics - cut by occasional (c. 12/ft) thin gt-calcite veins		occasional thin gt-calcite veinlets			tr-1/2%	
255		solid core	□ v v	255							
260			□ v v Tabx	260							
	26		□ v v								1/4 inch in 35°
265			□ v v	265							
	27	broken	□ v v								
270				270							

PROJECT: Monte Christo HOLE #: DH-1 LOCATION: _____
 LOGGED BY: RGc DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic. CaCO_3	ALTERATION Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
0		No Recovery		0							
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Overburden - gravel w/ pebbles / consists of
andesite + quartz

strong
goethite

Q₂

PROJECT: Manto Chert HOLE #: DH-1 LOCATION: _____
LOGGED BY: RGC DATE: 10-19-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
270				270		Silic.	CaCO ₃	Clay			
		split (9' core) (267-275)	^ ^ ^		2 inch gk veined zone						1/8" gk calc. in 75'
	27	split	^ ^			1/8" calc. in 275'					1/2" gk calc. in 280'
			^ ^	275	black propyl. mineral. inclusions cut by 1/2" gk calc. vein (1.5 ft), minor barite at vein				tr-1%		1/4" gk calc. in 285'
			^ ^	280							
	28		^ ^						15%		
			^ ^	285							
			^ ^			1/4" gk calc. in					
			^ ^	290							1/4" gk calc. in 75'
	29		^ ^								
			^ ^	295							
		296-297 split (.008, .04)	^ ^		calcite - gk veining ~ 15'	1/2" calc - gk vein					1/8" gk calc. in 300'
			^ ^	300							

PROJECT: Monte Vista HOLE #: 74-1 LOCATION:
LOGGED BY: RGZ DATE: 12-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
300				300					
	30				wk-mud propyl and peroxide andesite w/ few thin white gr-calcite veinlet	1-2 salt/ft		tr	
305		304.3-305.5 (TR, 0.5)		305	304.3-305.5 of mineral zone - 306.5 1/2" gr-calc. vein w/ pyrite, selena	- 3 1/2" mass of silica			- 1/2" gr-calcite 550
310	31				wk-mud propyl andesite breccia - cut by few thin white gr-calcite veinlets				
315		split		310	mod. stockwork veining 310-315				- 1/2" wiggly gr-calcite 550
320	32			315	mod. stockwork			tr	
325		broken 325-325		320	322-326 stockwork veining 320-325	- wiggly gr-calcite stockwork of - slate			
330	33			325	wk-mud propyl-par-andesite (bx) w/ occasional white gr-calcite veinlet	wk repl + veinlets		2% dissemin + 1-2% veinlets	

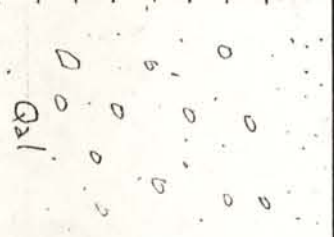
PROJECT: Made Christ

HOLE #.: DH-1

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION	FeOx	FeS ₂	STRUCTURE
						Silic. CaCO ₃ Clay Propyl			* c. a.
330	33			33-		1/2" vugy qtz			9ft un @ 55"
					330'-333' strong stockwork veining	wk red			
						wk mod			2-3' @ 150
						mod-st			st py in bx 4th layer
335	34			335	335-335.5 brick red hematite epithermal silica Jasper	fractured			
					4th blocky propyl. por-phn andesite 334'-337'	3/8" qtz-alk unit			2-3' - 3/2" qtz-alk un @ 50"
340				340					
345	35			345	wk-mod propyl. por-phn andesite cut by few qtz-alk veinlets				
350				350					1-2' c
355	36			355	1/2-1/4" qtz-alk-andesite unit w/ black sil				9ft-alk-ep 4th unit @ 150
					* epithermal envelope ~ 1' wide				3/8" qtz-alk @ 70
358 1/4	37	T.D.							
360				360					

PROJECT: Monte Christo HOLE #: MCD-2 LOCATION: _____

LOGGED BY: R. G. Cuffney DATE: 10-17-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay			
30	1	Box 1 start 6.28' (no recovery) 9-28		30	sand						
35				35	gravel						
40				40							
45	2			45	sand						
50				50							
55				55	gravel						
60		59-66-5% FeOx		60							

PROJECT: Monte Christo HOLE #: MCD-2 LOCATION: _____
 LOGGED BY: R G Cuffey DATE: 10-17-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay	Propyl		
90				90	argillaceous, highly fractured andesite		strong replacement	strong			highly fractured zone
					v. strong clay altered, crumbly, soft, porous andesite - sheared, brecciated			v. strong			↑ shear zone
					clay - gouge or near total argillization 93-94			intense			
95	5			95	sheared to brecciated por. andesite - argillized, bleached			h. str.			trace
98					strongly porous, highly fractured andesite, h. fractured to locally brecciated			strong			trace
100	6			100			strong calcite replacing plagi.	moderate			trace
					finely brecciated zone w/ intense clay			intense			trace
					str. propyl + mod argill. andesite - h. fractured		strong repl.	mod			
105				105	104 ⁶ -108 ³ fine breccia w/ v. str. clay		weak	intense			shear/specific zone
											1-2% 10%
110				110	v. h. fractured to brecciated / sheared porphyry andesite, v. strong clay alteration		strong repl.	strong			
					111-113 ² intensely clay altered micaceous			intense			
115	7			115	h. fractured to brecciated argillized & porphyritic andesite, andesite sheared w/ white calcite matrix		v. strong white calcite replacing plagi.	strong			
							moderate/matrix				
120	8			120			h. breccia				

PROJECT: Made Chisholm HOLE #: MCB-2 LOCATION: _____
LOGGED BY: RGC DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
120	8			123	120-123 andesite breccia (flow by?) poorly porphyritic andesite flow in red breccia, porphyritic matrix		mod. str. 10% plagi.	weak	strong in matrix fine scale halo - 2 eps		shear @ 60°
125				125							
130	9	badly broken 126-128		130	128-129 moderately porphyritic andesite plagioclase + clay + feldspar, overall strongly fractured sheared/bx @ 132-133 - 134-134		mod. str. weak				
135		badly broken		135	135-136 h. argillized shear			intense			
140	10	badly broken 139-143		140	136-139 andesite breccia w/ hematite, porphyritic andesite matrix		mod.				
145	11			145	142-143 sheared/brecciated andesite		mod.	strong			
150				150	shear zone - intensely clay-altered, soft, finely brecciated, andesite		mod.	intense			intense staining

PROJECT: Manta Chichas HOLE #: MCD-2 LOCATION: _____
LOGGED BY: RSC DATE: 10-19-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay			
150	11				Shear Zone - intensely brecciated, intensely clay altered, mod. and. andesite		mod. str (stronger in part) lx malin	intense	mod	2-3" (locally up to 2")	
155	12										
160		badly broken 1595-161					mod repl + minor white calc. in fract.		strong	2-3" stronger in rims of lithic inclusions	2 1/2" shear cut + 2 1/2" c.s.
165	13				porphyritic porphyritic andesite w/ few lithic clasts, mod. fract.		12" vein				2 1/2" calcite vein c. 2167' shear contact E. 40'
170		solid core			h. sheared, intensely argillized porphyritic andesite						
175	14						mod str replacement		mod	2 1/2"	
180					mod. sheared, mod. str argillized por. andesite						

PROJECT: Monte Cirato HOLE #: MOB-2 LOCATION: _____
LOGGED BY: R G C DATE: 10-17-98

FEET	BOX #	REMARKS	GRAPHIC	FT	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
					Silic.	CaCO ₃	Clay	Propy			
240				240							
		242-247	T ₂		5-8%	5-7%		strong		2-5% dissolved in veins to 10%	
		2003 Au 201 Ag	wk calcite-gr stockwork								
245	21			245							
		split	T ₂								
		248-253 ² (339 Au, 13 Ag)									
250		broken zone T.O. 253 ²	intense quartz veining	250				strong		2-3% dissolved	stockwork veining

PROJECT: Monte Christo HOLE #: MCD-3 LOCATION: _____
 LOGGED BY: RSC DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
60	3			60								
65		2 nd rev		65								
70		0 th ft rev		70								
75	4			75								
80		2 nd rev		80								
85				85								
90				90								

cobbles to 2 1/2" gravel

fine poorly sorted brown sand to granule gravel

gravel

strong
gastrolite

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
90	4			95	Rubble zone - badly broken pieces of various intermediate plagioclase, 1144 or no fine fraction (matrix)						
95	5 3/4			95	qtz-298 a fact to brecciated purple porphyritic andesite		strong repl of plagi	wk	mod - pl of hdl		
100				100	fully brecciated limonite stained andesite						
105				105	lt ggy clay matrix microbreccia w/ fine clasts of white quartz calcite vein	small clasts in bx	mod st in clay	intense	st	tr-wk limonite	trace
110				110	105-106 brecciated qtz-calcite vein w/ clay	qtz-calcite vein / breccia		stems			
115				115	No core						
120				120	~ 55" white quartz-calcite vein w/ and frags of 55" purple andesite pieces includes one 4" piece of qtz vein	Quartz-calcite veins			st propyl and. clasts		
125				125	No core						
130				130	sheared quartz-calcite vein - abund small fragments in clay matrix	Quartz calcite vein	st in clay	intense			2% disse
135				135	broken quartz-calcite veined andesite						

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
120		9 3/4 recovered	brecciated vein		white quartz-calcite frag. fossiliferous cemented by grey calc. ch. - (F11/3)	VEIN	VEIN	stk			
125		0 5/10 recovered 5% recv	T ₂		dk grey porphyritic andesine andesite hornblende rd. frag.		strong relict of biotite, few hornblende veins	mod			
130											
135	6	1/6 recovered	T ₂		pebbly dk calc. vein + andesite clasts in clay			stk		1/6	
140					str. porphy. 1st green por andesite						
145			Back fill slope?		sand - fgs. h. porous v. calc. w/ some andesite rock frags	ST					
150						VEIN	VEIN	stk			

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
150	6			150	sand - backfill (?)				
155		2° core recovered		155	Mod argill. possible porphyritic andesite minor silicified andesite - argillized andesite	strong repl. of plg	locally moderate high alt propylite		
160				160					
165	7	2 1/2" recovered		165					
170				170	recovery of strongly brecciated quartz-calcite veined silicified andesite	Intense Stockwork-vein ~ 30% qtz-calcite		35% in andesite fogs + 10% in vein	
175		3 1/2" = 78% recovery		175	Microbreccia - subround to angular sand to pebble size chips of clear qtz-calcite vein silicified + porous andesite + quartz grains cemented by very calcareous clay	vein fogs in clay			
180		split 178-182 split 170-182 9.10 m		180	177-178: spectacular dk grey matrix-supported silicified breccia 177-178: Quartz-calcite breccia vein = silic. fogs of andesite flooded with cemented by 1st grey quartz- calcite locally some calcite and dk grey to black matrix or silicified breccia in veins w/ qtz ~ 10% plg, and silicified breccia + iron-stn	qtz-calcite vein / breccia	some limonite	3° por - to dk outside	

LOCATION:

DATE: 11-2-88

[illegible]

PROJECT: Mato Grosso

HOLE #: 99-7-11

LOCATION:

LOGGED BY: A. G. C. L. L. L.

DATE: 11-3-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FesOx	Fes ₂	STRUCTURE 4 c. a.
30		N°										
35		R E C O V										
40		R R Y										
45		89 ft	Ta		h. fract h. weathered bleached regillized porphyritic andesite w/ strong yellow-brown limonite			strong				
50		badly broken - small chips										shear c/o
55		78 ft	Ta		mod fractured wk-mod clay altered por andesite strong brown limon on fault			wk-mod				
60					h. argillized brecciated andesite			intense				

PROJECT: Monte Christo

HOLE #: MCN-11

LOCATION:

LOGGED BY: RAC

DATE: 11-3-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
120		117 ⁵ -125 (0.8 Au) (0.2 Ag)		120	Fault breccia - well-sorted por. breccia clasts in calc. mat. flow/clay matrix soft cement				tr
125	7	125 ¹²⁷ -127 (0.1 Au) (0.1 Ag)		125	125-127 breccia - silicified moderate clasts in light grey clay matrix	Silic. vugs			10%
127		127 ⁷ -133 (0.01 Au) (.28 Ag)		127	127-133 breccia - silicified moderate clasts in light grey clay matrix mod. flow clay matrix soft cement	Silic. vugs in vugs			4-5% in fine stream
130		130 ⁷ -133 (0.01 Au) (.28 Ag)		130	130-133 breccia - silicified moderate clasts in light grey clay matrix mod. flow clay matrix soft cement	Silic. vugs in vugs			4-5% in fine stream
135	8	135 ¹³⁰ -136 (0.01 Au) (.28 Ag)		135	135-136 breccia - silicified moderate clasts in light grey clay matrix mod. flow clay matrix soft cement	Silic. vugs in vugs			4-5% in fine stream
140		139 ⁶ -143 (0.01 Au) (.28 Ag)		140	139-143 breccia - silicified moderate clasts in light grey clay matrix mod. flow clay matrix soft cement	Silic. vugs in vugs			4-5% in fine stream
145	9	143 ¹⁴⁵ -147 (0.01 Au) (.28 Ag)		145	143-147 breccia - silicified moderate clasts in light grey clay matrix mod. flow clay matrix soft cement	Silic. vugs in vugs			4-5% in fine stream
150	10	147 ¹⁵⁰ -152 (0.01 Au) (.28 Ag)		150	147-152 breccia - silicified moderate clasts in light grey clay matrix mod. flow clay matrix soft cement	Silic. vugs in vugs			4-5% in fine stream

PROJECT: Maria Christ HOLE #: MCD-4 LOCATION: _____
 LOGGED BY: R. G. C. DATE: 11-3-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
150		65% 147 ⁵ -152 ² 151 ¹ 147 ⁵ 152 ² 147 ⁵ 153 ⁵ 147 ⁵ 154 ⁸ 147 ⁵ 155 ¹ 147 ⁵ 156 ⁴ 147 ⁵ 157 ⁷ 147 ⁵ 158 ¹⁰ 147 ⁵ 159 ¹³ 147 ⁵ 160 ¹⁶ 147 ⁵ 161 ¹⁹ 147 ⁵ 162 ²² 147 ⁵ 163 ²⁵ 147 ⁵ 164 ²⁸ 147 ⁵ 165 ³¹ 147 ⁵ 166 ³⁴ 147 ⁵ 167 ³⁷ 147 ⁵ 168 ⁴⁰ 147 ⁵ 169 ⁴³ 147 ⁵ 170 ⁴⁶ 147 ⁵ 171 ⁴⁹ 147 ⁵ 172 ⁵² 147 ⁵ 173 ⁵⁵ 147 ⁵ 174 ⁵⁸ 147 ⁵ 175 ⁶¹ 147 ⁵ 176 ⁶⁴ 147 ⁵ 177 ⁶⁷ 147 ⁵ 178 ⁷⁰ 147 ⁵ 179 ⁷³ 147 ⁵ 180 ⁷⁶ 147 ⁵ 181 ⁷⁹ 147 ⁵ 182 ⁸² 147 ⁵ 183 ⁸⁵ 147 ⁵ 184 ⁸⁸ 147 ⁵ 185 ⁹¹ 147 ⁵ 186 ⁹⁴ 147 ⁵ 187 ⁹⁷ 147 ⁵ 188 ¹⁰⁰ 147 ⁵ 189 ¹⁰³ 147 ⁵ 190 ¹⁰⁶ 147 ⁵ 191 ¹⁰⁹ 147 ⁵ 192 ¹¹² 147 ⁵ 193 ¹¹⁵ 147 ⁵ 194 ¹¹⁸ 147 ⁵ 195 ¹²¹ 147 ⁵ 196 ¹²⁴ 147 ⁵ 197 ¹²⁷ 147 ⁵ 198 ¹³⁰ 147 ⁵ 199 ¹³³ 147 ⁵ 200 ¹³⁶ 147 ⁵ 201 ¹³⁹ 147 ⁵ 202 ¹⁴² 147 ⁵ 203 ¹⁴⁵ 147 ⁵ 204 ¹⁴⁸ 147 ⁵ 205 ¹⁵¹ 147 ⁵ 206 ¹⁵⁴ 147 ⁵ 207 ¹⁵⁷ 147 ⁵ 208 ¹⁶⁰ 147 ⁵ 209 ¹⁶³ 147 ⁵ 210 ¹⁶⁶ 147 ⁵ 211 ¹⁶⁹ 147 ⁵ 212 ¹⁷² 147 ⁵ 213 ¹⁷⁵ 147 ⁵ 214 ¹⁷⁸ 147 ⁵ 215 ¹⁸¹ 147 ⁵ 216 ¹⁸⁴ 147 ⁵ 217 ¹⁸⁷ 147 ⁵ 218 ¹⁹⁰ 147 ⁵ 219 ¹⁹³ 147 ⁵ 220 ¹⁹⁶ 147 ⁵ 221 ¹⁹⁹ 147 ⁵ 222 ²⁰² 147 ⁵ 223 ²⁰⁵ 147 ⁵ 224 ²⁰⁸ 147 ⁵ 225 ²¹¹ 147 ⁵ 226 ²¹⁴ 147 ⁵ 227 ²¹⁷ 147 ⁵ 228 ²²⁰ 147 ⁵ 229 ²²³ 147 ⁵ 230 ²²⁶ 147 ⁵ 231 ²²⁹ 147 ⁵ 232 ²³² 147 ⁵ 233 ²³⁵ 147 ⁵ 234 ²³⁸ 147 ⁵ 235 ²⁴¹ 147 ⁵ 236 ²⁴⁴ 147 ⁵ 237 ²⁴⁷ 147 ⁵ 238 ²⁵⁰ 147 ⁵ 239 ²⁵³ 147 ⁵ 240 ²⁵⁶ 147 ⁵ 241 ²⁵⁹ 147 ⁵ 242 ²⁶² 147 ⁵ 243 ²⁶⁵ 147 ⁵ 244 ²⁶⁸ 147 ⁵ 245 ²⁷¹ 147 ⁵ 246 ²⁷⁴ 147 ⁵ 247 ²⁷⁷ 147 ⁵ 248 ²⁸⁰ 147 ⁵ 249 ²⁸³ 147 ⁵ 250 ²⁸⁶ 147 ⁵ 251 ²⁸⁹ 147 ⁵ 252 ²⁹² 147 ⁵ 253 ²⁹⁵ 147 ⁵ 254 ²⁹⁸ 147 ⁵ 255 ³⁰¹ 147 ⁵ 256 ³⁰⁴ 147 ⁵ 257 ³⁰⁷ 147 ⁵ 258 ³¹⁰ 147 ⁵ 259 ³¹³ 147 ⁵ 260 ³¹⁶ 147 ⁵ 261 ³¹⁹ 147 ⁵ 262 ³²² 147 ⁵ 263 ³²⁵ 147 ⁵ 264 ³²⁸ 147 ⁵ 265 ³³¹ 147 ⁵ 266 ³³⁴ 147 ⁵ 267 ³³⁷ 147 ⁵ 268 ³⁴⁰ 147 ⁵ 269 ³⁴³ 147 ⁵ 270 ³⁴⁶ 147 ⁵ 271 ³⁴⁹ 147 ⁵ 272 ³⁵² 147 ⁵ 273 ³⁵⁵ 147 ⁵ 274 ³⁵⁸ 147 ⁵ 275 ³⁶¹ 147 ⁵ 276 ³⁶⁴ 147 ⁵ 277 ³⁶⁷ 147 ⁵ 278 ³⁷⁰ 147 ⁵ 279 ³⁷³ 147 ⁵ 280 ³⁷⁶ 147 ⁵ 281 ³⁷⁹ 147 ⁵ 282 ³⁸² 147 ⁵ 283 ³⁸⁵ 147 ⁵ 284 ³⁸⁸ 147 ⁵ 285 ³⁹¹ 147 ⁵ 286 ³⁹⁴ 147 ⁵ 287 ³⁹⁷ 147 ⁵ 288 ⁴⁰⁰ 147 ⁵ 289 ⁴⁰³ 147 ⁵ 290 ⁴⁰⁶ 147 ⁵ 291 ⁴⁰⁹ 147 ⁵ 292 ⁴¹² 147 ⁵ 293 ⁴¹⁵ 147 ⁵ 294 ⁴¹⁸ 147 ⁵ 295 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147 ⁵ 575 ¹²⁶¹ 147 ⁵ 576 ¹²⁶⁴ 147 ⁵ 577 ¹²⁶⁷ 147 ⁵ 578 ¹²⁷⁰ 147 ⁵ 579 ¹²⁷³ 147 ⁵ 580 ¹²⁷⁶ 147 ⁵ 581 ¹²⁷⁹ 147 ⁵ 582 ¹²⁸² 147 ⁵ 583 ¹²⁸⁵ 147 ⁵ 584 ¹²⁸⁸ 147 ⁵ 585 ¹²⁹¹ 147 ⁵ 586 ¹²⁹⁴ 147 ⁵ 587 ¹²⁹⁷ 147 ⁵ 588 ¹³⁰⁰ 147 ⁵ 589 ¹³⁰³ 147 ⁵ 590 ¹³⁰⁶ 147 ⁵ 591 ¹³⁰⁹ 147 ⁵ 592 ¹³¹² 147 ⁵ 593 ¹³¹⁵ 147 ⁵ 594 ¹³¹⁸ 147 ⁵ 595 ¹³²¹ 147 ⁵ 596 ¹³²⁴ 147 ⁵ 597 ¹³²⁷ 147 ⁵ 598 ¹³³⁰ 147 ⁵ 599 ¹³³³ 147 ⁵ 600 ¹³³⁶ 147 ⁵ 601 ¹³³⁹ 147 ⁵ 602 ¹³⁴² 147 ⁵ 603 ¹³⁴⁵ 147 ⁵ 604 ¹³⁴⁸ 147 ⁵ 605 ¹³⁵¹ 147 ⁵ 606 ¹³⁵⁴ 147 ⁵ 607 ¹³⁵⁷ 147 ⁵ 608 ¹³⁶⁰ 147 ⁵ 609 ¹³⁶³ 147 ⁵ 610 ¹³⁶⁶ 147 ⁵ 611 ¹³⁶⁹ 147 ⁵ 612 ¹³⁷² 147 ⁵ 613 ¹³⁷⁵ 147 ⁵ 614 ¹³⁷⁸ 147 ⁵ 615 ¹³⁸¹ 147 ⁵ 616 ¹³⁸⁴ 147 ⁵ 617 ¹³⁸⁷ 147 ⁵ 618 ¹³⁹⁰ 147 ⁵ 619 ¹³⁹³ 147 ⁵ 620 ¹³⁹⁶ 147 ⁵ 621 ¹³⁹⁹ 147 ⁵ 622 ¹⁴⁰² 147 ⁵ 623 ¹⁴⁰⁵ 147 ⁵ 624 ¹⁴⁰⁸ 147 ⁵ 625 ¹⁴¹¹ 147 ⁵ 626 ¹⁴¹⁴ 147 ⁵ 627 ¹⁴¹⁷ 147 ⁵ 628 ¹⁴²⁰ 147 ⁵ 629 ¹⁴²³ 147 ⁵ 630 ¹⁴²⁶ 147										

PROJECT: Mante Chicta HOLE #: MD-5 LOCATION: _____

LOGGED BY: R G. Cuffey DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
60		NO RECOVERY		60								
		↑ U-60										
		v. broken			broken soft weathered propylite por. andesite		mod	mod	str	mod limon		
65	1	35' RECOVER 60-70		65								
		↑ 70-72			20-70 clay altered w/ minor alteration to milky vein quartz + pyrite (up to 60%)	20-70 vein qtz		strong				
70		split 72-76 (41, 18)		70	70-72 1st grey clay gouge							
		↑ 70-72			70-72 breccia - silicified andesite + minor white felsic quartz frags in pyrite clay matrix	silica flooding in breccia matrix	v. strong - grey matrix	gouge		strong limonite	2-3%	
75		split 72-76 (005, 18)		75	72-74 stockwork qtz vns cutting propyl andesite	72-74 qtz						
		↑ 72-76			vuggy quartz breccia vein crystalline granular 1st grey quartz cementing silicified andesite frags	Quartz vein		gouge		strong limonite	7-8% pyrite fragments	
80	2	split 78-83 (01, 35)		80	Quartz vein - silicified breccia; angular frags of silicified andesite cemented by granular quartz + cut by clear to grey qtz microveins minor remnant pyrite, mostly h. limonite fine qtz xstals in open space vugs	Quartz vein						
85		split 83-89 (410, 289)		85								
90	3			90								

PROJECT: Made Nichols HOLE #: MCD-5' LOCATION: _____

LOGGED BY: RG C DATE: 10-18-88

FEET	BOX #	REMARKS/RECOVER	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90	3	Split 89, 92, 96 (013, 44)	Δ	90	Quartz vein/breccia - mod linear to crustal quartz breccia vein, silicified and/orite frags cemented by granular milky quartz; mod clear crystalline quartz cobbles frags in vugs some as comb quartz	Quartz vein				str. limon mod limon on facts + in vugs tr mostly goethite pyrite (morph)		
95		Split 92, 95 (056, 268)	Δ	95								
100	4	Split 95, 103 (010, nd)	Δ	100	weakly silicified propyl. porphyritic andesite cut by 1-2 clear crystalline quartz veins/ft ≈ 2-3% disc py in andesite tr in gr v. lts							
105		Split 103, 108 (054, 05)	Δ	105		weak silic. wk staurolite veining				mod limon on fract only	2-3% disc dissem	
110		Split 108, 112 (036, nd)	Δ	110								
115		Split 112, 117 (no assay)	Δ	115	113-114 open vuggy gr vein					str limon		
120		Split 112, 117 (no assay)	Δ	120	propylitized porphyritic (500 g phn) andesite cut by anastomosing (2-10 ft) thin (1/8 in) white gr-calcite veins - few epidote veins	2-3% veins strong						
120		Split 112, 117 (no assay)	Δ	120	116-121 (TD) propyl andesite w/ 1-2 v. lts/ft str propylite 11.5' dissem. some gr v. lts w/ gr. entro	4-10% gr. entro					11.5'	

PROJECT: _____ HOLE #: 1102.6 LOCATION: _____
 LOGGED BY: R.G.C. DATE: 11-1-87

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
92	3	836 935 (n2, n3)			Modestly to strong, blocky, weakly silicified, altered per oolitic (6-12 v. 11/ft)						1/2" - 1/4" oolitic
95	4	916 915 (n2, n3)									2-3% disseminated cubic P3
100		926 925 (n2, n3)			Weakly blocky, weakly silicified, altered per oolitic (6-12 v. 11/ft)						1/2" - 1/4" oolitic
105	5	1036 1035 (n2, n3)									1/2" - 1/4" oolitic
108		1089			General gray, possibly porphyritic, oolitic, weakly silicified, altered per oolitic (6-12 v. 11/ft)						10%

PROJECT: Made Creek HOLE #: M-20-1 LOCATION: _____
 LOGGED BY: R. G. Cuffman DATE: 11-2-78

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	Feox	FeS ₂	STRUCTURE x c. a.
30		No Recovery	Qa1	30								
35				35	clay rich sandy soil							
40	1	36-41" (0.28 Au nd Ag)		40	36-41" silty sand. abundant veined andesite in grey quartz matrix	↓				↓		
45	4	42-47" (0.33 Au nd Ag)		45	42-47" silty sand. abundant veined andesite + numerous v. fine veins	↓				↓		
50	2	47-51" (0.10 Au nd Ag)		50	47-49" mod. to str. stockwork veined andesite	↓				↓		
55	3	51-56" (0.15 Au nd Ag)		55	51-56" weakly to moderately quartz-veined stockwork andesite (2-5 mil / ft)	↓				↓		
60		56-60" (0.15 Au nd Ag)		60								

PROJECT: Mate Cherts HOLE #: MC0-2 LOCATION: _____
 LOGGED BY: RGC DATE: 11-7-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	Feox	Fes ₂	STRUCTURE x c. a.
60	3	60 ³ 60 ⁵ 60 ⁷ 60 ⁹ 60 ¹¹ 60 ¹³ 60 ¹⁵ 60 ¹⁷ 60 ¹⁹ 60 ²¹ 60 ²³ 60 ²⁵ 60 ²⁷ 60 ²⁹ 60 ³¹ 60 ³³ 60 ³⁵ 60 ³⁷ 60 ³⁹ 60 ⁴¹ 60 ⁴³ 60 ⁴⁵ 60 ⁴⁷ 60 ⁴⁹ 60 ⁵¹ 60 ⁵³ 60 ⁵⁵ 60 ⁵⁷ 60 ⁵⁹ 60 ⁶¹ 60 ⁶³ 60 ⁶⁵ 60 ⁶⁷ 60 ⁶⁹ 60 ⁷¹ 60 ⁷³ 60 ⁷⁵ 60 ⁷⁷ 60 ⁷⁹ 60 ⁸¹ 60 ⁸³ 60 ⁸⁵ 60 ⁸⁷ 60 ⁸⁹ 60 ⁹¹ 60 ⁹³ 60 ⁹⁵ 60 ⁹⁷ 60 ⁹⁹ 60 ¹⁰¹ 60 ¹⁰³ 60 ¹⁰⁵ 60 ¹⁰⁷ 60 ¹⁰⁹ 60 ¹¹¹ 60 ¹¹³ 60 ¹¹⁵ 60 ¹¹⁷ 60 ¹¹⁹ 60 ¹²¹ 60 ¹²³ 60 ¹²⁵ 60 ¹²⁷ 60 ¹²⁹ 60 ¹³¹ 60 ¹³³ 60 ¹³⁵ 60 ¹³⁷ 60 ¹³⁹ 60 ¹⁴¹ 60 ¹⁴³ 60 ¹⁴⁵ 60 ¹⁴⁷ 60 ¹⁴⁹ 60 ¹⁵¹ 60 ¹⁵³ 60 ¹⁵⁵ 60 ¹⁵⁷ 60 ¹⁵⁹ 60 ¹⁶¹ 60 ¹⁶³ 60 ¹⁶⁵ 60 ¹⁶⁷ 60 ¹⁶⁹ 60 ¹⁷¹ 60 ¹⁷³ 60 ¹⁷⁵ 60 ¹⁷⁷ 60 ¹⁷⁹ 60 ¹⁸¹ 60 ¹⁸³ 60 ¹⁸⁵ 60 ¹⁸⁷ 60 ¹⁸⁹ 60 ¹⁹¹ 60 ¹⁹³ 60 ¹⁹⁵ 60 ¹⁹⁷ 60 ¹⁹⁹ 60 ²⁰¹ 60 ²⁰³ 60 ²⁰⁵ 60 ²⁰⁷ 60 ²⁰⁹ 60 ²¹¹ 60 ²¹³ 60 ²¹⁵ 60 ²¹⁷ 60 ²¹⁹ 60 ²²¹ 60 ²²³ 60 ²²⁵ 60 ²²⁷ 60 ²²⁹ 60 ²³¹ 60 ²³³ 60 ²³⁵ 60 ²³⁷ 60 ²³⁹ 60 ²⁴¹ 60 ²⁴³ 60 ²⁴⁵ 60 ²⁴⁷ 60 ²⁴⁹ 60 ²⁵¹ 60 ²⁵³ 60 ²⁵⁵ 60 ²⁵⁷ 60 ²⁵⁹ 60 ²⁶¹ 60 ²⁶³ 60 ²⁶⁵ 60 ²⁶⁷ 60 ²⁶⁹ 60 ²⁷¹ 60 ²⁷³ 60 ²⁷⁵ 60 ²⁷⁷ 60 ²⁷⁹ 60 ²⁸¹ 60 ²⁸³ 60 ²⁸⁵ 60 ²⁸⁷ 60 ²⁸⁹ 60 ²⁹¹ 60 ²⁹³ 60 ²⁹⁵ 60 ²⁹⁷ 60 ²⁹⁹ 60 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PROJECT: Mable Creek

HOLE #: MD-7

LOCATION: _____

LOGGED BY: ASC

DATE: 11-1-77

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90		88-93° (007 Au 01 Ag)		90								
95		93-97° (005 Au 01 Ag)		95	Let green-gray ground for oxide cut by mod stockwork of clay + white gtz-calcite veinlets (3-4 ft)							
97		97° (+ Au -103° -103° 49)		97								
100		103° (+ Au -106° -106° 49)		100								
105		106° (+ Au -111° -111° 2)		105								
110		112° (+ Au -115° -115° 0)		110	stone vein 108-111° 5 ft							
115		115° (+ Au -120° -120° 0)		115	sk-mod stockwork veins ≈ 2 wt% / ft ± v thin calc. ep. bed v. l							
120		118-119° silic. micaceous v. l. of calc v. l		120								

PROJECT: Middle

HOLE #: 11

LOCATION:

LOGGED BY: F. S. Co. 2031

DATE: 11-1-82

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay	Propyl			
120	10	120° -128° (tr Au) (tr Ag)		120	120° - 128° mod. shale with mod. thin quartz nodules	mod. siliceous						
115				125	Greenish mod. clay nodules mod. thin quartz nodules	mod. siliceous	mod. calc.					
110	11	130° -135° (tr Au) (tr Ag)		130	130° - 135° roughly equal mod. - brownish nodules	mod. siliceous						
105				135	135° - 140° mod. shale with mod. thin quartz nodules	mod. siliceous						
100	12	135° -142° (tr Au) (tr Ag)		140	139° - 143° mod. shale with mod. thin quartz nodules	mod. siliceous						
95				145	145° - 150° mod. shale with mod. thin quartz nodules	mod. siliceous						
90	13	145° -150° (tr Au) (tr Ag)		150	145° - 150° mod. shale with mod. thin quartz nodules	mod. siliceous						

LOCATION-

DATE: 11-2-50

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
30	1	78% 31.3% 31.7% 31.8% 31.9% 32.0% 32.1% 32.2% 32.3% 32.4% 32.5% 32.6% 32.7% 32.8% 32.9% 33.0% 33.1% 33.2% 33.3% 33.4% 33.5% 33.6% 33.7% 33.8% 33.9% 34.0% 34.1% 34.2% 34.3% 34.4% 34.5% 34.6% 34.7% 34.8% 34.9% 35.0% 35.1% 35.2% 35.3% 35.4% 35.5% 35.6% 35.7% 35.8% 35.9% 36.0%	VEN oxidized ptly oxid. mostly oxidized	30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	37-57% bmk. & sand etc orange-brown limonite locally oxidized w/ky 9% yellow ochre locally cement pyrite to 1-2%	weak 21 white						

PROJECT: Manta Obsidian HOLE #: M-28-9 LOCATION: _____
 LOGGED BY: WCC DATE: 11-1-80

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
60		60' 65' (tr hd) ↓		60	Reddish-brown to greenish-brown, medium-grained, crystalline, massive, with some small-scale fracturing.					mod		
65	4	65' 65' (tr hd) ↓ 65' 65' (tr hd) ↓		65	Med-dark greenish-gray, fine-grained, crystalline, massive, with some small-scale fracturing.					mod		
70		70' 65' (tr hd) ↓		70	Med-dark greenish-gray, fine-grained, crystalline, massive, with some small-scale fracturing.					mod		
75	5	75' 65' (tr hd) ↓		75	Med-dark greenish-gray, fine-grained, crystalline, massive, with some small-scale fracturing.					mod		
80		80' 65' (tr hd) ↓		80	Med-dark greenish-gray, fine-grained, crystalline, massive, with some small-scale fracturing.					mod		
85	6	85' 65' (tr hd) ↓		85	Med-dark greenish-gray, fine-grained, crystalline, massive, with some small-scale fracturing.					mod		
90		90' 65' (tr hd) ↓		90	Med-dark greenish-gray, fine-grained, crystalline, massive, with some small-scale fracturing.					mod		

PROJECT: Maria Christi HOLE #: 100-1 LOCATION:

LOGGED BY: R. L. L. DATE: 11. 20. 88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
90		(none)	✓		-97 ⁵ h foot lat 90-95 per outside of						
		(none)	✓		low red hematite silica veinlets w/ quartz						
95		(none)	✓								
96		(none)	✓								
97		(none)	✓								
98		(none)	✓								
99		(none)	✓								
100		(none)	✓								
101		(none)	✓								
102		(none)	✓								
103		(none)	✓								
104		(none)	✓								
105		(none)	✓								
106		(none)	✓								
107		(none)	✓								
108		(none)	✓								
109		(none)	✓								
110		(none)	✓								
111		(none)	✓								
112		(none)	✓								
113		(none)	✓								
114		(none)	✓								
115		(none)	✓								
116		(none)	✓								
117		(none)	✓								
118		(none)	✓								
119		(none)	✓								
120		(none)	✓								
121		(none)	✓								
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129		(none)	✓								
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133		(none)	✓								
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149		(none)	✓								
150		(none)	✓								
151		(none)	✓								
152		(none)	✓								
153		(none)	✓								
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157		(none)	✓								
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161		(none)	✓								
162		(none)	✓								
163		(none)	✓								
164		(none)	✓								
165		(none)	✓								
166		(none)	✓								
167		(none)	✓								
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183		(none)	✓								
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185		(none)	✓								
186		(none)	✓								
187		(none)	✓								
188		(none)	✓								
189		(none)	✓								
190		(none)	✓								
191		(none)	✓								
192		(none)	✓								
193		(none)	✓								
194		(none)	✓								
195		(none)	✓								
196		(none)	✓								
197		(none)	✓								
198		(none)	✓								
199		(none)	✓								
200		(none)	✓								

PROJECT: Mesa Verde HOLE #: M28-10 LOCATION: _____
 LOGGED BY: RSC DATE: 11-9-83

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay	Propyl			
30	3			30-30' at 30'	Highly fractured, strongly limonite stained, blocky badly silicified matrix, nodules	blocky				strong orange-brown limonite	3-5%	
35	4											
40												
45												
46												
50												
55												
60	6											

Box dropped - core jumbled badly broken

46-62
(nd Au
nd Ag)

27.5
-46.5
(nd Au
nd Ag)

V. h. fractured, badly broken green-gray por
andrite w/ sh. brown greenish limonite
on fract. few thin blocky zones

1.5-2.0 limonite nodules w ~ 2/ft
white ppt-calc vult

wk veining

strong
brown
orange
-brown
limonite
1-2%

PROJECT: Machado Creek HOLE #: MCN-10 LOCATION: _____
 LOGGED BY: RGC DATE: 11.2.98

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
60		578-61° (nd,nd) ↓		60							
					highly calc. altered & limonite stained andesite					stems orange / brown limonite	
						2-3 vlt thin white quartz-calcite veins				tr to 20%	
65		61-65° (nd,nd) ↓		65							
					lot green-gray poorly calc. andesite cut by mod qtz-calc. & short veinings (3-4 vlt / ft)					3-4 vlt limonite	
					mod. oxid. & unox.						
70		68-75° (nd,nd) ↓		70							
					mod. oxid. & unox. w/ly qtz-calcite veined andesite					strong orange-brown limonite (few %)	
						1-3 vlt / ft				variable 1-4%	
75		75° (nd,nd,Ag) ↓		75							
					strongly fractured v. str. limonite stained andesite cut by 1-2 qtz-calc vlt / ft					strong orange-brown limonite (few %)	
						1-2 vlt				locally in unox. FeOx	
80		80-84° (nd,nd,Ag) ↓		80							
					81-82° v. str. quartz (calcite) veining & limonite Fe str. very gray calcareous clay gouge					v. str ~50% ↓ leached ↓ strong ↓ strong	
					Green-gray poor andesite cut by weak quartz-calcite & short veinings (1-2 vlt)					mod. 40%	
						1-3 qtz-calc vlt / ft					
85		83-88° (nd,nd) ↓		85							
90				90							

TONS PER 20 X 20 BLOCK

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1337	1324	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1397	1403	1403	1398	1385	1363	1327	1262	1131	914	0	0	0	0	0	0
0	0	0	0	0	1418	1435	1450	1462	1470	1474	1472	1464	1448	1424	1363	962	1025	1134	1048	944	834	781	817
0	0	0	0	1434	1458	1480	1501	1520	1536	1549	1557	1560	1556	1540	1530	908	1027	1244	1179	1077	956	890	931
0	0	0	0	1466	1495	1523	1550	1575	1598	1619	1638	1651	1655	1637	1609	1448	1239	1328	1327	1261	1177	1122	1109
0	0	0	0	1495	1529	1562	1594	1625	1656	1684	1711	1735	1755	1769	1785	1777	1639	1568	1534	1482	1417	1358	1314
0	0	0	0	1519	1558	1596	1633	1670	1706	1741	1776	1810	1843	1874	1901	1902	1854	1804	1766	1721	1661	1591	1521
0	0	0	0	1497	1539	1582	1624	1666	1707	1748	1788	1829	1870	1912	1953	1988	2009	2011	2004	1991	1961	1902	1817
0	0	0	0	1507	1554	1600	1647	1692	1737	1781	1824	1868	1914	1961	2009	2056	2099	2137	2171	2198	2197	2138	2027
0	0	0	0	1512	1562	1613	1663	1711	1758	1804	1848	1893	1940	1990	2043	2100	2161	2227	2298	2373	2423	2361	2206
0	0	0	0	1510	1564	1619	1672	1723	1772	1817	1861	1903	1948	1996	2052	2115	2187	2269	2363	2473	2599	2520	2311
0	0	0	0	1501	1559	1618	1675	1729	1778	1822	1861	1898	1936	1980	2033	2096	2171	2257	2352	2451	2522	2467	2309
0	0	0	0	1425	1484	1546	1609	1671	1728	1778	1819	1851	1878	1905	1939	1984	2044	2115	2196	2279	2350	2381	2230
0	0	0	0	1395	1458	1524	1592	1660	1722	1774	1812	1833	1844	1854	1872	1907	1959	2025	2098	2168	2220	2236	2119
0	0	0	0	1355	1420	1491	1566	1641	1712	1769	1804	1812	1799	1782	1778	1799	1845	1906	1975	2038	2082	2093	1997
0	0	0	0	1303	1369	1443	1525	1612	1695	1764	1801	1793	1745	1687	1654	1662	1705	1767	1836	1899	1942	1954	1870
0	0	0	0	1237	1302	1378	1466	1564	1668	1761	1813	1788	1688	1556	1493	1497	1545	1613	1688	1757	1808	1824	1742
0	1107	1157	1218	1291	1381	1488	1614	1746	1845	1813	1634	1420	1292	1321	1379	1451	1533	1616	1681	1705	1677	1613	1530
0	1022	1063	1114	1179	1262	1369	1507	1676	1868	1864	1569	1318	1172	1176	1218	1285	1372	1470	1561	1600	1554	1478	1391
0	928	958	994	1042	1107	1198	1323	1485	1657	1663	1453	1250	1114	1059	1060	1110	1199	1308	1416	1472	1409	1329	1240
0	830	845	863	888	923	979	1067	1193	1313	1348	1271	1141	1017	932	892	922	1019	1133	1227	1267	1236	1167	1081
0	732	732	730	728	726	732	767	863	985	1064	1080	1002	897	802	721	725	856	976	1060	1093	1070	1005	918
0	639	625	606	581	546	499	451	543	702	814	864	841	777	705	639	649	760	866	937	960	931	859	761
0	554	531	501	462	411	347	280	355	505	618	681	675	675	644	626	652	726	807	862	873	831	741	618
0	481	452	417	376	328	281	259	304	397	487	551	584	595	600	614	653	715	783	830	833	775	658	503
0	419	389	355	318	280	251	246	277	337	405	462	505	536	563	597	646	709	776	831	839	764	617	432
0	369	340	309	278	250	233	234	258	300	352	403	448	489	529	575	630	696	768	839	884	784	604	411
0	329	302	275	249	229	219	222	242	275	316	361	406	450	496	547	604	668	736	804	853	754	583	411
0	296	271	248	228	213	207	211	228	255	289	329	372	416	463	513	566	623	677	721	726	660	538	403
0	268	247	227	211	200	196	200	215	237	267	303	341	383	427	474	521	567	607	630	622	571	485	0
0	246	227	210	196	187	185	190	202	221	247	278	313	352	392	432	473	509	536	548	536	497	0	0
0	227	210	195	183	176	174	179	189	206	228	256	287	320	356	391	424	452	472	478	0	0	0	0
0	211	195	182	172	165	164	168	177	191	210	233	260	290	321	351	379	401	0	0	0	0	0	0
0	0	182	170	161	155	153	156	164	176	192	211	235	261	288	314	0	0	0	0	0	0	0	0
0	0	171	159	150	145	143	145	151	161	174	191	211	235	258	0	0	0	0	0	0	0	0	0
0	0	0	149	141	135	133	134	139	147	159	173	191	0	0	0	0	0	0	0	0	0	0	0
0	0	0	141	132	126	123	123	127	134	144	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	124	117	113	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	116	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1.0 CURVE

1.5 CURVE

7K

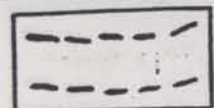
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0	0	0	0	0	3
0	0	0	0	0	15
0	0	0	0	0	22
0	0	0	0	0	29
1	1	1	0	0	38
1	1	1	1	0	53
1	1	1	1	0	64
1	1	1	1	0	71
2	1	1	1	0	73
2	2	1	1	0	73
2	2	2	1	0	72
2	2	2	2	0	70
2	2	2	2	0	70
2	2	2	2	0	67
2	2	2	2	0	64
2	2	2	2	0	61
2	2	2	2	0	58
2	2	2	2	0	56
2	2	2	1	0	53
2	2	1	1	0	49
2	1	1	1	0	41
1	1	1	1	0	32
1	1	1	1	0	25
1	1	1	0	0	20
0	0	0	0	0	15
0	0	0	0	0	11

0	0	0	0	0	9
0	0	0	0	0	7
0	0	0	0	0	6
0	0	0	0	0	5
0	0	0	0	0	4
0	0	0	0	0	4
0	0	0	0	0	3
0	0	0	0	0	3
0	0	0	0	0	2
0	0	0	0	0	2
0	0	0	0	0	1
0	0	0	0	0	1
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0	0	0	0	0	0

12000040

LEGEND



LEVEL OUTLINE.



STRIKE AND DIRECTION OF DIP.



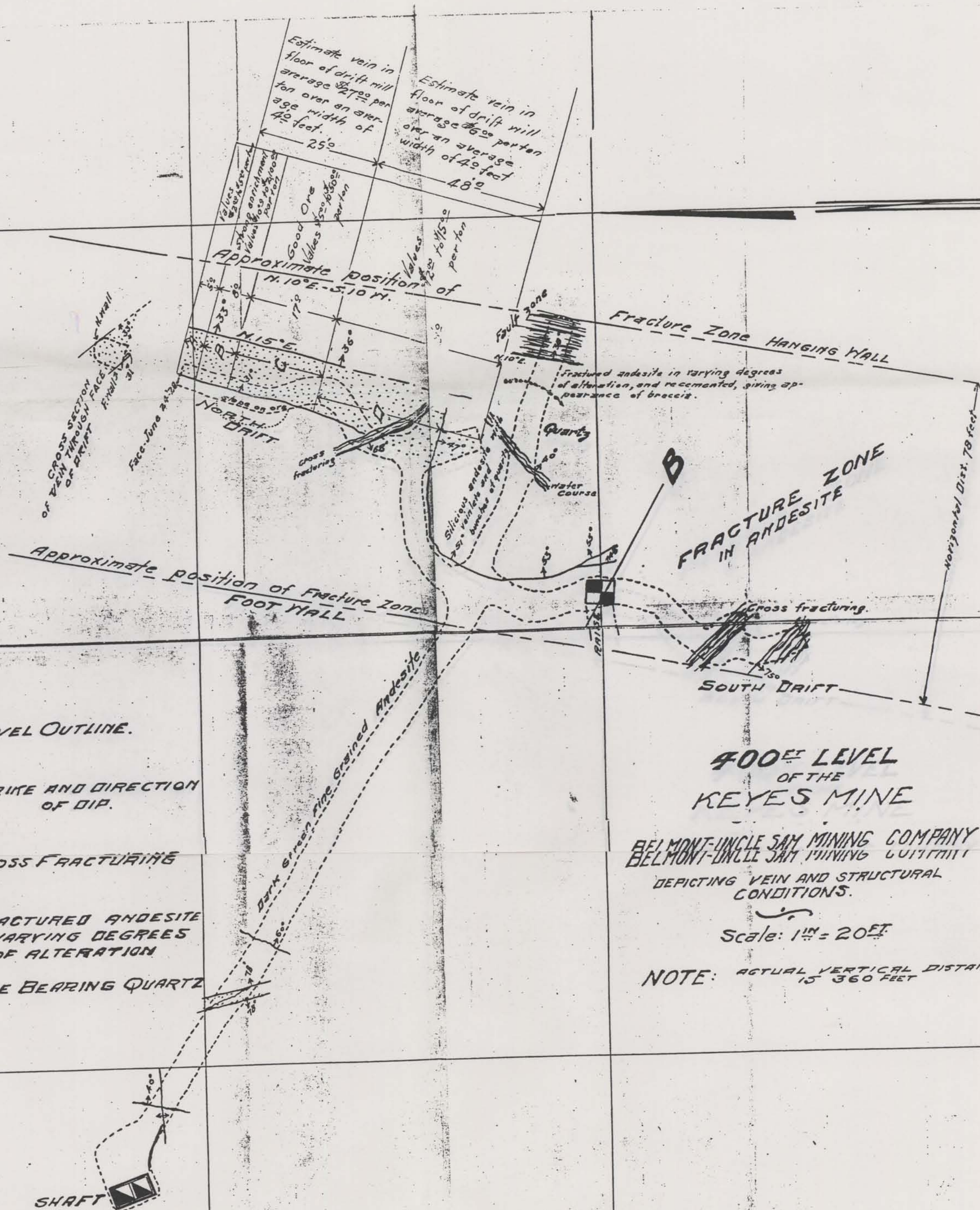
CROSS FRACTURING



FRACTURED ANDESITE IN VARYING DEGREES OF ALTERATION



ORE BEARING QUARTZ



**400' LEVEL
OF THE
KEYES MINE**

BELMONT-UNCLE SAM MINING COMPANY
BELMONT-UNCLE SAM MINING COMPANY
DEPICTING VEIN AND STRUCTURAL
CONDITIONS.

Scale: 1" = 20'

NOTE: ACTUAL VERTICAL DISTANCE
IS 360 FEET

[illegible]

[illegible]

PROJECT: Mate Adisto HOLE #: MCH-12 A LOCATION: _____

LOGGED BY: RSC DATE: 11-3-88 / 12-11-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
90				90							
95	2		Qal	95	h. good to bk brown Fe ch. nodules matrix - fr. nodules, argill. & silic. nod. in gravelly matrix				1 v. str. argill.		
100				100							
105	3		Ta	105	sh. brown limon. str. h. weathered, crumbly clay alt. massive blended, locally in conglomerate w/ weak argill. matrix		strong foam filling rel. plug.		st v	pyrite at 250	
110				110							
115	4		Gs	115	clay gouge clay matrix between w/ argill. nodules & silic. nodules nod. matrix / scattered, frag. for nodules		in traps	in str.		sh. brown - green	
120				120							

PROJECT: Monto Christa HOLE #: MC-12H LOCATION: _____

LOGGED BY: RGC DATE: 11-14-87

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
150	7	151.5' - 152' none	VEIN	150	Intensely clay altered micaceous to gouge	↑	↓					
155	8	153.5' - 154' none	Abecia vein	155	20' quartz zone 154.5-155'	↑	↓					
160		157.5' - 158' none	Abecia vein	160	Massive zone quartz silicified breccia - small angular to rounded vesicles, aggl. and (silicified) to silicified fine and coarse clast in quartz-oxide matrix cut by clastic quartz-oxide	↑	↓					
165		161.5' - 162' none	stockwork vein	165	158' - intense stockwork veins with silic. and oxide	↑	↓					
170		165.5' - 166' none	stockwork vein	170	fine clay gouge 165.5-166'	↑	↓					
175		169.5' - 170' none	Quartz Breccia Vein	175	limonite intensely silicified breccia - a silicified clast of andesite in light gray granular quartz with minor calcite matrix cut by late open clear quartz veins with light crystals	↑	↓					
175		173.5' - 174' none	WRKY OXIDIZED VEIN	175	little andesite breccia - strongly porphy cut by late	↑	↓					

PROJECT: Monte ChristoHOLE #: M-0-12 A

LOCATION: _____

LOGGED BY: RACDATE: 11-14-85

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Siilic.	CaCO ₃	Clay	Propyl			
210				210								
212												
215	17			215	Weakly porphyllized calcareous limestone to subangular to subround grains to 1/4" size. clastic of porphyllized calcareous limestone to finely granular calcareous limestone.	mod veinlet	mod veinlet					
220				220								
225	15			225								
230				230								
235	16			235	227°-229° broken zone w/ yellow limestone in fractures 1" clay gouge w/ calcite	mod veinlet	mod veinlet					
240				240	Strongly porphyllized calcareous limestone to subangular to subround grains to 1/4" size. clastic of porphyllized calcareous limestone to finely granular calcareous limestone.	mod veinlet	mod veinlet					

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
240	16	(0.0)										

PROJECT: M. L. C. 11-11-80

HOLE #: MEB 12 G

LOCATION: _____

LOGGED BY: R. S. L.

DATE: 11-11-80

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
300	B 4		7	300	wt mod fine grained argillaceous breccia v. fine v. sh. calc. v. sh.		wt. mod repl. plg		wt. mod plg. v. sh. has rel. fresh		
305	B 5		Δ	305							
310			Δ	310							
315	B 6		Δ	315	314-314 ⁵ - 2 thin qtz-calc v. sh.						
320			Δ	320	316-318 ⁵ qtz-calc v. sh.						
325	B 7		Δ	325							
330	B 8		Δ	330							

PROJECT: Mudstone HOLE #: MED-12 R LOCATION: _____
LOGGED BY: RG DATE: 11-11-98

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
360												
360	B 11				360-368. mod-st. sh. w/ mod. g. green fine calc. (14-20% w/ 1/2" mod. small fine calc. fracture filling	mod-st. sh. w/ 1/2"			mod-st.		4%	
363												
365												
370	B 12				Green mod. sh. w/ mod. g. green fine calc. (14-20% w/ 1/2" mod. small fine calc. fracture filling						2%	
372												
375	B 13				372-373. w/ly bleached 373-374. st. sh. w/ mod. g. green 374-376. clay-matrix micaceous w/ fine g. silic. andesite - white to calc. vein frags w/ly bleached w/ly g. silic. andesite w/ few ph. g. calc. - g. silic. veins w/ly g. calc. - g. silic. veins	st. sh. w/ 1/2"		mod-st.			2-3%	
380												
380												
385	B 14				380-385. mod-st. sh. w/ mod. g. green fine calc. (14-20% w/ 1/2" mod. small fine calc. fracture filling	mod-st. sh. w/ 1/2"			mod-st.		4%	
390	B 15				385-390. mod-st. sh. w/ mod. g. green fine calc. (14-20% w/ 1/2" mod. small fine calc. fracture filling	mod-st. sh. w/ 1/2"			mod-st.		4%	

PROJECT: Mante Christi HOLE #: MCD-13 LOCATION: _____
 LOGGED BY: Rgc DATE: 10-20-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
120				120								
125		N ₀ C ₀ T _e D-133°		125								
130				130								
133°												
135				135								
140				140								
142												
145				145								
150				150								

weakly fractured greenish gray por. andesite -
 pebble mtl. cut by thin v. thin white calcite
 veins

strong
 replacement
 strong

≈ 2%

str. repl
 few
 vesicles

1/8" white calcite o 45°

PROJECT: Manta Chico HOLE #: MCD-13 LOCATION: _____
LOGGED BY: RG DATE: 10-20-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		x c. a.
150	2			150	154-157 clay gouge						
						Ev strong	clay gouge				veinlet - pure white @ 50
						↓					
						strong repl.			strong		
						wk unit					
155				155							
160	3			160	161-165 ⁸ gray clay						
						Ev strong	clay gouge				
						↓					
						strong repl.			strong		
						wk unit					
165				165	161-165 ⁸ shaled/finely brecciated highly org. illuzed gt gray bleached andesite						
						Ev strong	clay gouge				
						↓					
						strong repl.			strong		
						wk unit					
170	4			170	171-177 ² fault bx w/ clay matrix						
						Ev strong	clay gouge				
						↓					
						strong repl.			strong		
						wk unit					
175				175	moderately shaled - h. fract to brecciated weakly to med clay shaled propyl andesite						
						Ev strong	clay gouge				
						↓					
						strong repl.			strong		
						wk unit					
180	5			180	core has a mottled breccia texture - may be more of an irregular alb. fract moving out from fractures calcic thin a fine breccia						
						Ev strong	clay gouge				
						↓					
						strong repl.			strong		
						wk unit					

PROJECT: Mate Christi

HOLE #:
MCD-13

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	Fes ₂	STRUCTURE x c. a.
180				180								
					Pyroclastic sandstone, adalite, shelled & fract w/ multiple clay-matrix breccias (as indicated)		strong	mod	strong			
185	5			bx			weak	mod	strong			
							mod	mod	strong			
							v str	mod	strong			
190				185			mod	mod	strong			
					187-189 strong breccia w/ mod silic. clasts in clay matrix pyrite rims some clasts		mod	mod	strong			
					187-189 clay gouge		mod	mod	strong			
190				190			mod	mod	strong			
					breccia w/ much altered material including dk gray & pyrite v. weak frags		mod	mod	strong			
195	6			193			mod	mod	strong			
					propyl por. andesite, shelled & h. fract w/ calcite filling fract		mod	mod	strong			
					clay-rich microbreccia		mod	mod	strong			
					190-197 clay gouge/microbreccia		mod	mod	strong			
200	7			200			mod	mod	strong			
					fine well sorted sand - w/ yk frags + limonite frags Backfill(?)		mod	mod	strong			
					h. broken argill andesite & sand - back fill/cave ? F. sand & clay back fill ?		mod	mod	strong			
205				205			mod	mod	strong			
					clay-rich breccia - str. argill and clasts in clay matrix, grades to microbreccia		mod	mod	strong			
210	8			205			mod	mod	strong			
					grey calcareous clay gouge		mod	mod	strong			
					clay-rich breccia/microbreccia		mod	mod	strong			

PROJECT: Mable Chert

HOLE #: MCD-13

LOCATION: _____

LOGGED BY: RGC

DATE: 11-1-87

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
240		split - 217' no assays	Quartz Ven / Breccia			~ 70% silic					
238		split - 217' no assays				~ 70% silic					
236		split - 217' no assays				~ 70% silic					
234		split - 217' no assays				~ 70% silic					
232		split - 217' no assays				~ 70% silic					
230		split - 217' no assays				~ 70% silic					
228		split - 217' no assays				~ 70% silic					
226		split - 217' no assays				~ 70% silic					
224		split - 217' no assays				~ 70% silic					
222		split - 217' no assays				~ 70% silic					
220		split - 217' no assays				~ 70% silic					
218		split - 217' no assays				~ 70% silic					
216		split - 217' no assays				~ 70% silic					
214		split - 217' no assays				~ 70% silic					
212		split - 217' no assays				~ 70% silic					
210		split - 217' no assays				~ 70% silic					
208		split - 217' no assays				~ 70% silic					
206		split - 217' no assays				~ 70% silic					
204		split - 217' no assays				~ 70% silic					
202		split - 217' no assays				~ 70% silic					
200		split - 217' no assays				~ 70% silic					
198		split - 217' no assays				~ 70% silic					
196		split - 217' no assays				~ 70% silic					
194		split - 217' no assays				~ 70% silic					
192		split - 217' no assays				~ 70% silic					
190		split - 217' no assays				~ 70% silic					
188		split - 217' no assays				~ 70% silic					
186		split - 217' no assays				~ 70% silic					
184		split - 217' no assays				~ 70% silic					
182		split - 217' no assays				~ 70% silic					
180		split - 217' no assays				~ 70% silic					
178		split - 217' no assays				~ 70% silic					
176		split - 217' no assays				~ 70% silic					
174		split - 217' no assays				~ 70% silic					
172		split - 217' no assays				~ 70% silic					
170		split - 217' no assays				~ 70% silic					

PROJECT: Mendo Chivito

HOLE #: MCD-13

LOCATION: _____

LOGGED BY: RGC

DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
270		split 265-275	Ta	270	Porphyritic porphyritic andesite cut by few 1/2" white quartz-silica veins (1-2/ft) + silica banding with 1 ft	wk veins (1-2/ft)	strong	≈ 2%	
275	14	whole unbroken core		275		wk veins + mod rept			1/2" qtz-calc. @ 45°
280		split 277-282		280					1/2" qtz-calc. @ 45°
285		reduced to B split 282-287		285					1/2" qtz-calc. @ 45°
287		split 270-282	qtz-calc. vein	287					1/2" qtz-calc. @ 45°
290		split 287-292	qtz-calc. vein	290					1-2" 6
295	16	body broken	Ta	295					
298		split 292-298		298					
300				300					

PROJECT: Manta Creek HOLE #: MCD-13 LOCATION: _____
LOGGED BY: RGC DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO_3 Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
330				330					
		broken			broken fractured mod. gray green andesite few v. thin qtz-calcite veins along fracture	wk repl			open qtz-calc @ 30° w/ veins
335				335	broken w/ powdery white calcite on fracture			1-2%	
340	21			340	339-342 mod green andesite w/ wk-mod qtz-calcite veins in matrix	weak to mod white qtz-calcite veining		x	
345				345	strongly magh. green andesite w/ wk-mod streaked qtz-calcite veins (3-5 ft)	mod streaked veining			
350	22			350	epidote flowing outward from veins	strong			
355				355	2511-2512 broken qtz-calcite vein				vein @ 75°
360	23			360					

PROJECT: Monte Christo HOLE #: MCB-13 LOCATION: _____
 LOGGED BY: RGC DATE: 11-1-89

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
360		360 ↓			360-363 st. mod. f. g. and calc. vein - see below 1/2" to 3/4" calc. vein - see below	v. 1/2	v. 1/2					
	23	363 ↓	Ta		st. mod. f. g. and calc. vein - see below mod. g. calc. vein - see below	moderate g. calc. vein stockwork						3-5' of calc. vein in place of 20'
365	24		Ta		mod. g. calc. vein - see below mod. g. calc. vein - see below							
370					mod. g. calc. vein - see below mod. g. calc. vein - see below							
375		374 ↓	Quartz Vein		374-375 Quartz-calcite breccia/vein - see below g. calc. vein - see below	VEIN	VEIN					1-2' of vein @ 80°
380	25	375 ↓	Ta		Green lithic and calc. mod. (locally strongly pyhr.) mod. v. fine g. calc. vein	mod. v. 1/2	mod. v. 1/2					
385	26		Ta		mod. v. fine g. calc. vein							
390					mod. v. fine g. calc. vein							

PROJECT: Monte Christo HOLE #: MCB-12 LOCATION: _____
LOGGED BY: RGC DATE: 11-1-78

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay			
420	29	421-423 0.0		420							
425	30	split 422-420.5		425	Green mud, poppy like, 200 gads to (breccia) core of scale, white					2-3%	
430	427	no core, but run from 427-431 = 42.0		430							
435	31	no core - block indicate 3.3' recovered from 5.3' run 43, none		435	No core in box but blocks indicate fair to good recovery						
440	441	No core in box 3.4' rec'd out of 4.3' run		440							
445	443	No core in box 1.0' rec'd in 1.9' run		445							
450	32	No core rec'd, 4.5' out of 3.4' run		450							

PROJECT: Monte Christo HOLE #: MCD-16 LOCATION: _____
LOGGED BY: RGC DATE: 10-19-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE * c. a.
						Silic.	CaCO ₃	Clay	Propyl		
30				30							
35	1		Qal.	35	fine brown dirt						
40	2			40	highly weathered, crumbly, clay-rich porcel. andesite, x.h. fractured						
45	415			45				strong argilliz.			strong iron- yellow brown get white > 10 soaking
50	3	broken		50							
55	541	h. broken 52-54		55							
60	4			60							

10-20-88

[illegible]

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION	FeOx	FeS ₂	STRUCTURE
							CaCO ₃	Clay	Propyl	x c. a.
90	7	split 886 938 (011, 78)	Quartz breccia vein	90	Strongly limonite oxidized, vuggy quartz breccia vein some poorly oxidized clasts w/ 2-3" py (all calcite leached) 2 1/2" 94" clast of pyritized silic and - 3-6" py					
95	8	split 938 992 (031, 86)		95	98-99" pyritic propyl, wky silicif. andesite, brecciated 98-99" h. limonite quartz breccia vein 99-99" silicified pyritic andesite 99-101" v. str. limonite stained silicified breccia - pyritic andesite clasts covered by h. limonite quartz 101-102" pyritic (3-4") andesite cut by few (3/4") limonite veins 102-104" intensely limonite/hematite silicified vuggy breccia 104-107" moderately limonite vuggy silicified vein breccia c. 15-20" gtz. v. - h. limonite + vuggy	wk. mod. flood				
100		split 992 1027 (114)	Quartz breccia	100	99-101" v. str. limonite stained silicified breccia - pyritic andesite clasts covered by h. limonite quartz 101-102" pyritic (3-4") andesite cut by few (3/4") limonite veins 102-104" intensely limonite/hematite silicified vuggy breccia 104-107" moderately limonite vuggy silicified vein breccia c. 15-20" gtz. v. - h. limonite + vuggy	silicified breccia weak flooding				
105	9	split 1027 1077 (05, 61)		105	104-107" moderately limonite vuggy silicified vein breccia c. 15-20" gtz. v. - h. limonite + vuggy	very strong silica flood				
110		split 1078 1113 (086, 18)		110	Weakly limonite + pyritic silicified breccia w/ 2-5" vuggy gtz. vein w/ limonite h. limonite vuggy vein 100-110" h. limonite					
115	10	split 1137 1180 (018, 82)		115	Quartz-calcite vein breccia - intensely silicified breccia, andesite clasts and - wky silicified, 2-4-6" gtz. calcite replacement + veining, coarse white calcite phases in quartz totally reduced - 1440 vuggy, intense calcite not leached	intense	very strong ~10%-15%			
120		split (04, 14)		120	strongly chloritized vein c. 20" thin calcite has + massive gtz. veins	very flood -veins	v. str			

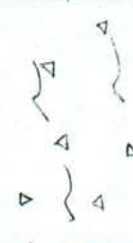


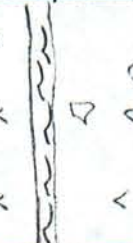
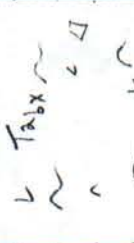
PROJECT: Monte Cristo HOLE #: MCD-14 LOCATION: _____
LOGGED BY: RGC DATE: 10-20-88

DATE: 10-20-88

FEET	BQX #	REMARKS / RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERNATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE χ c. a.
0		N° R E C O V E R Y		0								
25				25	brown dirt							
30				30	light gray to white, intensely bleached, intensely argillized shales / brecciated andesite (?) - nearly gouge							

PROJECT: Monte Christo HOLE #: MCD-14 LOCATION: _____

LOGGED BY: RGC DATE: 10-20-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		± c. a.
30				30							
35	1			35	Intensely leached - bleached - argillized sheared microbrecciated andesite (?), nearly complete clay alteration strong yellow to orange-brown limonite in fractures			v. intense	str. limonite fract.		
40	2			40	Strongly orange-brown limonite soaked fault breccia				v. str. brown orange-brown limonite		- ft ext to 15°
45				45	sheared to brecciated porphyritic andesite to andesite breccia, str. propyl. mod. argill.			mod. str.	str. mod. hem.		
50	3			50	49°-51° gray clay gouge				v. str. clay		
55	4			55	sheared to brecciated porphyritic andesite breccia w/ purple hem soaked matrix porphyritic and argillized			str. neph. of plagi.	str. mod. hem.		
60				60							

PROJECT: Manta Christo HOLE #: MCD-14 LOCATION: _____
LOGGED BY: RGC DATE: 10-20-88

FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
90	7	split 90-91 (008.04)	Δ VEIN D V L T ₂	90	-914 ply exd gtr-calcite veins w/ calcite filled, fossiliferous andesite - cut by thin gtr-calcite veinlets + hairline gtr veinlets	VEIN	VEIN	mod limon		- bottom vein @ 70°
95	8	split 97-101 (01.07) (A ₂ , A ₃)	V L T ₂	95	Prophytic porphyritic andesite, cut by few thin gtr-calcite veinlets, mod limon on fractures	trunk vein	moderate (wk calc) matrix phyll alt	mod orange-brown limonite	3-4% m.g. diss cubes	
100	9	split 101-106 (nd, tr)	V L T ₂	100	1" x 1/2" x 1/2" stockwork vein, approx 100°	1/2" mod gtr vein thin stock				- vein @ 70°
105			V L T ₂	105	Prophytic andesite cut by few gtr-calcite veinlets	stockwork veining			2-3%	
110	10	split 106-110 (nd, tr)	V L T ₂	110	Moderately stockwork veined prophytic andesite 2-5-6 thin white gtr-calcite veinlets 100°/ft + hairline grey quartz veinlets					
115	11	split 110-115 (nd, tr)	V L T ₂	115	Mod. prophytic - stockwork veined prophytic andesite w/ mod limon on fractures, cut by few gtr-calcite veinlets			mod limon on fract		- vein @ 40° - 3/4 gtr @ 85°
120		whole core TD 118'	V L T ₂	120	Mod prophytic and. w/ coarse v. thin gtr-calcite veinlets			none	1-2%	

PROTECT.

LOGGED BY:

[illegible]

PROJECT: Monte Christo HOLE #: MCB-17 LOCATION: _____
 LOGGED BY: NED DATE: 11-2-87

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
30				30							
	1				brown clay-rich soil w/ few pebbles - small fine siliceous clasts						
35				35							
40	2			40							
45				45							
50	3			50							
55				55							
60	4			60							

54000
50000

Q₂
(soil)

includes much h. weathered material

51.8
58.0
split

PROJECT: Monte Cristo HOLE #: MC-17 LOCATION: _____
LOGGED BY: P.G.C. DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		± c. a.
90	6	100% (100% Au) 91.326 n.a.	△	90							
95	7	92-101 (.017 Au) (.034 Ag)	△ Quartz △ breccia vein	95	Mostly oxidized quartz (calcite) breccia vein, calcite mostly leached moderate limonite/hematite stain much vuggy (vein w/ clasp of xst)	siliceous fluorite -vein	tr (leached)		moderate limonite hematite	vein = 1/2 - 1/3 in the clasts	
100	101	101-105 (.005 Au) (.34 Ag)	△	100	101-102 - 1/2 vuggy, 1/2 limonite						
105	8	105-109 (.008 Au) (.30 Ag)	△	105	Oxidized quartz breccia vein quartz flooding + breccia cement				moderate limonite		
110		109-111 (.034 Au) (.12 Ag)	△	110	109-111 - matrix surrounded quartz breccia small clasts of siliceous breccia in quartz matrix						
115		111-112 (.034 Au) (.12 Ag)	△	115	111-112 - propyl adolite cut by clear to white thin calcite breccia veins					12-3%	
120		112-118 (.003 Au) (.08 Ag)	△	120	Gray pyritic quartz-calcite stockwork breccia vein - clasts of pyritic propyl adolite cut by clear to white calcite breccia, lot of fine barite veinlets						

PROJECT: Monte Christo

HOLE #: MCD-17

LOCATION: _____

LOGGED BY: RGC DATE: 11-2-88

[illegible]

PROJECT: Monte Christo HOLE #: MCD-17 E LOCATION: _____

LOGGED BY: R.G. Culler DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
0				0								
5		N O R E C O V E R Y		5								
10				10								
15				15								
20				20								
20.5				20.5								
21		20-25 12.5 (12.5)		21								
25				25								
27		26-31 12.5 (12.5)		27								
30				30								

Qa1

Qa1
(sill)

"C horizon"

brown dirt

25-26 feet andesite breccia

Totally oxidized, layered, with vein mixed
w/ parent clay-rich brown soil

vein
debris

↑
stone
brown
granite

PROJECT: Monte Christo HOLE #: MCD-18-B LOCATION: LOGGED BY: RGC DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
30				30						
35	2	31" 32" (0.72 Au) (0.31 Ag)	Qal (C" soil horizon)	35	Oxidized breccia quartz vein block in porous brown dirt			streak brown limonite goethite		
40		36" 37" 38" (0.14 Au) (0.31 Ag)		40	brown dirt					
41				41	41'-42" - gray to orange brown clay					
45		41.8 41.8 (0.35 Au) (0.86 Ag)		45	Strongly limonite stc silicified brecciated andesite	stc flood + veins		1/4 str. limon (goe)		
50	3	46.8 46.8 (0.36 Au) (0.96 Ag)		50	Strongly oxidized & bleached sheared andesite					
55		51.5 51.5 (0.72 Au) (2.23 Ag)		55	the clay gouge					
60	4	58.0 58.0 (0.41 Au) (1.41 Ag)		60	Totally oxidized & limonite-stc silicified breccia of silic. andesite flows in low angle, irregular quartz matrix & matrix supported - veins bleached & stc - oxidized all limonite	VEIN leached -> veins near clay filling veins		very strong mixed limonite & hematite after 3-4 days in 25-55-55-55		
					Partially oxidized quartz breccia vein - irregular & rounded pieces to w/ky silic. andesite chert 20-30" in dia. as white granular matrix with matrix			moderate- limon. in breccia matrix		
					Mod. stc. limonite breccia & oxidizing veins				tr - in andesite	

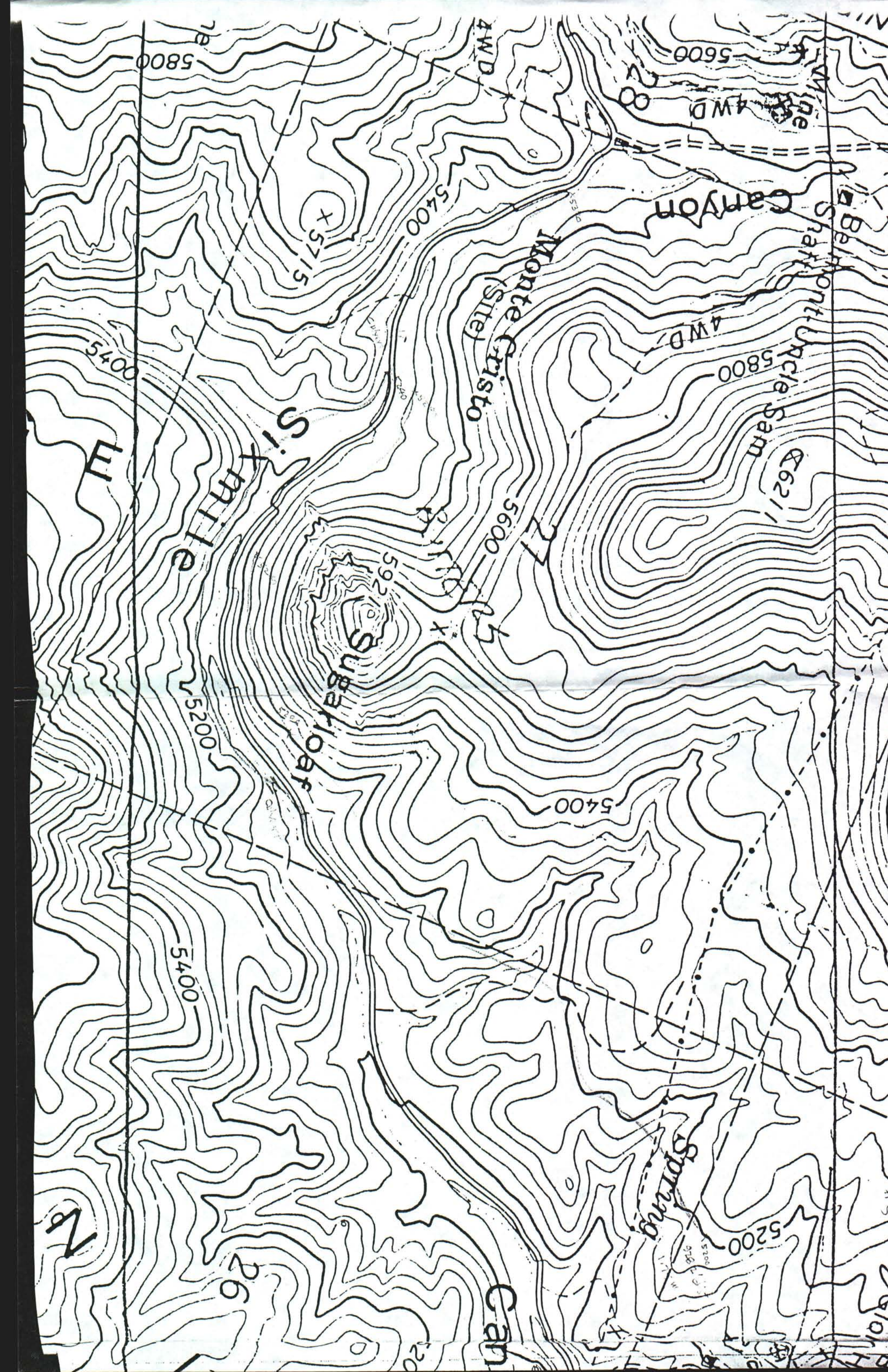
PROJECT: Monte Carmel HOLE #: MC-10-8 LOCATION: _____

LOGGED BY: RLC DATE: 11-3-88

FEET	BOX #	RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
60		50-60 50-55 20% Au recov (1.01 Ag)	Quartz breccia vein	60	Partly oxidized quartz breccia vein - moderate to strong limonite staining & siliceous material. It is a dark brown to black color with a 2-3" width. It is 10-15' from the surface and is not exposed.		limonite			moderate to strong		
65	4	60-70 60-70 50% Au recov	Partially (moderately) oxidized	65	mod. limonite staining at surface of the clay quartz breccia vein.							
70		70-75 70-75 50% Au recov		70								
75	5	75-80 75-80 50% Au recov		75	moderately to strongly limonite / hematite stained weakly siliceous, purple, calcite cut by moderate amount white quartz veining (5-6 unit / ft)	mod. stockwork veining					4-5"	
80		80-85 80-85 50% Au recov		80								
85	6	85-90 85-90 50% Au recov		85	dec. veining 3-4 unit / ft							
90		90-95 90-95 50% Au recov		90	Weakly oxidized quartz breccia vein, 2-3" thick, white to tan / light brown limonite staining on fracture.							
					mod. limonite w/ky stockwork veined calcite	mod. stockwork veining						



MONTE CRISTO HALL ROAD



MONTE CHRISTO PROJECT

FILE REPORT

MAY 26, 1988

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1. Summary

The Monte Christo project contains a small (approximately 900,000 tons) proven/probable ore body grading 0.042 opt Au and 1.7 opt Ag with a stripping ratio of 2.5:1. There are approximately 15,000 tons of mill tailings grading 0.04 opt Au available on the property. The potential for increased tonnage is excellent and considering the proximity to the neighboring Comstock Lode, the potential for encountering a bonanza type ore shoot is good. The amenability of the ore to heap leaching is unknown as only limited test work has been done.

2. Property, Description and Location

The Monte Christo project is located at the junction of Sixmile and Sevenmile Canyons approximately two miles east of Virginia City, Nevada. The claims are located in Sections 27 and 28, T17N, R21E, MDB&M.

The claim groups consist of the patented Monte Christo group of four claims and the Keyes group of four claims. A title opinion is beyond the scope of this short report.

3. Production History

The following is the recorded production from the Monte Christo Mine:

1881-1890 9726 tons averaging \$11.88 per ton

1912-1914 5453 tons @ 0.277 opt Au, 1.05 opt Ag

The Keys shaft production was reported to be 550 tons at \$7.15 per ton.

4. Geology

The area is underlain by tertiary eruptive, pyroclastic andesites of the Alta formation. There is abundant disseminated pyrite in the country rock which, upon weathering, causes extensive bleaching. Pyritic content of the country rock ranges as high as 10%. The Monte Christo vein lies within the Occidental shear zone. This zone is several miles in length and has been identified some 1250 vertical feet below outcrop in the Sutro Tunnel. The Monte Christo Vein lies on the footwall of the shear while the Keyes vein lies in the hangingwall. These structures strike north and dip from thirty to fifty degrees to the east. The Occidental structure parallels the famous Comstock Lode which produced 22 million tons grading 0.60 opt Au and 12 opt Ag. The Monte Christo vein is a silicified, carbonatized and brecciated footwall portion of the Occidental shear. There have been multiple episodes of fracturing and injection by silica, carbonate, pyrite and precious metals. The Monte Christo vein

has true widths ranging up to 60'. The Keyes vein appears to be a faulted extension of the Monte Christo vein.

5. Ore Reserves

Ore reserves have been calculated using intercepts from 24 diamond drill holes. These intercepts were plotted in plan at a scale of 1"=40'. The vertical thickness, au grade x thickness and ag grade x thickness were then kriged on 40' centers using linear variograms. Proven reserves were calculated using a 50' radius area of influence while probable reserves used a 500' area of influence. A boundary file was used to limit ore extensions to within a specific area bounded by drill holes and vein outcrop. The results of the reserve estimate, based on various ore value cutoffs are as follows:

5.1. Proven Reserves

Cutoffs based on \$450 Au and \$6.50 Ag.

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
296,006	0.034	1.4	\$0.00 (geologic)
255,428	0.038	1.6	\$10.00
187,454	0.043	2.0	\$20.00
30,286	0.088	4.0	\$30.00
25,194	0.094	4.3	\$50.00
13,673	0.105	4.7	\$70.00

5.2. Proven/Probable Reserves

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
1,211,939	0.035	1.3	\$00.00 (geologic)
1,064,603	0.039	1.5	\$10.00
871,655	0.042	1.7	\$20.00
286,037	0.057	2.3	\$30.00
105,616	0.068	2.9	\$40.00
37,779	0.079	3.6	\$50.00
12,028	0.084	3.9	\$60.00

5.3. Possible Reserves

The currently defined reserves exist within a strike length of about 500'. If the Keyes structure is the northern extension of the structure, it would be reasonable to assume a Possible reserve of plus 3,000,000 tons at a similar grade. A possibility also exists for the discovery of bonanza type ore shoots at depth and along strike.

5.4. Tailings

A reserve estimate was completed by former owners which show

that there are 15,000 tons of tailings grading 0.04 opt Au on the property.

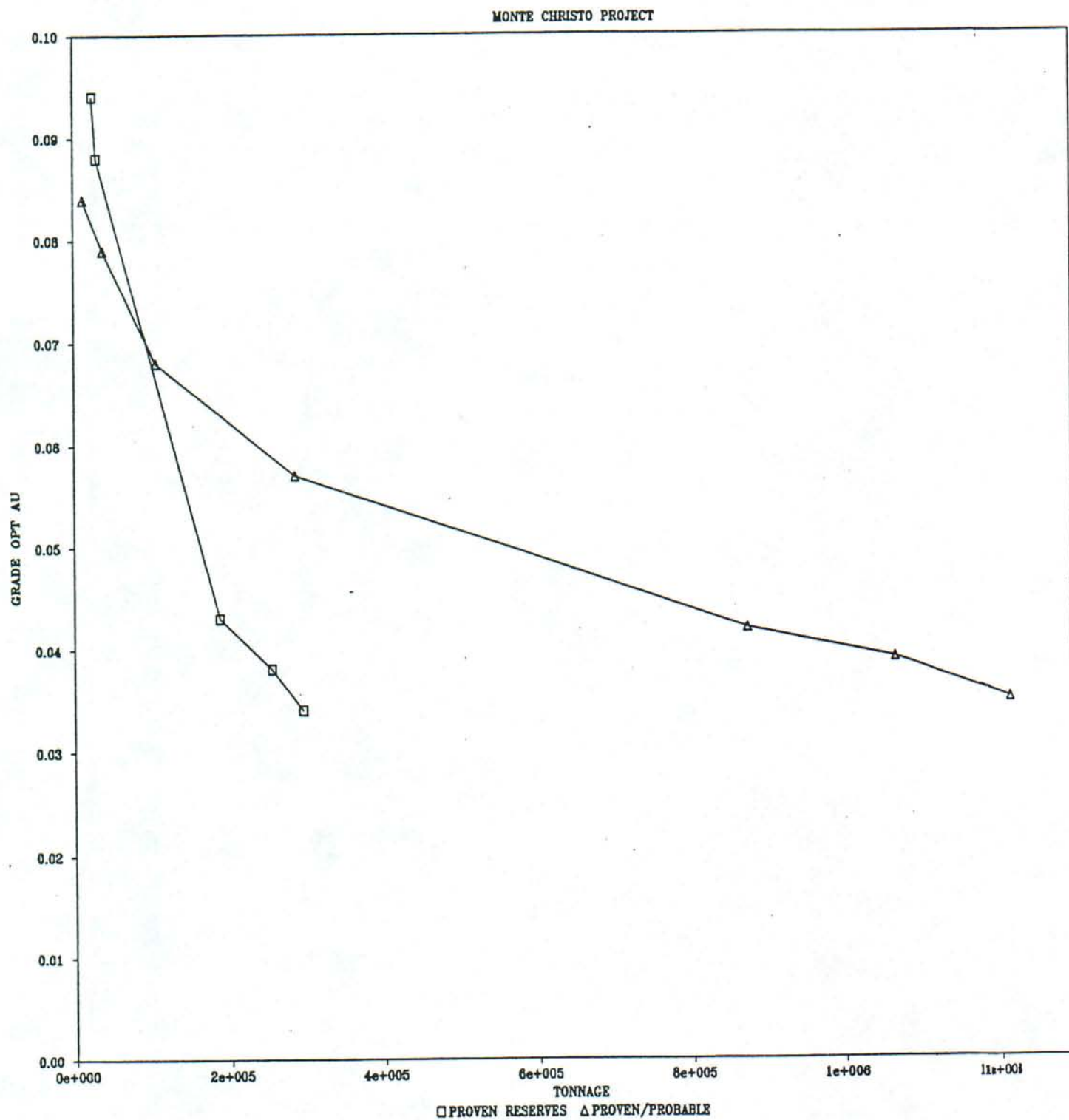
6. Stripping Ratio

A quick estimate of the stripping requirements was made using four cross sections of the ore body. Based on a Proven/Probable reserve of 871,655 tons at 0.042 opt Au and 1.7 opt Ag, the stripping ratio will be approximately 2.5:1 waste to ore.

7. Metallurgy

Limited metallurgical test work has been done by former owners. Available test work indicates 96hr cyanidation recoveries on crushed ore of 43% for gold and 67% for silver. Based on a 24hr cyanidation test, crushed ore gave the following recoveries: gold @ 40%, Silver @ 25.4% while pulverized ore (98% minus 40 mesh) returned 94% recovery of gold and 73% recovery of silver. A five day test on the tailings gave recoveries of 77% on both gold and silver.

FIGURE 1: Grade Tonnage Curves



1298	1207	1119	1039	0	36,751
1149	1061	980	909	0	32,875
990	905	831	770	0	28,049
825	741	673	625	0	23,129
657	568	509	476	0	18,766
490	389	340	330	0	15,542
332	201	176	201	0	13,386
224	0	61	112	0	11,953
221	81	54	80	0	11,422
255	143	93	0	0	10,820
279	0	0	0	0	9,731
0	0	0	0	0	8,199
0	0	0	0	0	6,977
0	0	0	0	0	5,403
0	0	0	0	0	4,068
0	0	0	0	0	2,819
0	0	0	0	0	2,295
0	0	0	0	0	1,501
0	0	0	0	0	1,049
0	0	0	0	0	467
0	0	0	0	0	225
0	0	0	0	0	0

TOTAL 930,642

1.0 CUTOFF

1.5 CUTOFF

0	0	0	0	0	0
0	0	0	0	0	2,661
0	0	0	0	0	12,983
0	0	0	0	0	23,426
963	981	987	983	0	30,348
1109	1104	1091	1072	0	33,404
1278	1243	1207	1168	0	36,886
1453	1387	1325	1265	0	39,877
1619	1525	1437	1356	0	44,055
1766	1645	1535	1435	0	46,395
1881	1738	1610	1495	0	48,247
1950	1795	1657	1533	0	49,330
1968	1813	1672	1545	0	49,146
1939	1794	1658	1532	0	49,561
1875	1743	1615	1494	0	48,006
1787	1668	1549	1436	0	46,064
1682	1573	1464	1359	0	43,817
1565	1463	1362	1265	0	41,314
1437	1341	1247	1158	0	39,693
1298	1207	1119	1039	0	36,751
1149	1061	980	909	0	32,875
990	905	831	770	0	28,049
825	741	673	625	0	23,129
657	568	509	476	0	18,766
490	389	340	330	0	15,542
332	201	176	201	0	13,386
224	0	61	112	0	11,953
221	81	54	80	0	11,422

1.0 CUTOFF

0.5 CUTOFF

ROTARY DRILL HOLE RECORD

MC-83-30
HOLE NO.

PAUL D. NOLAND

Page 1 of 1

Property MONTÉ CHRISTO Location STOREY Co., Nv Total Depth 100'
Collar El. 5440.2 Azimuth --- Dip -90° Hole Size 5 7/8" Rig TH-60 RCA
Contractor HACKWORTH Start 4/3/83 Finish 4/3/83 Logged By ADN

SECTION	FROM	TO	DESCRIPTION	OZ/TON		Sample No.
				Au	Ag	
0	5		Soil & bubble, Road fill, dump material	-.001	.12	H-5610
5	10		same, some propylitified andesite	.004	.09	5611
10	15		propylitified andesite and silicified andesite	.001	.04	5612
15	20		same	-.001	.03	5613
20	25		same - mostly propylitified andesite	.001	-.01	5614
25	30		same	.001	.03	5615
30	35		same	.001	.14	5616
35	40		same - NO silicified material	.002	.10	5617
40	45		some oxidized, Fe std silica along w/ propylitified andesite	.003	.14	5618
45	50		propylitified andesite - very little silica	.005	.19	5619
50	55		inject water, silicified, Fe std andesite, some gty, propyl and limonitic gty	-.008	.67	5620
55	60		limonitic clay; oxidized, Fe std gty; Brick red andesite	.016	.78	5621
60	65		oxidized gty vein - minor sulfides	-.015	.87	5622
65	70		same - good gty - minor sulfide	.030	1.72	5623
70	75		oxidized gty vein with some sulfide	.032	1.88	5624
75	80		mixed oxidized gty and bluish, fine grained sulfide in gty	.032	2.57	5625
80	85		same mix of oxide & sulfide quartz vein	.038	1.84	5626
85	90		same	.026	.34	5627
90	95		same to 92, then blue-green silicified, pyritized andesite	.021	-.23	5628
95	100		silicified, pyritized andesite	.071	-.17	H-5629
			STOP HOLE 100'			

4.5
1.35
0.32

ROTARY DRILL HOLE RECORD

MC-83-29
HOLE NO.

PAUL D. NOLAND

Page 1 of 1

Property MONTE CRISTO Location STREY Co., NV Total Depth 100'
 Collar El. 5441.9 Azimuth — Dip -90° Hole Size 5 1/8" Rig TH-60 RCR
 Contractor HACKWORTH Start 4/3/83 Finish 4/3/83 Logged By PDN

SECTION FROM	TO	DESCRIPTION	OZ/TON		Sample No.	Au oz/ton	A
			Au	Ag			
0	5	Soil & rubble, road fill, some dump material	.004	.07	H-5990		
5	10	Same w/ chips of propylitized andesite	.001	.12	5991		
10	15	Same; rusty red fines	.002	.09	5992		
15	20	Same w/ zone of blue clay - may be in bed rock	.011	.34	5993		
20	25	propylitized andesite w/ fresh pyrite	.001	.01	5994		
25	30	Same w/ rusty red dust (fines)	.001	.26	5995		
30	35	Same	.026	.08	5996		
35	40	Same	.005	.27	5997		
40	45	Same	.002	.15	5998		
45	50	Same	.005	.01	H-5999		
50	55	Same	.020	.04	H-5600		
55	60	darber red, unchanged	.004	.05	5601		
60	65	gets sticky - inject water	.003	.25	5602		
65	70	limonitic gouge; propylitized andesite	.008	.09	5603		
70	75	limonitic gouge; little solid rock	.004	.01	5604		
75	80	darber brown sludge	.006	.08	5605		
80	85	oxidized gty vein; silicified andesite; brick red andesite	.005	.31	5606		
85	90	start in oxidized gty; go to bluish, silicified andesite	.001	.13	5607		
90	95	silicified andesite - some pyrite and white gty	.001	.05	5608		
95	100	Same, hit & limonitic gouge at 99-100	.004	.03	H-5609		
Stop hole at 100'							

ROTARY DRILL HOLE RECORD

MC-83-28

HOLE NO.

PAUL D. NOLAND

Page 1 of 1

Property MONTE CHEISTO

Location STEELE CO, NV.

Total Depth 100'

Collar El. 5442.1 Azimuth — Dip -90° Hole Size 5 1/8"

Rig TH-60 RCR

Contractor HACKWORTH Start 4/3/83 Finish 4/3/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		SAMPLE No.				
FROM	TO		Au	Ag					
0	5	Soil; EUBBLE, ROAD FILL, dump material	.004	.07	# 5970				
5	10	Same - some chips of andesite	-.001	.06	5971				
10	15	Same	-.001	.02	5972				
15	20	Same, rusty red andesite dust and propylitized chips	-.001	-.01	5973				
20	25	propylitized andesite - rusty red dust	.001	.08	5974				
25	30	Same	-.001	.07	5975				
30	35	Same	.001	.02	5976				
35	40	Same	.001	.07	5977				
40	45	Same	.001	.17	5978				
45	50	Same	.002	.17	5979				
50	55	Same with hint of silica - no sulfide	.007	.19	5980				
55	60	Same w/ small pieces of jasper-like silica; no sulfide	.025	1.18	5981				
60	65	inject water; limonitic clay gouge; propylitized andesite	.020	.18	5982				
65	70	limonitic clay gouge and altered andesite	.008	.34	5983				
70	75	Same with some jasper-like quartz	.006	.33	5984				
75	80	white quartz and silicified andesite - trace of sulfide	.015	1.06	5985				
80	85	silicified andesite; alt'd andesite; white gty; jasper-like gty; S ₂ weak	.052	2.08	5986				
85	90	FeO sld gty vein; limonitic clay gouge; sulfide	.027	1.29	5987				
90	95	Start in oxidized quartz vein; go to blue gouge and altered andes	.001	.01	5988				
95	100	Same - stop hole in blue gouge	.002	.04	H-5989				
		STOP hole at 100'							

ROTARY DRILL HOLE RECORD

HOLE NO.
MC-83-27

PAUL D. NOLAND

Page 1 of 1

Property Monte Christo Location Storey Co, Nv Total Depth 120'
 Collar El. 5443.1 Azimuth Dip -90° Hole size 5 1/8" Rig TH-60 RCR
 Contractor Hackworth Start 4/3/83 Finish 4/3/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		Sample No				
FROM	TO		Au	Ag					
0	5	Soil & Rubble, ROAD FILL, dump material	.002	.20	H-5946				
5	10	sawd	-.001	.19	5947				
10	15	soil & Rubble with chips of propylitized andosite	-.001	.16	5948				
15	20	sawd	-.001	.13	5949				
20	25	rusty red, propylitized andosite; oxidized	-.001	.20	5950				
25	30	sawd	-.001	.12	5951				
30	35	chips of propylitized andosite; rusty oxide clay; dirt	.001	.23	5952				
35	40	sawd	.002	.31	5953				
40	45	sawd	.002	.34	5954				
45	50	sawd	.002	.48	5955				
50	55	sawd	.003	.56	5956				
55	60	sawd with small bit of silica	.007	.78	5957				
60	65	sawd	.010	.80	5958				
65	70	return is poor - inject water; oxidized gty vein - Fe stained andosite	.124	6.78	5959				
70	75	gty vein w/ Fe Oxides - limonitic clay gouge	.559	25.95	5960				
75	80	sawd	.157	5.59	5961				
80	85	sawd with some sulfides	.090	3.81	5962				
85	90	sawd, picked up more sulfides - Very much clay gouge	.100	4.13	5963				
90	95	Fe Ox stained quartz; Pyritic andosite - black clay at 94	.018	0.21	5964				
95	100	sulfide rich blue gouge - less quartz - fresh sulfide	.018	.85	5965				
100	105	leave solid vein at 104; silicified, pyritic andosite	.020	1.74	5966				
105	110	pyritic andosite, fresh sulfide, white quartz, less clay	.021	1.17	5967				
110	115	Same	.040	.88	5968				
115	120	Same with 1 small gouge zone	.013	.63	H-5969				
		TD 120'							

55
P. 10' 11'

2.5' max / 9.25'

ROTARY DRILL HOLE RECORD

HOLE NO.
MC-83-26

Page 1 of 1

PAUL D. NOLAND

Property MONTE CRISTO Location STEELE Co, ALA Total Depth 140'
 Collar El. 5442.3 Azimuth Dip -90° Hole Size 5 5/8" Rig TH-60 RCR
 Contractor HACKWORTH Start 4/2/83 Finish 4/2/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		SAMPLE
FROM	TO		Au	Ag	
0	5	Soil and Rubble - some dump material	.015	.70	H-5918
5	10	Same	.007	.24	5919
10	15	Same with a few propylitized andesite chips	.005	.53	5920
15	20	Rusty, weathered andesite	.001	.04	5921
20	25	Rusty, red propylitized andesite	.001	.02	5922
25	30	Same	.004	.11	5923
30	35	Same	.001	.17	5924
35	40	Rusty andesite	.001	.25	5925
40	45	Same	.005	.22	5926
45	50	Same w/ NO qtz	.006	.23	5927
50	55	Same - NO qtz	.028	.40	5928
55	60	NO Change	.013	.49	5929
60	65	hit some vein at 64 - white qtz and propylitized andesite	.007	.58	5930
65	70	drilling gets very hard; qtz, clay gouge & silicified andesite w/ pyrite	.009	.62	5931
70	75	inject water; clay gouge qtz w/ FeOx; propylitized andesite	.023	1.11	5932
75	80	clay gouge and FeOx stained qtz vein	.112	4.78	5933
80	85	clay gouge and FeOx stl qtz vein - wet! 2' 10"	.086	3.69	5934
85	90	Same - clay is limonitic	.015	1.01	5935
90	95	Same but gets sulfide rich at 93'	.201	12.51	5936
95	100	Same - less sulfide - more FeOx	.035	2.49	5937
100	105	Same - less sulfide, white quartz and clay gouge	.006	.46	5938
105	110	Same	.005	.26	5939
110	115	Same with pieces of pyritized andesite	.002	.21	5940
115	120	Same - start getting bluish color in sulfide	.007	.22	5941
120	125	Same with equal mix of FeOx and sulfide	.009	.60	5942
125	130	start to pick up pyritized andesite; still free quartz	.006	.26	5943
130	135	Out of vein, into andesite at 134	.001	.13	5944
135	140	Same; still a little free quartz	.005	.17	5945

TD 140'

ROTARY DRILL HOLE RECORD

PAUL D. NOLAND

HOLE NO.
MC-83-25
Page 1 of 1

Property MONTE CHRISTO

Location STOREY County NV

Total Depth 121'

Collar El. 5440.6 Azimuth Dip -90° Hole Size 5 1/8"

Rig TH-60 RCR

Contractor HACKWORTH Start 4/2/83 Finish 4/2/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		SAMPLE No.		
FROM	TO		Au	Ag			
0	5	Sol. & Rubble; Some dump material	.008	.45	4-5893		
5	10	Same; some chips of propylitized andesite	.038	.21	5894		
10	15	Rusty, FeOx std andesite; chips of andesite	.001	-.01	5895		
15	20	Same	.002	.14	5896		
20	25	Propylitized andesite; fractured, FeOx std, silicified chips	.001	.07	5897		
25	30	Same - no silicified chips	.001	.22	5898		
30	35	Same	.002	.18	5899		
35	40	Propylitized andesite, fractured, FeOx std	.011	.15	4-5900		
40	45	Same	.002	.15	5901		
45	50	Same with very minor quartz - limonitic	.004	.33	5902		
50	55	limonitic clay; very liguid	.002	.28	5903		
55	60	mostly andesite; minor quartz	.004	.40	5904		
60	65	oxidized quartz vein and andesite	.017	1.13	5905		
65	70	oxidized quartz vein and propylitized andesite	.004	.43	5906		
70	75	oxidized quartz vein w/ some sulfide	.009	.62	5907		
75	80	Same - almost all quartz	.072	2.96	5908		
80	85	Same good looking Fe std gty - Some sulfide	.019	.61	5909		
85	90	Oxidized gty vein w/ some sulfide, also some chips of andesite	.004	.33	5910		
90	95	Same - good return	.020	1.42	5911		
95	100	gty vein - Pick up more andesite	.015	.60	5912		
100	105	good gty - less sulfide	.097	.33	5913		
105	110	Same	.008	.33	5914		
110	115	white quartz; silicified, pyritized andesite	.005	.22	5915		
115	120	Same	.008	.21	5916		
120	121	Same	.022	.30	4-5917		

STOP HOLE 121

ROTARY DRILL HOLE RECORD

HOLE NO.
MC-83-24

Page 1 of 1

PAUL D. NOLAND

Property Monte Christo Location Storey Co, Nv Total Depth 115'
 Collar El. 5441.4 Azimuth — Dip -90° Hole Size 5 1/8" Rig TH-60 RCR
 Contractor Hackworth Start 4/2/83 Finish 4/2/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		Sample No.				
FROM	TO		Au	Ag					
0	5	Soil & Rubble - some dump material	.013	.31	4-5870				
5	10	Same	.001	.07	5871				
10	15	Same w/ some altered andesite chips	.001	.04	5872				
15	20	Oxidized andesite	-.001	.01	5873				
20	25	Oxidized, Fe-stained andesite	-.001	.15	5874				
25	30	Same, poor returns, small sample	-.001	.08	5875				
30	35	Same - better sample	.09	.07	5876				
35	40	Rusty, oxidized andesite	.001	.11	5877				
40	45	Same	.001	.18	5878				
45	50	Same; Rusty, propylitized andesite	.001	.14	5879				
50	55	Same	.002	.14	5880				
55	60	Same	.003	.29	5881				
60	65	Same to about 63' then hit oxidized, Fe std quartz vein	.002	.23	5882				
65	70	Vein qtz w/ mixed silicified andesite	.001	.16	5883				
70	75	less vein material - more silicified andesite	.003	.40	5884				
75	80	limonitic zone w/ quartz; then bluish qtz vein w/ fragn sulfide	.004	.45	5885				
80	85	Oxidized, Fe std vein, then chloritized andesite clay	.014	.61	5886				
85	90	qtz vein w/ appreciable sulfide; chloritized clay	.098	6.11	5887				
90	95	propylitized andesite with fg pyrite and white qtz w/ sulfide	.042	2.16	5888				
95	100	hit water; white qtz; silicified chloritized andesite	.019	.23	5889				
100	105	limonitic qtz vein; some chloritized andesite - also white qtz	.062	3.08	5890				
105	110	white qtz; limonitic qtz; sulfides floating, with blue clay	.009	.62	5891				
110	115	propylitized, pyritized andesite; some quartz	.010	.41	5892				
		TD. 115'							

25' 0" 047/201

ROTARY DRILL HOLE RECORD

HOLE NO.
MC-83-23

Page 1 of 1

PAUL D. NOLAND

Property Monte Christo

Location Steele Co, Nv.

Total Depth 120'

Collar El. 5440.0 Azimuth ---

Dip - 90° Hole Size 5 1/8"

Rig TH-60 RCR

Contractor HACKWORTH

Start 4/1/83 Finish 4/2/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		Sample No.
FROM	TO		Au	Ag	
0	5	Soil and rubble - some dump material	.001	.03	H-5844
5	10	Same	.001	.07	5845
10	15	Same - some propylitized andesite chips	-.001	.03	5846
15	20	Same	-.001	.06	5847
20	25	Same - probably bedrock; altered and oxidized andesite	.001	.07	5848
25	30	bedrock; propylitized andesite	.002	.15	5849
30	35	Same; more oxidized, FeOx stained	.002	.11	5850
35	40	Same; stop here on 4/1/83	.001	.06	5851
40	45	oxidized and propylitized andesite	.001	.13	5852
45	50	propylitized andesite and FeOx stained dust	.001	.11	5853
50	55	Same	.001	.17	5854
55	60	Same	.002	.16	5855
60	65	andesite w/ silicification; drill rate slows	.002	.24	5856
65	68	quartz vein material mixed with andesite chips	.002	.22	5857
68	71	Same - Not much quartz	.002	.13	5858
71	74	Same with some red, jasper-like material	.001	.12	5859
74	77	silicified andesite with some quartz	.005	.13	5860
77	80	Same with less quartz	.005	.11	5861
80	85	limonitic andesite - some quartz	.008	.14	5862
85	90	hit good strong quartz at 88 - soft, brecciated, contains sulfide	.009	.46	5863
90	95	hit strongly chloritized andesite, less quartz	.015	.95	5864
95	100	quartz vein and silicified chloritized andesite	.033	.23	5865
100	105	quartz vein and silicified andesite; clay and water; chloritic	.017	.17	5866
105	110	clean white quartz and silicified, pyritized andesite	.098	.10	5867
110	115	strongly chloritized andesite w/ stockwork quartz	.014	.27	5868
115	120	Same - end hole at 120'	.002	.15	H-5869

75' .035/1.34

ROTARY DRILL HOLE RECORD

HOLE NO.
MC-83-22

Page 1 of 2

PAUL D. NOLAND

Property MONTÉ CRISTO

Location STOREY Co., Nv

Total Depth 180'

Collar El. 5441.5 Azimuth — Dip -90° Hole Size 5 1/8"

Rig TH-60 RCR

Contractor HACKWORTH, Elko, Nv Start 4/1/83 Finish 4/1/83 Logged By PdN

SECTION FROM	TO	DESCRIPTION	OZ./TON		Sample Number
			Au	Ag	
0	5	Road fill, some dump material, soil & clay	.012	.20	H-5800
5	10	Same	.004	-.01	5801
10	15	Soil & Rubble - some propylitised andesite	.002	-.01	5802
15	20	Same with more chips of andesite	.001	-.01	5803
20	25	propylitised and oxidized andesite	.001	-.01	5804
25	30	yellow oxidized andesite - very fine	.004	.11	5805
30	35	yellow clay - gouge?	.006	.07	5806
35	40	yellow clay and propylitised andesite	.001	.07	5807
40	45	same	.002	-.01	5808
45	50	same with more andesite chips	.002	.17	5809
50	55	oxidized andesite	.003	.04	5810
55	60	oxidized andesite with some yellow clay	.004	.18	5811
60	65	same - hit vein at 64.5'	.007	-.01	5812
65	68	silicified andesite; some brecciated veins	.035	1.67	5813
68	71	white to yellow silica; silicified andesite; poor return sample	.029	1.90	5814
71	74	bluish grey to white vein - MnO on Frass; no visible S ₂ ; some FeOx	-.001	.64	5815
74	77	quartz vein and silicified andesite, partly oxidized	.005	.22	5816
77	80	softer; quartz vein and white clay - good return New	.004	.17	5817
80	83	qtz vein w/ FeOx; some fine grained sulfides partly oxidized	.004	-.01	5818
83	86	same - white quartz	.008	.41	5819
86	89	white quartz with fine grained sulfide	.007	.43	5820
89	92	same - still has fine sulfide	.010	.42	5821
92	95	same	.009	.28	5822
95	98	same but softer - more clay	.013	.24	5823
98	101	same - clay gouge with quartz vein	.013	.35	5824
101	104	quartz vein and clay gouge	.005	-.01	5825
104	107	quartz vein	.004	-.01	5826
107	110	white quartz vein; silicified andesite, less clay	.003	-.01	5827
110	113	quartz vein and clay; thick clay gouge at 113	.009	.52	5828
113	116	same	.009	.52	5829

ROTARY DRILL HOLE RECORD

PAUL D. NOLAND

HOLE NO.
MC-83-22

Page 2 of 2

Property MONTI CHRISTO

Location STOPEX Co., NV

Total Depth 180'

Collar El. 5441.5 Azimuth Dip 90° Hole Size 5 1/8"

Rig TH-60

Contractor HACKWORTH Start 4/1/83 Finish 4/1/83 Logged By PDN

SECTION		DESCRIPTION	OZ/TON		Sample No.		
FROM	TO		Au	Ag			
116	119	White quartz vein; No sulfides; clay gouge	.070	3.74	#5830		
119	122	Same with wet clay at 122; hole is making water	.024	1.12	5831		
122	125	white quartz; No sulfides, clay and water	.027	1.07	5832		
125	130	white and blue quartz; fine grained sulfides - wet	.046	.17	5833		
130	135	Same	.005	.08	5834		
135	140	bluish white quartz w/ fg sulfide - drier	.010	.17	5835		
140	145	grey quartz w/ pyrite - some silicified andosite w/ epidote	.008	.14	5836		
145	150	Same, less sulfide	.006	.27	5837		
150	155	Same, some epidote, still has pyrite	.005	.22	5838		
155	160	white quartz; silicified andosite; 2-5% pyrite; epidote	.003	.14	5839		
160	165	silicified andosite w/ pyrite - less gtz	.002	.28	5840		
165	170	Same	.003	.16	5841		
170	175	Same, less quartz; 5% fresh pyrite	.002	.14	5842		
175	180	Same; stockwork quartz? - some oxide	.007	.23	5843		

171.045

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

Date: November 10, 1988

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Laboratory number: 35427

Analytical Method: Fire AT

Your Order Number:

Report on: 9 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton
MCD SERIES		
1 236.6-240.3	-0.001	-0.01
1 310-315.5	-0.001	-0.01
1 322.2-326	-0.001	0.06
1 330.8-333.9	-0.001	-0.01
3 107.5-112	-0.001	-0.01
3 114-124	-0.001	-0.01
4 164.5-169	-0.001	-0.01
4 169-171.6	-0.001	-0.01
4 171.6-176.1	-0.001	-0.01

HUNTER MINING LABORATORY, INC.

H. H. Scales

H. H. Scales *as*

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

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Submitted by:

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1 236.6-240.3	-0.001	-0.01
1 310-315.5	-0.001	-0.01
1 322.2-326	-0.001	0.06
1 330.8-333.9	-0.001	-0.01
3 107.5-112	-0.001	-0.01
3 114-124	-0.001	-0.01
4 164.5-169	-0.001	-0.01
4 169-171.6	-0.001	-0.01
4 171.6-176.1	-0.001	-0.01

HUNTER MINING LABORATORY, INC.

H. H. Scales
H. H. Scales *es*

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

• SPARKS, NEVADA 89431

• TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Date: November 10, 1988

Laboratory number: 35421

Analytical Method: Fire AT

Your Order Number:

Report on: 14 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton

MCD-13 SERIES		
234-235.9	0.002	0.13
235.9-242.6	0.001	-0.01
242.6-244.6	0.001	0.02
244.6-247	-0.001	0.02
247-251.3	0.008	0.03
251.3-259	-0.001	0.08
265.9-277.5	-0.001	0.10
277.5-282	-0.001	-0.01
282-287	-0.001	0.03
287-292.8	-0.001	0.04
292.8-298.8	-0.001	0.07
354-355.5	-0.001	0.14
360-363	-0.001	0.08
374-375.7	0.002	0.10

HUNTER MINING LABORATORY, INC.

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994 GLENDALE AVENUE

• SPARKS, NEVADA 89431

• TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

Date: November 10, 1988

Laboratory number: 35421

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Analytical Method: Fire AT

Your Order Number:

Report on: 14 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton

MCD-13 SERIES		
234-235.9	0.002	0.13
235.9-242.6	0.001	-0.01
242.6-244.6	0.001	0.02
244.6-247	-0.001	0.02
247-251.3	0.008	0.03
251.3-259	-0.001	0.08
265.9-277.5	-0.001	0.10
277.5-282	-0.001	-0.01
282-287	-0.001	0.03
287-292.8	-0.001	0.04
292.8-298.8	-0.001	0.07
354-355.5	-0.001	0.14
360-363	-0.001	0.08
374-375.7	0.002	0.10

HUNTER MINING LABORATORY, INC.

H. H. Scales
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HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

• SPARKS, NEVADA 89431

• TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Date: November 10, 1988

Laboratory number: 35429

Analytical Method: Fire AT

Your Order Number:

Report on: 5 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton

MCD-12 SERIES		
152.7-157.2	-0.001	-0.01
157.2-161.7	-0.001	-0.01
161.7-165.7	-0.001	-0.01
165.7-166.5	-0.001	-0.01
166.5-172.5	0.006	0.36

HUNTER MINING LABORATORY, INC.

H. H. Scales
H. H. Scales *ES*

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Date: October 24, 1988

Laboratory number: 35285

Analytical Method: FIRE AT

Your Order Number:

Report on: 2 Samples, drill core

Sample Mark	Gold oz/ton	Silver oz/ton
MCD-5		
112(8)-118 5.2'	0.002	0.08
118-121(7) 3.7'	0.005	0.12

HUNTER MINING LABORATORY, INC.

H. H. Scales
H. H. Scales *es*

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

• SPARKS, NEVADA 89431 •

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Date: October 24, 1988

Laboratory number: 35285

Analytical Method: FIRE AT

Your Order Number:

Report on: 2 Samples, drill core

Sample Mark	Gold oz/ton	Silver oz/ton
MCD-5		
112(8)-118	0.002	0.08
118-121(7)	0.005	0.12

HUNTER MINING LABORATORY, INC.

H. H. Scales
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HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

Date: October 20, 1988

Laboratory number: 35271

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Analytical Method: Fire AT

Your Order Number:

Report on: 7 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton
MCD-2		
192-194(4)	-0.001	-0.01
194(4)-196(8)	-0.001	0.03
222(4)-226(7) 4.3	0.004	0.23
226(7)-231(9) 5.2	0.070	3.73
231(9)-237 5.1	0.032	2.07
237-242 5.0	0.019	1.02
242-247 5.6	0.003	-0.01

29.6 ' .027 / 1.47

HUNTER MINING LABORATORY, INC.

H. H. Scales

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HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

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Laboratory number: 35271

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Analytical Method: Fire AT

Your Order Number:

Report on: 7 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton
MCD-2		
192-194(4)	-0.001	-0.01
194(4)-196(8)	-0.001	0.03
222(4)-226(7)	0.004	0.23
226(7)-231(9)	0.070	3.73
231(9)-237	0.032	2.07
237-242	0.019	1.02
242-247	0.003	-0.01

HUNTER MINING LABORATORY, INC.

H. H. Scales

H. H. Scales

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

PORT OF ANALYSIS

Submitted by:

Date: November 11, 1988

Laboratory number: 35416

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Analytical Method: Fire AT
5AT B-roll

Your Order Number:

CRUSHED TO 1/4"

Report on: 8 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton	NaCN lbs/ton	CaO lbs/ton
MCD-16 SERIES				
82-85	-0.001	0.10		
85-88.6	0.001	0.03		
HEAD SAMPLES				
88.6-93.8 —	0.005 1	0.010 10%	0.58 53%	
93.8-99.2	0.038 4	0.035 29%	1.71 81%	
99.2-102.7	0.006 3	0.003 33%	0.37 0	
102.7-107.7	0.008 2	0.005 38%	0.49 100%	
107.7-113.7	0.031 6	0.076 19%	1.43 0	
113.7-118 —	0.011 5	0.017 21%	1.33 43%	
AU in solution				
88.6-93.8	0.002		2.9	2.5
93.8-99.2	0.011		3.7	3.0
99.2-102.7	0.002		3.1	2.4
102.7-107.7	0.003		2.9	2.4
107-113	0.006		3.0	2.2
113-118	0.003		3.1	2.3
TAILS				
88.6-93.8	0.005 → 0.003	0.27		

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE
APRAIRIE MINING LTD.

SPARKS, NEVADA 89431
Page: 2

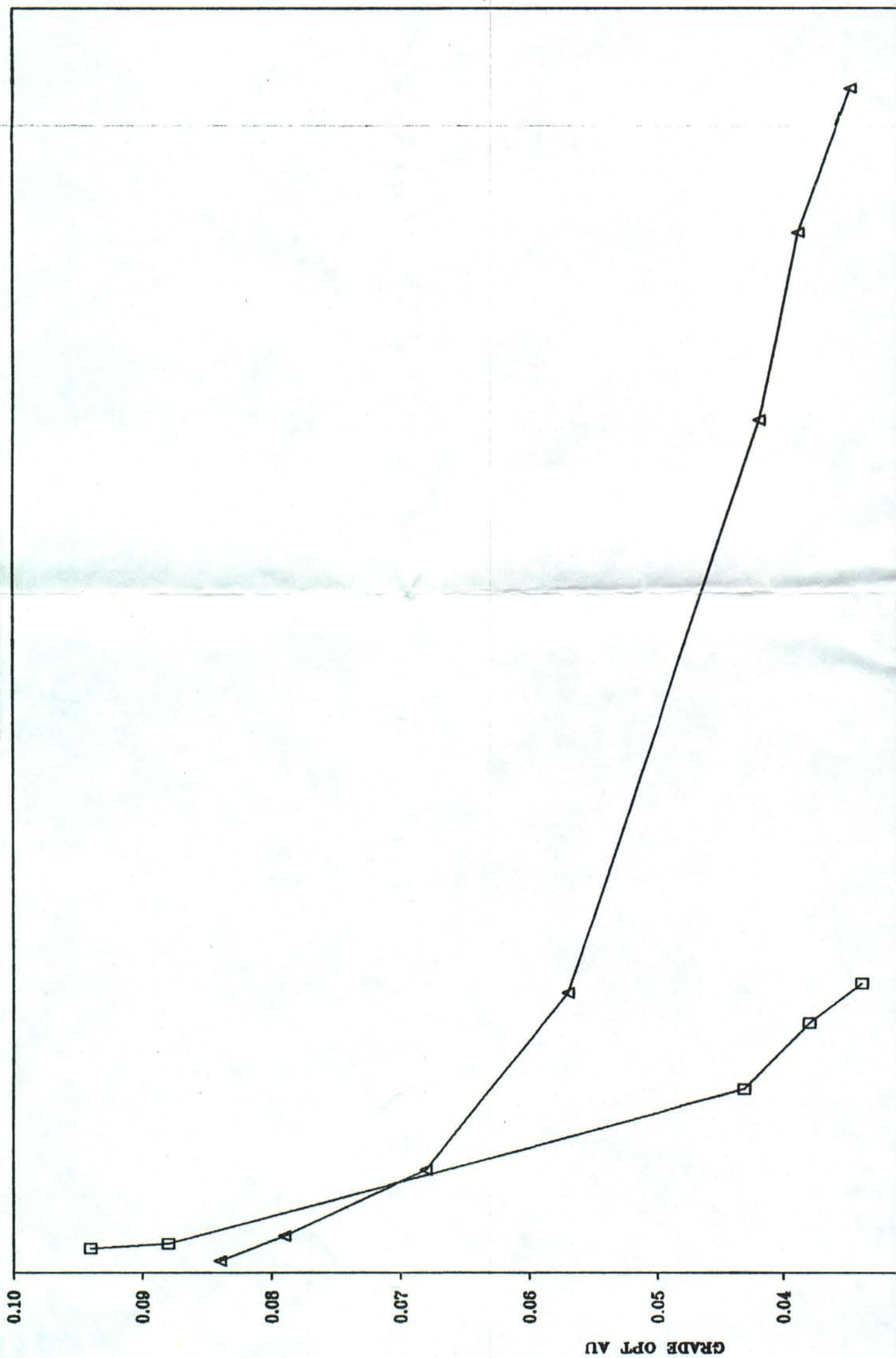
TELEPHONE: (702) 358-6227
Laboratory No: 35416

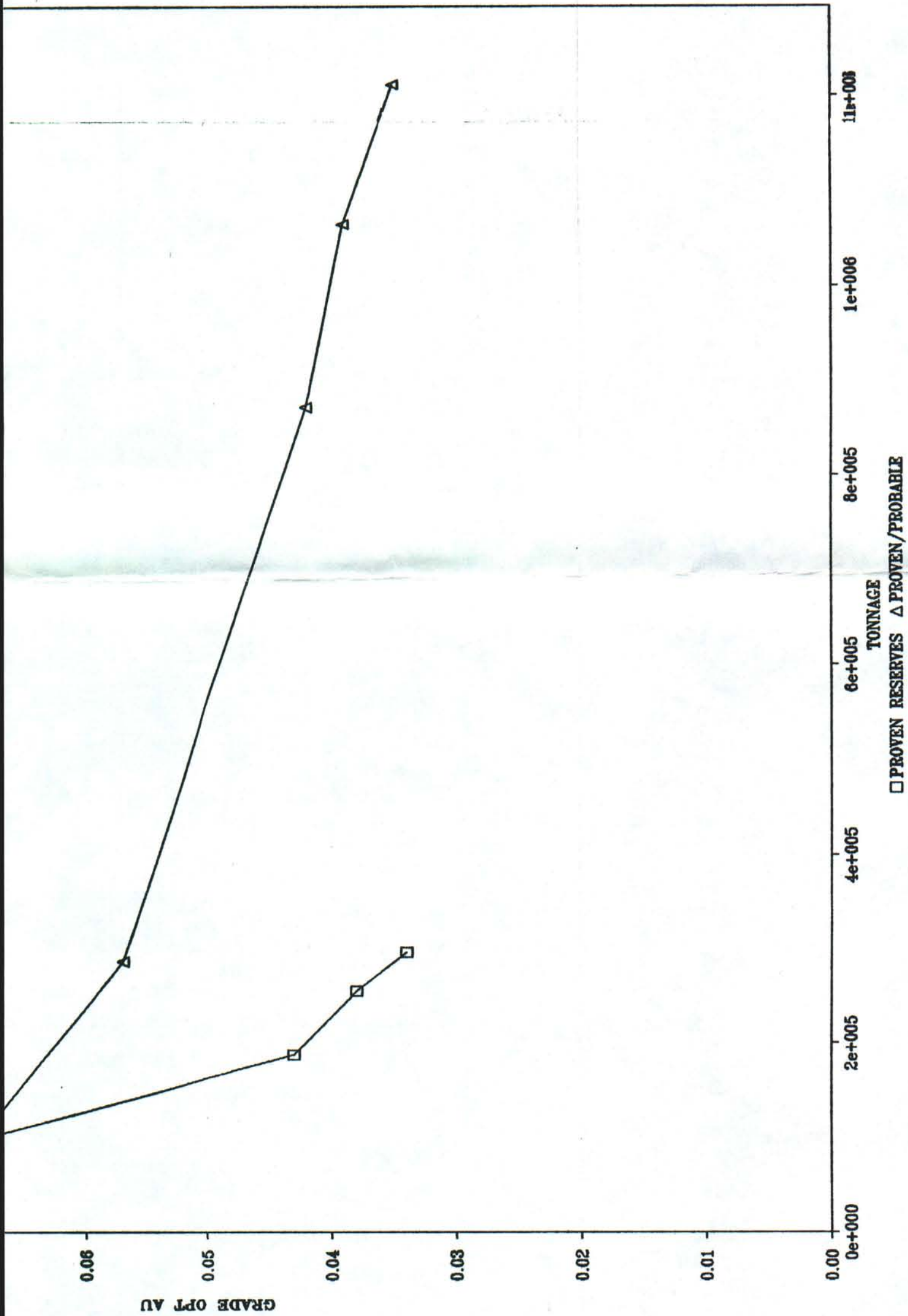
Sample Mark		Gold oz/ton	Silver oz/ton	NaCN lbs/ton	CaO lbs/ton
93.8-99.2	1038 →	0.027	0.32		
99.2-102.7	1006 →	0.004	0.98		
102.7-107	1008 →	0.005	-0.01		
107-113	1031 →	0.025	1.50		
113-118	1011 →	0.008	0.69		

HUNTER MINING LABORATORY, INC.

H. H. Scales
H. H. Scales -

MONTE CRISTO PROJECT





1-921 FR
22-42 2070
13-23 2045

4/26/88

MONTGOMERY CHRISTOPHER STOREY CO., NV.

22-102 AUG 1985
111-7-131 10-02

PROVEN RESERVES

TONS	AU	AG	GEOLOGIC
296,006	.034	1.4	10
255,422	.038	1.63	20
187,454	.043	2.0	30
30,286	.082	4.0	40
"	"	"	50
25,194	.094	4.3	60
"	"	"	70
13672	.105	4.7	

STRIPPING RATIO			TONS ORE	WASTE
SEL 70	08/3 5060	6.22 : 1	122,422 69652	2,151,543 433,235
SEL 150	1067 + 0650 3421 + 2064	3:20 : 1	305179	976573
SEL 300	1473 + 0953 1913 + 1928	1.60 : 1	327,322	619,715
SEL 440	289 384	1.32 : 1	91,744	122,020
			<hr/> 253897	<hr/> 2,151,543
			2.52 : 1	

PROVEN / PROB RESERVES SAY 3:1

TONS	GRADE		\$	@ 450 Au 650 Ag (Geol Reserves)
	AU	AG		
1,211,939	.035	1.3	\$8 ⁰⁰	@ ABOVE STRIP RATIO
1064603	.039	1.5	\$10 ⁰⁰	
871655	.042	1.7	\$120 ⁰⁰	
286037	.057	2.3	\$130 ⁰⁰	
105616	.068	2.9	\$40 ⁰⁰	
37,779	.079	3.6	\$50 ⁰⁰	
12,028	.084	3.9	\$60 ⁰⁰	
0	0	0	\$70 ⁰⁰	

31.4°

74.5%

170°

$$450 \times -6^{\circ} \times (31.4)$$

DRILL INTERCEPTS

HOW	W	N	ELEV	VERT W	AD	AG
7	164 W	784 S	5320	15.6	.02	0
20	316 W	479 S	5277	1.3	Tr.	.32
6	273 W	172 S	5357	6.3	.03	0
10	410 W	137 S	5423	43.1	0	.08
1	95 W	30.5 S	5242	29.5	.019	.77
9	352 W	50 N	5425	22.8	.037	.39
14	274 W	76 N	5361	45.2	.02	.7
4	184 W	72.5	5296	43.7	.025	1.12
19	480 E	197	4845	5.0	.013	Tr
2	104 W	125.5	5225	73.1	.039	1.6
16	244 W	151 N	5344	37.8	.160	1.86
5	276 W	135 N	5360	52.7	.048	2.09
18 B	307 W	134 N	5400	70.49	.035	.96
3	94 W	299 N	5243	92.68	.033	1.57
17	182 W	433 N	5372	24	.04	3.02
22	163 W	438 N	5348	65	.019	.23
23	160 W	485 N	5338	25	.035	.34
24	162 W	461 N	5349	25	.047	2.43
25	184 W	453 N	5358	45	.029	.93
26	166 W	414 N	5367	50	.052	2.8
27	168 W	389 N	5351	55	.105	4.7
28	147 W	423 N	5370	35	.022	.92
29 y-	142 W	499 N	5407	40	.009	.14
30	194 W	430 N	5364	20	.033	2.00

51140

1926
27 752
53 716

MONTE CRISTO HOLE COORDINATES

#	N	W
1	-31	+44E
2	125	+42E
3	299	+43E
4	73	-91W
5	+135	-218W
6	-182	-221
7	-796	-149W
8	505N	-318W
9	+49	-331
10	-115	-370
11	349	+41E
12	447	+42E
13	348	+176E
14	+74	-220
15	+347	-86W
16	+150	-178W
17	433	-128
18A	+170	-274W
18B	+133	-274W
19	197	+477E
20	-479	-200W
21	551N	+265E
22	438	-163W
23	485	-160W
24	461	-162W
25	453	-184W
26	414	-166W
27	389	-168W
28	423	-147W
29	449	-142W
30	430	-194W

BOUNDARY FILE

	1	0
Hole 1	-414W	-2755
Hole 2	-221	-182
3	+44	-31
4	+42	125
Hole 3	+43	299
6	+128	447
7	-318	505
8	-423	450
9	-425	140
9	-425	-150

4. GRADE RESERVES

— 300 N

- 150 N

MONTE CHRISTO AU GRADES

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000
0	0	0	0	0	0	0	0	0	0	0	0.16	0	0	0	0	0	0	0	0	0	0.165
0	0	0	0	0	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0	0	0	0.188
0	0	0	0	0	0	0	0	0	0	0	0.20	0.20	0.19	0.18	0	0	0	0	0	0	0.197
0	0	0	0	0	0	0	0	0	0	0	0.20	0.20	0.19	0.19	0.18	0	0	0	0	0	0.197
0	0	0	0	0	0	0	0	0	0	0	0.19	0.20	0.19	0.19	0.19	0.18	0	0	0	0	0.196
0	0	0	0	0	0	0	0	0	0	0	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0	0	0	0.195
0	0	0	0	0	0	0	0	0	0	0	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0	0	0.193
0	0	0	0	0	0	0	0	0	0	0	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0	0.193
0	0	0	0	0	0	0	0	0	0	0	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0	0.191
0	0	0	0	0	0	0	0	0	0	0	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.189
0	0	0	0	0	0	0	0	0	0	0	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.188
0	0	0	0	0	0	0	0	0	0	0	0.17	0.17	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.187
0	0	0	0	0	0	0	0	0	0	0	0.16	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.186
0	0	0	0	0	0	0	0	0	0	0	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.182
0	0	0	0	0	0	0	0	0	0	0	0.15	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.181
0	0	0	0	0	0	0	0	0	0	0	0.14	0.15	0.16	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.180
0	0	0	0	0	0	0	0	0	0	0	0.14	0.14	0.15	0.16	0.16	0.17	0.18	0.19	0.19	0.20	0.179
0	0	0	0	0	0	0	0	0	0	0	0.13	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.20	0.171
0	0	0	0	0	0	0	0	0	0	0	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.169
0	0	0	0	0	0	0	0	0	0	0	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.168
0	0	0	0	0	0	0	0	0	0	0	0.10	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.156
0	0	0	0	0	0	0	0	0	0	0	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.20	0.154
0	0	0	0	0	0	0	0	0	0	0	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.17	0.19	0.21	0.152
0	0	0	0	0	0	0	0	0	0	0	0.07	0.08	0.09	0.10	0.12	0.13	0.15	0.17	0.19	0.21	0.151
0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.07	0.08	0.10	0.11	0.13	0.15	0.17	0.20	0.134
0	0	0	0	0	0	0	0	0	0	0	0.03	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.18	0.20	0.132
0	0	0	0.05	0.04	0.04	0.05	0.06	0.07	0.09	0.11	0.13	0.15	0.18	0.21	0.24	0.28	0.31	0	0	0	0.119
0	0	0	0.06	0.05	0.05	0.05	0.06	0.07	0.09	0.10	0.12	0.15	0.18	0.21	0.25	0.29	0.33	0	0	0	0.121
0	0	0	0.05	0.05	0.05	0.06	0.07	0.08	0.10	0.12	0.15	0.17	0.21	0.24	0	0	0	0	0	0	0.106
0	0	0	0.05	0.05	0.06	0.07	0.08	0.10	0.12	0.14	0.17	0.20	0	0	0	0	0	0	0	0	0.101
0	0	0	0	0	0.06	0.06	0.07	0.08	0.09	0.11	0.13	0.16	0	0	0	0	0	0	0	0	0.094
0	0	0	0	0	0	0	0.06	0.07	0.08	0.10	0.12	0	0	0	0	0	0	0	0	0	0.092
0	0	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0	0	0	0	0	0	0.075
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000

MONTE CRISTO AG GRADES

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
0	0	0	0	0	0	0	0	0	0	0	1.89	0	0	0	0	0	0	0	0	0	1.90
0	0	0	0	0	0	0	0	0	0	0	1.75	1.93	0	0	0	0	0	0	0	0	1.84
0	0	0	0	0	0	0	0	0	0	0	2.29	1.72	1.88	2.06	0	0	0	0	0	0	2.00
0	0	0	0	0	0	0	0	0	0	0	2.35	1.73	1.87	2.04	2.24	0	0	0	0	0	2.05
0	0	0	0	0	0	0	0	0	0	0	2.41	3.44	1.88	2.04	2.09	2.31	0	0	0	0	2.39
0	0	0	0	0	0	0	0	0	0	0	2.48	2.59	1.89	1.92	2.10	2.32	2.57	0	0	0	2.27
0	0	0	0	0	0	0	0	0	0	0	2.45	2.54	2.65	1.91	1.93	2.12	2.35	2.61	2.90	0	2.38
0	0	0	0	0	0	0	0	0	0	0	2.50	2.60	2.72	1.79	1.95	2.15	2.38	2.65	2.96	0	2.41
0	0	0	0	0	0	0	0	0	0	0	2.56	2.66	2.49	1.80	1.97	2.17	2.41	2.69	3.03	3.43	2.49
0	0	0	0	0	0	0	0	0	0	0	2.51	2.60	2.41	2.56	3.47	1.99	2.20	2.44	2.74	3.09	2.73
0	0	0	0	0	0	0	0	0	0	0	2.55	2.65	2.46	2.62	3.47	2.00	2.21	2.47	2.77	3.15	2.87
0	0	0	0	0	0	0	0	0	0	0	2.58	2.38	2.51	2.67	2.86	2.01	2.23	2.48	2.80	3.18	2.81
0	0	0	0	0	0	0	0	0	0	0	2.61	2.41	2.55	2.72	2.92	3.67	2.23	2.49	2.81	3.19	3.04
0	0	0	0	0	0	0	0	0	0	0	2.53	2.31	2.44	2.59	2.76	2.97	3.63	2.22	2.49	2.80	2.89
0	0	0	0	0	0	0	0	0	0	0	2.55	2.33	2.46	2.62	2.80	3.01	3.25	3.86	2.48	2.79	2.99
0	0	0	0	0	0	0	0	0	0	0	2.56	2.34	2.48	2.64	2.83	3.04	3.29	3.81	2.45	2.76	3.12
0	0	0	0	0	0	0	0	0	0	0	2.22	2.35	2.50	2.66	2.85	3.07	3.32	3.62	4.05	2.73	3.27
0	0	0	0	0	0	0	0	0	0	0	2.47	2.22	2.36	2.51	2.68	2.87	3.09	3.35	3.64	3.97	3.04
0	0	0	0	0	0	0	0	0	0	0	2.46	2.22	2.35	2.51	2.68	2.88	3.10	3.36	3.66	4.00	3.22
0	0	0	0	0	0	0	0	0	0	0	2.09	2.21	2.35	2.50	2.68	2.88	3.11	3.37	3.67	4.01	3.26
0	0	0	0	0	0	0	0	0	0	0	2.34	2.07	2.20	2.34	2.50	2.67	2.88	3.11	3.37	3.67	3.07
0	0	0	0	0	0	0	0	0	0	0	2.33	2.05	2.18	2.32	2.48	2.66	2.87	3.10	3.36	3.66	3.12
0	0	0	0	0	0	0	0	0	0	0	2.31	2.03	2.16	2.30	2.46	2.64	2.85	3.08	3.35	3.65	3.11
0	0	0	0	0	0	0	0	0	0	0	2.29	2.00	2.13	2.27	2.44	2.62	2.83	3.06	3.33	4.63	3.15
0	0	0	0	0	0	0	0	0	0	0	2.17	2.27	1.97	2.10	2.24	2.41	2.59	2.80	3.03	3.30	2.89
0	0	0	0	0	0	0	0	0	0	0	2.14	2.24	1.93	2.06	2.21	2.37	2.55	2.76	2.99	3.26	2.85
0	0	0	0	0	0	0	0	0	0	0	2.20	1.89	2.02	2.17	2.33	2.51	2.72	2.95	3.21	4.60	2.11
0	0	0	0	0	0	0	0	0	0	0	2.16	1.84	1.97	2.12	2.28	2.46	2.66	2.89	3.15	4.56	2.07
0	0	0	0	0	0	0	0	0	0	0	1.79	1.93	2.07	2.23	2.41	2.61	2.83	4.17	4.51	0	1.78
0	0	0	0	0	0	0	0	0	0	0	1.74	1.88	2.02	2.18	2.35	2.54	2.76	4.11	0	0	1.78
0	0	0	0	0	0	0	0	0	0	0	1.79	1.83	1.97	2.13	2.29	2.47	2.67	0	0	0	1.81
0	0	0	0	0	0	0	0	0	0	0	1.87	1.92	2.07	2.22	2.39	0	0	0	0	0	2.08
0	0	0	0	0	0	0	0	0	0	0	1.96	2.01	0	0	0	0	0	0	0	0	1.99
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

MONTE CHRISTO VEIN TRUE WIDTHS

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	17.9	0	0	0	0	0	0	0	0	0	17.902	0
0	0	0	0	0	0	0	0	0	0	0	18.8	17.5	0	0	0	0	0	0	0	0	36.405	0
0	0	0	0	0	0	0	0	0	0	0	19.2	18.6	17.5	16.5	0	0	0	0	0	0	71.981	0
0	0	0	0	0	0	0	0	0	0	0	18.5	17.9	17.1	16.1	15.2	0	0	0	0	0	85.124	0
0	0	0	0	0	0	0	0	0	0	0	17.8	17.2	16.5	15.7	14.8	13.9	0	0	0	0	96.129	0
0	0	0	0	0	0	0	0	0	0	0	17.0	16.5	15.9	15.1	14.3	13.4	12.5	0	0	0	105.07	0
0	0	0	0	0	0	0	0	0	0	0	16.7	16.4	15.8	15.2	14.5	13.7	12.9	12.0	11.2	0	128.82	0
0	0	0	0	0	0	0	0	0	0	0	16.1	15.7	15.2	14.6	13.9	13.1	12.3	11.5	10.6	0	123.32	0
0	0	0	0	0	0	0	0	0	0	0	15.5	15.1	14.5	13.9	13.2	12.5	11.7	10.9	10.1	9.30	127.24	0
0	0	0	0	0	0	0	0	0	0	0	15.3	14.9	14.5	13.9	13.3	12.7	11.9	11.2	10.4	9.59	144.85	0
0	0	0	0	0	0	0	0	0	0	0	14.8	14.4	13.9	13.4	12.8	12.1	11.4	10.7	9.93	9.12	145.16	0
0	0	0	0	0	0	0	0	0	0	0	14.3	13.8	13.4	12.8	12.2	11.6	10.9	10.2	9.49	8.72	139.34	0
0	0	0	0	0	0	0	0	0	0	0	13.8	13.3	12.9	12.3	11.7	11.1	10.5	9.82	9.11	8.38	134.23	0
0	0	0	0	0	0	0	0	0	0	0	13.7	13.3	12.9	12.4	11.9	11.3	10.7	10.1	9.44	8.77	137.13	0
0	0	0	0	0	0	0	0	0	0	0	13.3	12.9	12.4	11.9	11.4	10.9	10.3	9.72	9.10	8.47	132.47	0
0	0	0	0	0	0	0	0	0	0	0	12.9	12.5	12.0	11.5	11.0	10.5	9.95	9.37	8.78	8.18	128.08	0
0	0	0	0	0	0	0	0	0	0	0	12.5	12.1	11.6	11.1	10.6	10.1	9.59	9.04	8.48	7.92	123.91	0
0	0	0	0	0	0	0	0	0	0	0	12.5	12.1	11.7	11.2	10.7	10.2	9.78	9.26	8.73	8.19	126.30	0
0	0	0	0	0	0	0	0	0	0	0	12.2	11.8	11.3	10.9	10.4	9.94	9.44	8.94	8.43	7.92	122.23	0
0	0	0	0	0	0	0	0	0	0	0	11.8	11.4	11.0	10.5	10.0	9.60	9.12	8.63	8.13	7.65	118.27	0
0	0	0	0	0	0	0	0	0	0	0	11.9	11.5	11.1	10.6	10.2	9.74	9.27	8.80	8.32	7.85	120.33	0
0	0	0	0	0	0	0	0	0	0	0	11.6	11.2	10.7	10.3	9.87	9.42	8.95	8.49	8.03	7.57	116.41	0
0	0	0	0	0	0	0	0	0	0	0	11.3	10.9	10.4	10.0	9.55	9.10	8.64	8.19	7.74	7.29	112.56	0
0	0	0	0	0	0	0	0	0	0	0	11.0	10.5	10.1	9.68	9.23	8.78	8.33	7.89	7.45	7.02	108.75	0
0	0	0	0	0	0	0	0	0	0	0	11.1	10.7	10.2	9.82	9.37	8.92	8.47	8.03	7.59	7.16	110.60	0
0	0	0	0	0	0	0	0	0	0	0	10.8	10.4	9.97	9.52	9.06	8.61	8.17	7.73	7.30	6.88	106.86	0
0	0	11.9	11.2	10.6	10.1	9.69	9.22	8.76	8.31	7.87	7.44	7.02	6.61	6.21	5.82	5.44	0	0	0	0	126.54	0
0	0	11.7	11.0	10.4	9.93	9.42	8.93	8.46	8.01	7.57	7.15	6.74	6.34	5.95	5.57	5.2	0	0	0	0	122.58	0
0	0	0	10.7	10.2	9.65	9.13	8.63	8.16	7.70	7.27	6.86	6.46	6.07	5.70	0	0	0	0	0	0	96.691	0
0	0	0	0	9.89	9.35	8.83	8.32	7.85	7.40	6.97	6.57	6.19	5.82	0	0	0	0	0	0	0	77.241	0
0	0	0	0	0	9.03	8.51	8.00	7.52	7.08	6.67	6.29	5.93	0	0	0	0	0	0	0	0	59.077	0
0	0	0	0	0	0	7.68	7.19	6.76	6.37	6.02	0	0	0	0	0	0	0	0	0	0	34.046	0
0	0	0	0	0	0	0	6.86	6.44	0	0	0	0	0	0	0	0	0	0	0	0	13.306	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3449.0

300 M

150 M

330

BL

MONTE CHRISTO FO AU

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	2.95	0	0	0	0	0	0	0	0	0	2.9502
0	0	0	0	0	0	0	0	0	0	0	3.63	3.21	0	0	0	0	0	0	0	0	6.8509
0	0	0	0	0	0	0	0	0	0	0	3.92	3.75	3.39	3.07	0	0	0	0	0	0	14.153
0	0	0	0	0	0	0	0	0	0	0	3.73	3.62	3.38	3.11	2.85	0	0	0	0	0	16.727
0	0	0	0	0	0	0	0	0	0	0	3.55	3.46	3.28	3.06	2.83	2.60	0	0	0	0	18.818
0	0	0	0	0	0	0	0	0	0	0	3.36	3.29	3.15	2.97	2.76	2.55	2.35	0	0	0	20.471
0	0	0	0	0	0	0	0	0	0	0	3.21	3.19	3.12	3.00	2.84	2.67	2.48	2.28	2.10	0	24.923
0	0	0	0	0	0	0	0	0	0	0	3.04	3.02	2.95	2.85	2.71	2.55	2.38	2.20	2.02	0	23.768
0	0	0	0	0	0	0	0	0	0	0	2.88	2.85	2.79	2.70	2.58	2.43	2.28	2.11	1.93	1.76	24.362
0	0	0	0	0	0	0	0	0	0	0	2.74	2.73	2.70	2.64	2.56	2.45	2.32	2.17	2.01	1.85	27.389
0	0	0	0	0	0	0	0	0	0	0	2.59	2.58	2.55	2.50	2.42	2.32	2.21	2.07	1.93	1.77	27.293
0	0	0	0	0	0	0	0	0	0	0	2.45	2.44	2.41	2.36	2.29	2.21	2.10	1.98	1.85	1.71	26.079
0	0	0	0	0	0	0	0	0	0	0	2.31	2.30	2.28	2.23	2.18	2.10	2.01	1.90	1.79	1.66	25.025
0	0	0	0	0	0	0	0	0	0	0	2.18	2.18	2.17	2.15	2.12	2.07	2.00	1.92	1.83	1.73	24.959
0	0	0	0	0	0	0	0	0	0	0	2.05	2.05	2.05	2.03	2.01	1.97	1.91	1.85	1.77	1.69	23.947
0	0	0	0	0	0	0	0	0	0	0	1.92	1.93	1.93	1.92	1.90	1.87	1.83	1.78	1.72	1.65	23.012
0	0	0	0	0	0	0	0	0	0	0	1.79	1.81	1.81	1.81	1.81	1.79	1.76	1.73	1.68	1.62	22.146
0	0	0	0	0	0	0	0	0	0	0	1.65	1.67	1.69	1.70	1.71	1.72	1.71	1.70	1.68	1.64	21.565
0	0	0	0	0	0	0	0	0	0	0	1.52	1.54	1.57	1.60	1.62	1.63	1.64	1.64	1.63	1.61	20.684
0	0	0	0	0	0	0	0	0	0	0	1.39	1.42	1.45	1.49	1.53	1.56	1.58	1.59	1.60	1.59	19.862
0	0	0	0	0	0	0	0	0	0	0	1.22	1.25	1.29	1.34	1.39	1.44	1.49	1.52	1.55	1.57	18.815
0	0	0	0	0	0	0	0	0	0	0	1.08	1.11	1.17	1.23	1.30	1.36	1.42	1.47	1.52	1.55	17.958
0	0	0	0	0	0	0	0	0	0	0	0.93	0.98	1.05	1.13	1.21	1.29	1.36	1.43			

MONTE CHRISTO FO AG

9262.5

Monte Christo Reserves 11/22/88

FO	CUTOFF	TONS	GRADE		OZ		AU CG
			AU	AG	AU	AG	
AU	AG						
0	0	930,642	.045	1.72	41,831	1,599,413	61
.5	15	826,412	.047	1.90	39,130	1,567,213	61
1	30	753,491	.049	1.97	36,755	1,484,118	58
1.5	45	658,993	.050	2.05	33,095	1,347,723	52
2	60	529,039	.052	2.15	27,582	1,135,047	44
2.5	75	337,298	.055	2.37	18,654	800,247	30
3	90	174,061	.060	2.63	10,409	457,780	17K
3.5	105	83,430	.067	2.97	5,595	247,661	9K
4	120	38,403	.074	3.31	2,850	127,107	5K
4.5	135	15,821	.082	3.66	1,297	57,927	2K
5	150	3,911	.090	4.03	353	15,770	.5
5.5	165	0					

Final Reserves Monte Christo

826,400 TONS ORE
.047 OPT AU
1.90 OPT AG
2,928,000 TONS WASTE

3.54 : 1 STRIP RATIO

10^4 OPERATING COST

30° gross @ 50% = 15°

150 Profit = \$3,720,000 profit

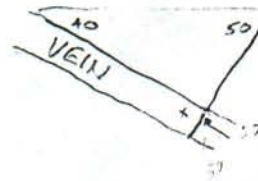
Dimensions:

Ave 37' TRUE WIDTH
45' VERTICAL WIDTH

440' LONG
500' HORIZ = 610' ON DIP

DIPS @ 35° EAST

100
390 X



$V = 1.305 \times$
 $\frac{100 \times 10 \times \frac{x}{y}}{V}$
 $V = \frac{x}{\cos 40}$

MONTE CRISTO VEIN ONLY

LE(DIP)	FT	VERT. INT.	AU	AG
(70°) -164	-784	2.2	.028	0
30°) -95	-30.5	21.3	.018	.54
-273	-177.5	0	0	0
-127	72.5	42.7	.026	1.14
-353	50	10.4	.032	.69
-275	76	20.6	.026	1.23
-246	151	37.8	.023	.87
-308	134	51.2	.042	1.28
-275	135	32.6	.059	3.10
-105	125.5	3.0	.027	1.53
-92	294	24	0	0
-67	447.5	25.0	0	0
		22.6	0	0
-192	433	66.8	.025	1.44
-174	437	17	.045	1.94 ✓
-171	483	20	.019	.45 ✓
-174	460	25	.047	2.44 ✓
-143	450	45	.029	.93
-204	430	35	.027	1.43
-176	390	40	.136	6.13
-177	413	75	.037	1.96
-154	449	10	.003	.22
-158	423	20	.024	1.11

Monte Christo LG Intercepts

35° DIP

DEPTH TO ORE

HOLE	E	N	FF	AU	AG	90'	%
23	-171	483	25	.035	.34	90'	
24	-174	460	25	.047	2.44	80'	
25	-174	450	45	.029	.93	60'	
26	-177	413	50	.052	2.8	50'	
27	-167	390	55	.105	4.7	65'	
28	-158	423	35	.022	.92	55'	
29	-154	449	40	.009	.14	15'	
30	-204	430	45	.031	1.16	60'	
22	-174	437	17	.045	1.94	113'	
7	-164	-784	14	.020	nd	34'	
20	-319	-381	1'	tr	.32	170	134'
10	-383	-115	NEED TO	SPLIT	10.5 → 21.2		
6	-273	-177.5	4.9	.03	nd	68	61'
1	-95	-30.5	22.6	.018	.54	172	158'
9	-353	50	7'	.054	.23		24'
14	-275	76	25.6	.019	.78	67	57'
4	-187	72.5	15.1	.048	2.18	128	110'
18	-308	134	48.6'	.038	1.09	40	2.4
5	-275	135	36.1	.053	2.15	62	52'
16	-246	151	29.4	.023	.89	25	72'
2	-105	174.5	37.8	.070	3.12	176	164'
15	HIT	STOPE	125.5				
11	HIT	STOPE					
3	-92	299	65.3	.036	1.81	161	135'
13	HIT	STOPE					
8	MISS	VEIN					
17	-192	433	38.2	.031	1.69		57
12	-67	447.5	19.6	-	-	130	117
21	- NO	VEIN -					

-485 → 44

@ 15' (10' - 0.10' 18' 11')

(67' 9' - 21' 21' 57' 11')

MONTE CRISTO PROJECT
PROJECTED CASH FLOW

MONTH	G&A COST	TONS PER MONTH MINED	MINING COST PER TON	TONS PER MONTH LEACHED	OPT AU	OPT AG	LEACHING COST	MONTHLY OPERATING COST	RECOVER AU AT 65%	OUNCES AG AT 50%	ROYALTY NSR/NPR 10.00%	REVENUE	OPERATING PROFIT	CAPITAL COST	DEPRECIATION PER YEAR 20.00%	DEPLETION 15.00%	TAXABLE INCOME	TAX AT 34.00%	CASH FLOW	CUM CASH FLOW
1	\$5,000	0	\$0	0			\$0	\$5,000	0	0	\$3,000	\$0	(\$8,000)	\$500,000	\$100,000	\$0	(\$108,000)	\$0	(\$505,000)	(\$505,000)
2	\$5,000	0	\$0	0			\$0	\$5,000	0	0	\$3,000	\$0	(\$8,000)	\$500,000	\$200,000	\$0	(\$208,000)	\$0	(\$505,000)	(\$1,010,000)
3	\$5,000	170,000	\$255,000	0	0.042	1.70	\$0	\$280,000	0	0	\$3,000	\$0	(\$263,000)	\$500,000	\$300,000	\$0	(\$563,000)	\$0	(\$760,000)	(\$1,770,000)
4	\$5,000	170,000	\$255,000	10,000	0.042	1.70	\$60,000	\$320,000	273	8,500	\$17,264	\$172,640	(\$164,624)	\$500,000	\$400,000	\$0	(\$564,624)	\$0	(\$647,360)	(\$2,417,360)
5	\$5,000	170,000	\$255,000	50,000	0.042	1.70	\$300,000	\$560,000	1,365	42,500	\$86,320	\$863,200	\$216,880	\$50,000	\$320,000	\$129,480	(\$322,600)	\$0	\$253,200	(\$2,164,160)
6	\$5,000	170,000	\$255,000	50,000	0.042	1.70	\$300,000	\$560,000	1,365	42,500	\$86,320	\$863,200	\$216,880	\$50,000	\$320,000	\$129,480	(\$322,600)	\$0	\$253,200	(\$1,910,960)
7	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$230,000	\$181,272	(\$3,640)	\$0	\$478,480	(\$1,432,480)
8	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$140,000	\$181,272	\$154,360	\$52,482	\$425,998	(\$1,006,482)
9	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$50,000	\$181,272	\$244,360	\$83,082	\$395,398	(\$811,085)
10	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$50,000	\$181,272	\$244,360	\$83,082	\$395,398	\$179,710
11	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$50,000	\$181,272	\$244,360	\$83,082	\$395,398	\$575,108
12	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$50,000	\$181,272	\$244,360	\$83,082	\$395,398	\$970,506
13	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$40,000	\$181,272	\$304,208	\$103,431	\$425,049	\$1,395,555
14	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$30,000	\$181,272	\$314,208	\$106,831	\$421,649	\$1,817,204
15	\$5,000	170,000	\$255,000	70,000	0.042	1.70	\$420,000	\$680,000	1,911	59,500	\$120,848	\$1,208,480	\$407,632	\$50,000	\$20,000	\$181,272	\$451,708	\$153,581	\$502,399	\$2,319,603
16	\$5,000	85,000	\$127,500	70,000	0.042	1.70	\$420,000	\$552,500	1,911	59,500	\$3,000	\$1,208,480	\$780,480	\$0	\$20,000	\$181,272	\$579,208	\$196,931	\$586,549	\$2,906,153
17	\$5,000	0	\$0	70,000	0.042	1.70	\$420,000	\$425,000	1,911	59,500	\$3,000	\$1,208,480	\$780,480	\$0	\$20,000	\$181,272	\$579,208	\$196,931	\$586,549	\$2,906,153
	\$85,000	2,295,000	\$3,442,500	880,000			\$5,280,000	\$8,807,500	24,024	748,000	\$648,840	\$15,192,320	\$5,735,980	\$2,450,000	\$2,460,000	\$2,252,952	\$1,023,028	\$1,028,667	\$2,906,153	\$2,906,153

IRR AS A YEARLY RATE = 300.00% (GUESS)
NET PRESENT VALUE AT 119.30% (ACTUAL)
20.00% PER ANNUM

MONTI CHRISTO PROJECT
PROJECTED CASH FLOW

AU \$428.00 PER OUNCE
AG \$6.50 PER OUNCE

MONTH	G&A & DRILLING PER MONTH COST	TONS MINED	MINING COST PER MONTH \$1.20	TONS LEACHED	OPT AU	OPT LEACHING AG COST	MONTHLY OPERATING COST	RECOVER AU AT 55%	OUNCES AG AT 45%	ROYALTY NSR/NPR 10.00%	GROSS REVENUE	OPERATING PROFIT	CAPITAL COST	DEPRECIATION 20.00% PER YEAR	DEPLETION 15.00%	TAXABLE INCOME	TAX AT 34.00%	CASH FLOW	CUM CASH FLOW
0	\$180,000	0	\$0	0			\$0	0	0	\$3,000	\$0	(\$183,000)	\$0	\$0	\$0	(\$183,000)	\$0	(\$180,000)	(\$180,000)
1	\$180,000	0	\$0	0			\$0	0	0	\$3,000	\$0	(\$183,000)	\$5,000	\$1,022,000	\$0	(\$1,205,000)	\$0	(\$185,000)	(\$365,000)
2	\$10,000	0	\$0	0			\$0	0	0	\$3,000	\$0	(\$13,000)	\$10,000	\$1,021,000	\$0	(\$1,034,000)	\$0	(\$20,000)	(\$385,000)
3	\$5,000	170,000	\$204,000	0			\$0	0	0	\$3,000	\$0	(\$212,000)	\$25,000	\$11,000	\$0	(\$223,000)	\$0	(\$224,000)	(\$609,000)
4	\$5,000	170,000	\$204,000	0			\$0	0	0	\$3,000	\$0	(\$212,000)	\$50,000	\$21,000	\$0	(\$223,000)	\$0	(\$234,000)	(\$843,000)
5	\$5,000	170,000	\$204,000	0			\$0	0	0	\$3,000	\$0	(\$212,000)	\$500,000	\$121,000	\$0	(\$333,000)	\$0	(\$259,000)	(\$1,102,000)
6	\$5,000	170,000	\$204,000	0			\$0	0	0	\$3,000	\$0	(\$212,000)	\$500,000	\$221,000	\$0	(\$433,000)	\$0	(\$709,000)	(\$1,811,000)
7	\$5,000	170,000	\$204,000	0			\$0	0	0	\$3,000	\$0	(\$212,000)	\$500,000	\$321,000	\$0	(\$533,000)	\$0	(\$709,000)	(\$2,520,000)
8	\$5,000	170,000	\$204,000	0			\$0	0	0	\$3,000	\$0	(\$212,000)	\$500,000	\$421,000	\$0	(\$548,766)	\$0	(\$612,907)	(\$3,841,907)
9	\$5,000	170,000	\$204,000	10,000	0.042	\$25,500	\$261,500	231	7,650	\$14,859	\$148,593	(\$127,766)	\$500,000	\$431,000	\$111,445	(\$345,276)	\$0	\$221,465	(\$3,620,442)
10	\$5,000	170,000	\$204,000	50,000	0.042	\$262,500	\$471,500	1,155	38,250	\$74,297	\$742,965	\$197,169	\$50,000	\$320,000	\$111,445	(\$234,276)	\$0	\$221,465	(\$3,398,977)
11	\$5,000	170,000	\$204,000	50,000	0.042	\$262,500	\$471,500	1,155	38,250	\$74,297	\$742,965	\$197,169	\$50,000	\$320,000	\$111,445	(\$234,276)	\$0	\$413,651	(\$2,985,326)
12	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$230,000	\$156,023	(\$26,387)	\$21,629	\$392,022	(\$2,593,304)
13	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$140,000	\$156,023	\$63,613	\$21,629	\$341,821	(\$2,251,482)
14	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	(\$1,909,661)
15	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	(\$1,567,839)
16	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	(\$1,226,018)
17	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	(\$884,196)
18	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	(\$510,519)
19	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	(\$140,241)
20	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$345,436
21	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$690,872
22	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$1,032,693
23	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$1,374,514
24	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$1,716,335
25	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$2,058,156
26	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$2,400,000
27	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$2,741,821
28	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$3,083,642
29	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$3,425,463
30	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$3,767,284
31	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$4,109,105
32	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$4,450,926
33	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$4,792,747
34	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$5,134,568
35	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$5,476,389
36	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$5,818,210
37	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$6,160,031
38	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$6,501,852
39	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$6,843,673
40	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$7,185,494
41	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$7,527,315
42	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$7,869,136
43	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$8,210,957
44	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$8,552,778
45	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$8,894,599
46	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$9,236,420
47	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$9,578,241
48	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$9,920,062
49	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$10,261,883
50	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$10,603,704
51	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$10,945,525
52	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$341,821	\$11,287,346
53	\$5,000	170,000	\$204,000	70,000	0.042	\$367,500	\$576,500	1,617	53,550	\$104,015	\$1,040,151	\$359,636	\$50,000	\$50,000	\$156,023	\$211,263	\$71,830	\$	

Distance To

FRAC TURE AND ESI TE ZONE

Horizontal

LEGEND

LEVEL OUTLINE.

STRIKE AND DIRECTION OF DIP.

CROSS FRACTURING.

FRACTURED ANDESITE IN VARYING DEGREES OF ALTERATION.

ORE BEARING QUARTZ.

Position

FAULT ZONE

MINZE

Sloped

FOOT WALL

SHAFT

FINE ANDESITE

GRAINED
THIS
FROM SHAFT
NOW USED
FOR WATER STORAGE

SOUTH DRIFT

Zone HANGING WALL

This level appears to be the segment of an ore body on per ton is twenty (20) feet long and four (4) feet wide. This level is sunk on it. Estimate average of vein along hanging wall will assay on an average of seventy (70) dollars per ton.

Caved

300 FT LEVEL

OF THE KEYS MINE

owned by the BELMONT-UNCLE SAM MINING COMPANY
DEPICTING VEIN AND STRUCTURAL CONDITIONS.

Scale: 1" = 20 FT.

NOTE: ACTUAL VERTICAL DISTANCE IS 270 FEET.

MONTE CHRISTO PROJECT

FILE REPORT

MAY 26, 1988

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1. Summary

The Monte Christo project contains a small (approximately 900,000 tons) proven/probable ore body grading 0.042 opt Au and 1.7 opt Ag with a stripping ratio of 2.5:1. There are approximately 15,000 tons of mill tailings grading 0.04 opt Au available on the property. The potential for increased tonnage is excellent and considering the proximity to the neighboring Comstock Lode, the potential for encountering a bonanza type ore shoot is good. The amenability of the ore to heap leaching is unknown as only limited test work has been done.

2. Property, Description and Location

The Monte Christo project is located at the junction of Sixmile and Sevenmile Canyons approximately two miles east of Virginia City, Nevada. The claims are located in Sections 27 and 28, T17N, R21E, MDB&M.

The claim groups consist of the patented Monte Christo group of four claims and the Keyes group of four claims. A title opinion is beyond the scope of this short report.

3. Production History

The following is the recorded production from the Monte Christo Mine:

1881-1890 9726 tons averaging \$11.88 per ton

1912-1914 5453 tons @ 0.277 opt Au, 1.05 opt Ag

The Keys shaft production was reported to be 550 tons at \$7.15 per ton.

4. Geology

The area is underlain by tertiary eruptive, pyroclastic andesites of the Alta formation. There is abundant disseminated pyrite in the country rock which, upon weathering, causes extensive bleaching. Pyritic content of the country rock ranges as high as 10%. The Monte Christo vein lies within the Occidental shear zone. This zone is several miles in length and has been identified some 1250 vertical feet below outcrop in the Sutor Tunnel. The Monte Christo Vein lies on the footwall of the shear while the Keyes vein lies in the hangingwall. These structures strike north and dip from thirty to fifty degrees to the east. The Occidental structure parallels the famous Comstock Lode which produced 22 million tons grading 0.60 opt Au and 12 opt Ag. The Monte Christo vein is a silicified, carbonatized and brecciated footwall portion of the Occidental shear. There have been multiple episodes of fracturing and injection by silica, carbonate, pyrite and precious metals. The Monte Christo vein

has true widths ranging up to 60'. The Keyes vein appears to be a faulted extension of the Monte Christo vein.

5. Ore Reserves

Ore reserves have been calculated using intercepts from 24 diamond drill holes. These intercepts were plotted in plan at a scale of 1"=40'. The vertical thickness, au grade x thickness and ag grade x thickness were then kriged on 40' centers using linear variograms. Proven reserves were calculated using a 50' radius area of influence while probable reserves used a 500' area of influence. A boundary file was used to limit ore extensions to within a specific area bounded by drill holes and vein outcrop. The results of the reserve estimate, based on various ore value cutoffs are as follows:

5.1. Proven Reserves

Cutoffs based on \$450 Au and \$6.50 Ag.

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
296,006	0.034	1.4	\$0.00 (geologic)
255,428	0.038	1.6	\$10.00
187,454	0.043	2.0	\$20.00
30,286	0.088	4.0	\$30.00
25,194	0.094	4.3	\$50.00
13,673	0.105	4.7	\$70.00

5.2. Proven/Probable Reserves

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
1,211,939	0.035	1.3	\$00.00 (geologic)
1,064,603	0.039	1.5	\$10.00
871,655	0.042	1.7	\$20.00
286,037	0.057	2.3	\$30.00
105,616	0.068	2.9	\$40.00
37,779	0.079	3.6	\$50.00
12,028	0.084	3.9	\$60.00

5.3. Possible Reserves

The currently defined reserves exist within a strike length of about 500'. If the Keyes structure is the northern extension of the structure, it would be reasonable to assume a Possible reserve of plus 3,000,000 tons at a similar grade. A possibility also exists for the discovery of bonanza type ore shoots at depth and along strike.

5.4. Tailings

A reserve estimate was completed by former owners which show

that there are 15,000 tons of tailings grading 0.04 opt Au on the property.

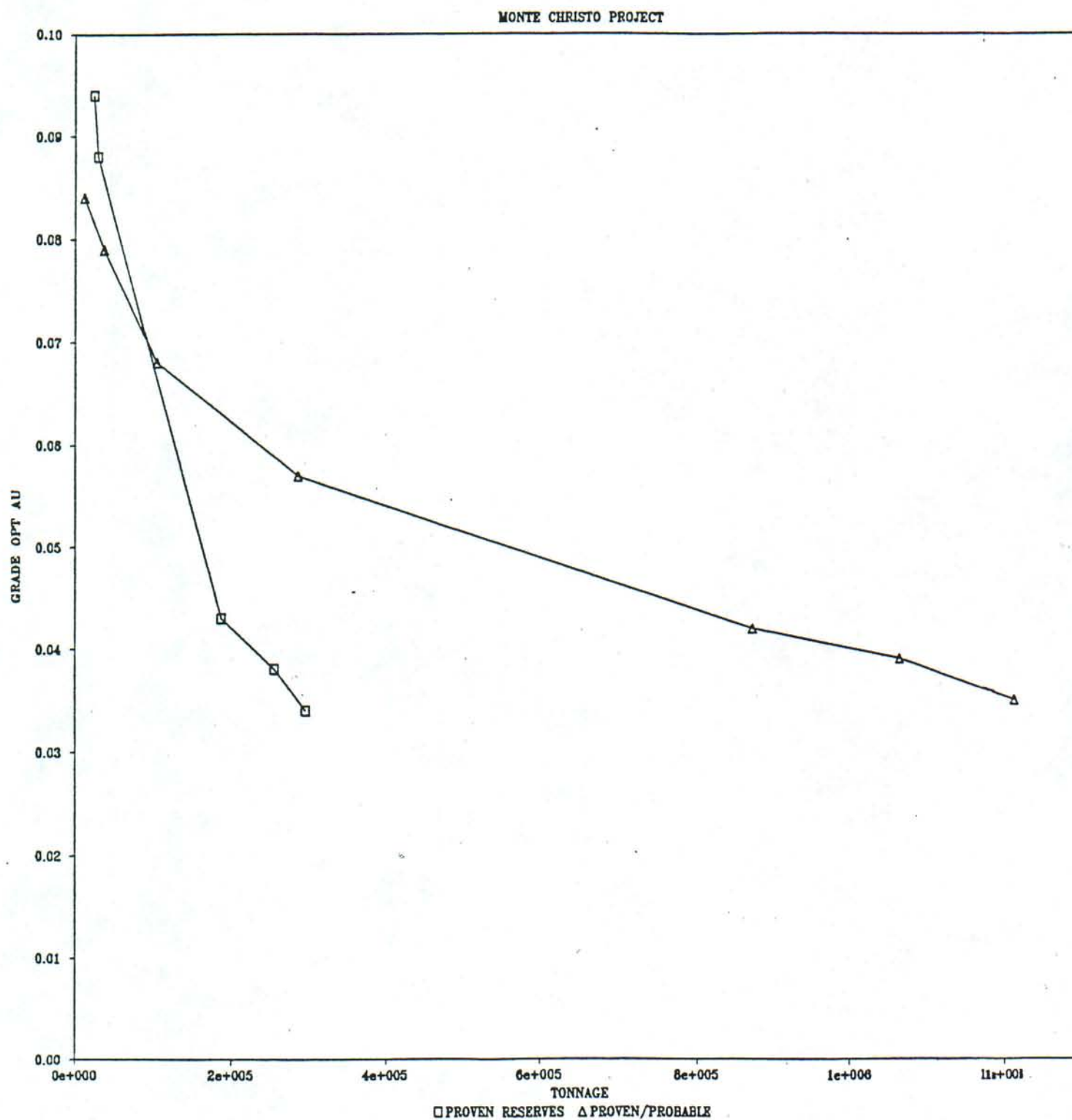
6. Stripping Ratio

A quick estimate of the stripping requirements was made using four cross sections of the ore body. Based on a Proven/Probable reserve of 871,655 tons at 0.042 opt Au and 1.7 opt Ag, the stripping ratio will be approximately 2.5:1 waste to ore.

7. Metallurgy

Limited metallurgical test work has been done by former owners. Available test work indicates 96hr cyanidation recoveries on crushed ore of 43% for gold and 67% for silver. Based on a 24hr cyanidation test, crushed ore gave the following recoveries: gold @ 40%, Silver @ 25.4% while pulverized ore (98% minus 40 mesh) returned 94% recovery of gold and 73% recovery of silver. A five day test on the tailings gave recoveries of 77% on both gold and silver.

FIGURE 1: Grade Tonnage Curves



BRISTLECONE MINING CO.

2525 Sharon Way, Reno, NV 89509; (702) 826-2838

Fax (702) 826 9784

FACSIMILE COVER LETTER

Date: Jan 4, '89

Please deliver the following pages to:

Name: Walter Berukoff

Company: RED LION

Facsimile No. (604) 980 0731

From: Dennis LaPrairie

There are 1 pages to this message (including this page).

Additional Message:

I spoke with Roger Bergman @ New Monte Christo Mines : he wants to discuss the property with you! He will be available untill Jan 20th, after that he will be gone for 2 weeks. He says he can get a 2 year extension on the \$1000/month payments to Layton/Childrens Home. He can also calm Burt Burchette down. Let me know if : when you can meet with him

Dennis

December 20, 1988

Mr. W.H. Berukoff
Red Lion Management Ltd.
213 West 1st Street
North Vancouver, B.C. V7M 1B3

Dear Walter:

Please find enclosed a copy of the surface map of the Monte Christo property. I have drawn on the map a number of notes, the trace of the drill holes and have highlighted the orebody in yellow and the areas open for exploration in green. I have also included a couple of listings of the intercepts I used in calculating the reserves. These intercepts were adjusted to reflect the vertical thickness of the vein ($\text{true width} / \cos 40^\circ$) and were done twice, first for all mineralized intercepts and then for intercepts in vein only. The rotary holes were all vertical and as such required no adjustment. Please note that holes 11, 13 and 15 all hit stopes, hole 8 missed the vein by drilling in the footwall and hole 19 was drilled along strike in the hanging wall of the Keys Vein north of the flexure.

I am glad to hear that the Flowrey project is funded and hope to include the Monte Christo in your plans. We have, to date, spent approximately \$15,000 U.S. on retrieving, storing, logging and assaying of the core. We will be giving our 30 day notice to New Monte Christo Mines and Burt Burchette at the end of the month. This notice will include a cover letter suggesting that all contracts be re-negotiated. The deal that I will propose will be as follows:

The 10% NSR to Layton and the Children's Home on the Monte Christo Group be reduced to 5% with no minimum monthly payments, the end price can stay at \$300,000.

The 5% NSR to Burt Burchette on the Keys group can stay but there will be no monthly payments. The end price can remain at \$300,000.

New Monte Christo Mines will receive \$10,000 cash and a block of stock. There will be no NSR or monthly payments.

Bristlecone Mining Co. will receive \$10,000 cash and a small block of stock.

This seems to be the most equitable arrangement I could come up with. Roger Bergman at New Monte Christo will probably protest but he is not in a very good position to negotiate. We will be sending him the assay data and metallurgical results as well as a short summary of the reserves. He has already had a one year extension of the \$1,000 per month payments to Layton and the Children's Home and he might be on thin ice trying to get another extension.

It is my opinion that the real potential on the property is the extension with depth along the plunge of the flexure where all the hi grade was found. The deepest mining on this structure was to the 350 level and it would be very simple to drill below that depth with a relatively inexpensive rotary program. We simply don't have the money to conduct such a program. As a matter of fact, we owe the Geologist who logged the core \$5,000. We are getting some financing in January which will make us "a day late and a dollar short" and this financing is budgeted for our project in California any way.

Please let me know your comments on this proposal, it will be sent out within the next ten days.

Yours truly,

Dennis LaPrairie

10/25/88

Monte Cristo - Haul road 50' wide 3 mile length
 15.25 m. 4,828 m.
 I.C. 9143 p. 135-144

cleaning	tbl	8,000 x 4.8	38,400
	eq	4,000 x 4.8	19,200
drill & blast	tbl	15,000 x 4.8	72,000
	tbl	40,000 x 4.8	192,000
excavate	tbl	40,000 x 4.8	192,000
	tbl	2,000 x 4.8	9,600
gravel	tbl	1,000 x 4.8	4,800
	tbl	100,000 x 4.8	480,000

\$ 828,000

MONTE CHRISTO CASH FLOW
PROJECTED CASH FLOW

MONTH	G&A COST	TONS PER MONTH MINED	MINING COST PER MONTH	TONS PER MONTH LEACHED	OPT AU	OPT AG	LEACHING COST	MONTHLY OPERATING COST	RECOVER AU AT 50%	OUNCES AG AT 40%	ROYALTY NSR 10.00%	REVENUE	OPERATING PROFIT	CAPITAL COST	DEPRECIATION PER YEAR 20.00%	DEPLETION 15.00%	TAXABLE INCOME	TAX AT 34.00%	CASH FLOW	CUM CASH FLOW
1	\$10,000	0	\$0	0	0.045	1.70	\$45,000	\$55,000	225	6,800	\$13,666	\$136,660	\$67,994	\$20,000	\$284,000	\$0	(\$130,000)	\$0	(\$610,000)	(\$610,000)
2	\$10,000	0	\$0	0	0.045	1.70	\$90,000	\$126,000	450	13,600	\$27,332	\$273,320	\$119,988	\$20,000	\$288,000	\$0	(\$210,000)	\$0	(\$410,000)	(\$1,020,000)
3	\$10,000	0	\$0	0	0.045	1.70	\$45,000	\$110,000	225	6,800	\$13,666	\$136,660	\$67,994	\$20,000	\$284,000	\$0	(\$290,000)	\$0	(\$410,000)	(\$1,430,000)
4	\$10,000	0	\$0	0	0.045	1.70	\$90,000	\$171,000	450	13,600	\$27,332	\$409,980	\$197,982	\$20,000	\$172,000	\$0	(\$216,006)	\$0	\$61,660	(\$1,368,340)
5	\$10,000	20,000	\$26,000	20,000	0.045	1.70	\$135,000	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	(\$1,022,040)
6	\$10,000	20,000	\$26,000	30,000	0.045	1.70	\$135,000	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	(\$847,639)
7	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	(\$676,893)
8	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	(\$506,147)
9	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	(\$335,400)
10	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	(\$164,654)
11	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$6,092
12	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$176,838
13	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$347,584
14	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$496,073
15	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$644,563
16	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$793,052
17	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$941,542
18	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$1,090,032
19	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$1,238,521
20	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$1,387,010
21	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$1,535,500
22	\$10,000	180,500	\$234,650	47,900	0.045	1.70	\$215,550	\$460,200	1,078	32,572	\$65,460	\$654,601	\$128,941	\$20,000	\$96,000	\$61,497	(\$35,515)	\$0	\$218,980	\$1,684,000
	\$220,000	2,928,000	\$3,806,400	826,400			\$3,718,800	\$7,745,200	18,594	561,952	\$605,677	\$11,293,582	\$2,942,705	\$1,720,000	\$1,788,000	\$1,632,540	(\$477,835)	\$216,562	\$1,611,820	\$1,611,820

IRR AS A YEARLY RATE = 20.00% (GUESS)
NET PRESENT VALUE AT 20.00% PER ANNUM \$1,068,364 (ACTUAL)

MONTE CHRISTO CASH FLOW
PROJECTED CASH FLOW

AU \$400.00 PER OUNCE
AG \$6.20 PER OUNCE

MONTH	GA COST	TONS PER MONTH MINED	MINING COST	TONS PER MONTH LEACHED	OPT AU	OPT AG	LEACHING COST	MONTHLY OPERATING COST	RECOVER AU AT 50%	OUNCES AG AT 40%	ROYALTY NSR 10.00%	REVENUE	OPERATING PROFIT	CAPITAL COST	DEPRECIATION PER YEAR 20.00%	DEPLETION 15.00%	TAXABLE INCOME	TAX AT 34.00%	CASH FLOW	CUM CASH FLOW
1	\$10,000	0	\$0	0	0.047	1.90	\$45,000	\$55,000	235	7,600	\$14,112	\$141,120	\$72,008	\$5,000	\$111,000	\$15,060	(\$54,052)	\$0	(\$410,000)	(\$410,000)
2	\$10,000	0	\$0	0	0		\$0	\$10,000	0	0	\$0	\$0	(\$10,000)	\$100,000	\$100,000	\$0	(\$110,000)	\$0	(\$110,000)	(\$520,000)
3	\$10,000	0	\$0	0			\$0	\$10,000	0	0	\$0	\$0	(\$10,000)	\$50,000	\$110,000	\$0	(\$120,000)	\$0	(\$60,000)	(\$580,000)
4	\$10,000	0	\$0	10,000	0.047	1.90	\$45,000	\$55,000	235	7,600	\$14,112	\$141,120	\$72,008	\$5,000	\$111,000	\$15,060	(\$54,052)	\$0	\$81,120	(\$498,880)
5	\$10,000	20,000	\$24,000	20,000	0.047	1.90	\$90,000	\$124,000	470	15,200	\$28,224	\$282,240	\$130,016	\$5,000	\$112,000	\$42,336	(\$24,320)	\$0	\$153,240	(\$345,640)
6	\$10,000	20,000	\$24,000	30,000	0.047	1.90	\$135,000	\$169,000	705	22,800	\$42,336	\$423,360	\$212,024	\$5,000	\$133,000	\$63,504	\$115,520	\$39,277	\$210,083	(\$135,557)
7	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$14,000	\$101,395	\$50,824	\$17,280	\$211,535	\$75,978
8	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$284,453
9	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$492,928
10	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$701,402
11	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$909,877
12	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$1,118,352
13	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$1,326,827
14	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$166,218	\$5,000	\$5,000	\$101,395	\$59,824	\$20,340	\$208,475	\$1,535,301
15	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$5,000	\$5,000	\$101,395	\$127,420	\$43,323	\$185,492	\$1,720,783
16	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$5,000	\$5,000	\$101,395	\$127,420	\$43,323	\$185,492	\$1,906,285
17	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$5,000	\$5,000	\$101,395	\$127,420	\$43,323	\$185,492	\$2,091,777
18	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$5,000	\$5,000	\$101,395	\$127,420	\$43,323	\$185,492	\$2,277,269
19	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$5,000	\$5,000	\$101,395	\$127,420	\$43,323	\$185,492	\$2,462,761
20	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$0	\$10,000	\$101,395	\$122,420	\$41,623	\$192,192	\$2,654,953
21	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$0	\$9,000	\$101,395	\$123,420	\$41,963	\$191,852	\$2,846,805
22	\$10,000	180,500	\$216,600	47,900	0.047	1.90	\$215,550	\$442,150	1,126	36,404	\$67,596	\$675,965	\$233,815	\$0	\$8,000	\$101,395	\$124,420	\$42,303	\$191,512	\$3,038,317
	\$220,000	2,928,000	\$3,513,600	826,400			\$3,718,800	\$7,452,400	19,420	628,064	\$625,444	\$11,662,157	\$3,584,313	\$630,000	\$647,000	\$1,743,216	\$1,194,097	\$541,440	\$3,038,317	\$3,038,317

IRR AS A YEARLY RATE = 100.00% (GUESS)
NET PRESENT VALUE AT 21.45% (ACTUAL)
\$2,353,516
20.00% PER ANNUM

PROJECT: Monte Christo HOLE #: DH-1 LOCATION:
 LOGGED BY: RGC DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		x c. a.
60			Gal.	60						strong mod. str	
	4	h. broken	Gal-C (?)		Bleached lgt gy porous h. clay altered andesite (?) frags (no remnant porphyritic texture) cemented by sand - "C" horizon of soil			v. str.		mod. str int. goe	
65		h. broken		65							
	5	h. broken		70	Highly argillized, bleached h. limonite stained h. fractured & brecciated porphyritic andesite			v. strong argill.			
70											
	6	h. broken		75	fine clay w/ f. pyrite 774-779			argill.			
75					mod. str. argillized por andesite w/ coarse plagioclase phenos (→ clay)			mod. strong		mod. limonite (1K brown) goe. dom	
80		broken		80	80-83 mod. argill. mod. broken por. andesite						
					h. argillized & brecciated andesite			v. strong			
85	7			85	mod. argill. & h. fractured por. andesite			strong moderate strong replac.			
90				90							

PROJECT: Monte Christo HOLE #: AM-1 LOCATION: _____
 LOGGED BY: RCC DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
90	7			90	v. fractured / sheared, mod. argillized, strongly propylitic por. andesite	mod. fold + 5 thin fracture coatings	mod	strong	mod limonite		v. fractured / sheared
95	8			95							
100				100	intensely clay altered - porous calcareous arg. clay intensely sheared / finely brecciated	v. strong in clay	intense			+	
105	9	h. broken broken		105	ste. propylitic por. andesite, w/ clay, mod. st. fracturing	st. repl. of plg		strong			5-6% ± 30° c. a.
110				110							
115	10			115							veinlet - 1/4" vein of 3/5 1/2"
120	11			120	h. clay altered, sheared andesite	mod	strong				

PROJECT: Monte Christo HOLE #: BH-1 LOCATION:
 LOGGED BY: RGC DATE: 10-19-89

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION	FeOx	FeS ₂	STRUCTURE
							CaCO ₃	Clay	Propyl	& c. a.
120				120	h. argill. sheared andesite		v str	v str		strong ↓ ironite
					strongly propyl. andesite		strong replacement + thin fract fillings	weak	strong	
125				125	intensely clay altered andesite			intense		
					propyl. andesite		v str	weak	strong	
130				130	129-130' clay gouge propyl. andesite intensely sheared/finely brecciated argillized andesite		v str in ex matrix	weak intense	strong	strongly ↓ pyrite on fract
135				135	propyl. andesite		v str	v str		
					highly argillized, soft sheared andesite		v str			
140		46' recovery 136-141'		140	propyl. andesite		str. reg. small dch fracture coatings	v str	strong	strong brown pyrite etc
145				145	propyl. andesite		strong		strong	
150				150	142-144' h. argill. sheared, bleached andesite relatively fresh andesite breccia - clasts of fresh por. hornblende andesite in fine grained less matrix					

PROJECT: Mate Christo

HOLE #: DH-1

LOCATION:

LOGGED BY: REGC

DATE: 10-18-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	Alteration Caco ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
150				150	fresh andesite breccia argillized fault breccia		v. str - quartz filling	v. str	moderate ↓			
155	14			155	pergillite porphyritic andesite - matrix partially chloritized. plg strongly carbonated, much white calcite ± clay on fracture. occasional calcite vesicles		strong repl + fracture coatings		(matrix partially chloritized)			small nodules in 50
160	15			160				weak				
165				165	164 ⁸ - 166 ⁰ intensely sheared / argillized 166 ⁰ - 167 ³ mod. str argillized por andesite		v. str ↓ str	intense mod ↓ v. str				
170	16			170	h. argillized sheared to finely brecciated andesite		v. strong					
175				175	rel fresh 174 ⁴ - 174 ⁶							
180	17	solid core		180	likely to moderately argillized porphyritic andesite. ~ 1/2 - 3/4 mag. plg. phas. altered. to white clay + calcite, brecciated + biot. partly to completely chloritized		mod repl + plg		weak-mod ↓			very little structure

PROJECT: Made Christ HOLE #: DH-1 LOCATION: _____
 LOGGED BY: RGC DATE: 10-18-55

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE 4 c. a.
300				300					
305	30			305	wk-mod propyl alt porphyritic andesite w/ few thin white gfr-calcite veinlets	1-2 vult/ft			
310	31			310	300' 1/2" gfr-calc. vein w/ pyrite release				
315	32			315	mod stockwork veining 310-315'				
320	33			320	mod stockwork				
325				325	322-326 stockwork veining 310-315'				
330				330	wk-mod propyl por-andesite (bx) w/ occasional white gfr-calcite veinlets				

PROJECT: Monte Cristo

HOLE #: DH-1

LOCATION: _____

LOGGED BY: RC

DATE: 10-19-85

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay	Propyl			
330	33	330 ⁸ ↑ (-001-01)H 333 ⁹ ↓		330	330 ⁸ -333 ⁹ strong stockwork veining	4" wavy qtz	uk	uk	uk-mod			qtz un c 55°
335	34			335	335 ³ -335 ⁵ block red hematite & cryptocrystalline silica/jasper uk bleached propyl. por-phyl. andesite 334°-337° ↑	fractured			mod-stk			stk pg in bx w/ jasper
340				340		3/8" qtz-calc unfl						2-3" - 3/8" qtz-calc un c 50
345	35			345	uk-mod propyl. por-phyl. andesite cut by few qtz-calc veinlets							
350				350								1-2"
355	36			355	1/2-1" qtz-calc-epidote unfl w/ bleached epidotted envelope ~ 1" wide							qtz-calc-cp w/ 150 3/8" qtz-calc c 70
358 ⁴	37	T.D.		360								

PROJECT: Monte Christo

HOLE #: MCN-3

[illegible]

PROJECT: Monte Christo

HOLE #: MEB-3

LOCATION: _____

LOGGED BY: RCC

DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
30	1		0	30							
35	2		0	35	brown calc to low lds gravel						
40			0	40							
42 ⁸			0	42 ⁸							
45			0	45							
50	3		0	50							
55			0	55							
60			0	60							

PROJECT: Monte Christo HOLE #: MCD-3 LOCATION: _____

LOGGED BY: RGC DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay	Propyl			
60	3			60								
65		2 nd rev		65	collu + 11dr gravel					strong gchh.le		
70		0 th ft rev		70								
75	4			75	crse poorly sorted brown sand to gravel gravel							
80		2 nd rev		80								
85				85								
90				90	gravel							

PROJECT: Monte Christo

HOLE #: MD-3

LOCATION:

LOGGED BY: RGL

DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90				90								
95	4			95	Rubble zone - badly broken pieces of various intermediate volcanics, little or no fine fraction (matrix)					strong goethite ± hematite		
100				100	97:998 1 foot to brecciated purple porphyritic andesite		strong npl of plagi	wk mod	mod of hbl	strong		299 ³ shear w/ix ± 30°
105				105	finely brecciated limonite stained andesite			st				
110				110	lt grey clay matrix microbreccia w/ fine clasts of white quartz calcite vein	small clasts in btx	mod-st in clay	v intense		tr-wk limonite	trace	
115				115	105-106 ³ brecciated grt-calcite vein w/clay	grt-calcite vein/limonite		strong				
120				120	NO CORE							
125				125	~ 50' white quartz-calcite vein w/ and frag of ss. propyl andesite pieces includes one 4" piece of grt vein	Quartz-calcite veining		st. propyl and clasts				
130				130	NO CORE							
135				135	sheared quartz-calcite vein - abundant small fragments in clay matrix	Quartz-calcite vein	st. in clay	intense			2% disse	
140				140	broken quartz-calcite veined andesite			wk-mod				

PROJECT: Monte Christo HOLE #: MCD-3 LOCATION: _____
 LOGGED BY: RGC DATE: 11-1-88

FEET	BQX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERNATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
120		0.5% recovered	brecciated vein (?)	120	andesite	VEIN	VEIN	slc				
125		0.5% recovered		125	pebbly white quartz-calcite frags / brecciated by ggc h. calc. chg - F1113							
130		0.5% recovered	T ₂	130	dk ggc porphyritic - ophiolitic andesite		strong pl. of fine veinlets		mod			
135		1.6% recovered	T ₂	135	pebbly sh. calc. no. + andesite ch. in cl.							
140				140	stk. porph. 1st green por andesite							
145			Back fill slope?	145	sand - fgs. h. porous v. h. calc. w/ some andesite rock frags	ST D E V N (?)						
150				150								

PROJECT: Monte Christo

HOLE #: MCD-3

LOCATION:

LOGGED BY: RGC

DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE + c. a.
						Silic.	CaCO ₃	Clay	Propyl			
150	6			150	Sand - backfill (?)							
155		2° core rev		155	Mod argill. porphyritic andesite minor silicified andesite + argillized andesite		strong repl. of plag	locally strong	moderate high pH alt pyrite			
160				160								
165				165								
170		3/11° recovered		170	Recovery of strongly brecciated quartz-calcite veined silicified andesite	Intense stockwork-vein ~ 30% qtz-calcite						35% in andesite frags + 1-2% in vein
175		3/5° = 78° recovery		175	Microbreccia - subround to angular sand to pebble size chips of clear qtz of calc vein silicified + gray andesite + pyrite grains cemented by gray calcareous clay	vein frags	st. calc in chn	st. calc matrix and frags				~ 20% 3-5% in silic matrix
180		split 178-182 170 Au 9.10 mg Qtz-calcite vein		180	177-178° breccia vein - silic. frags of andesite flowed through cemented by 1st gray quartz- calcite locally some calcifying to and dk gray to black sulfide or sulfosalt dissem. in vltls w/ qtz ~ 189.181 pthg oxidized, leached, limon. sh	Qtz-calcite vein / BRECCIA				some limonite		3rd pthg - 1/2" core - black sulfide

PROJECT: Monte Christi

HOLE #: MCD-3

LOCATION:

LOGGED BY: RGC

DATE: 11-2-88

FEET	BOX #	RECOVERY	GRAPHIC	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
210	10	2035 -213 77% 2065 -213 12 Au 73 Ag		210	Qtz-calcite stockwork breccia	v. strong	stockwork			mod. limon on fracture	3-4%	
215	13	213 -218 124% 213-218 007 Au 34 Ag		215	213-218 v. st. silicified breccia vein w/ dk grey late silica veins	Intense Flooding	phs leached			stems limonite	1-2%	
220	11	218-222 nd Au 15 Ag		220	218-222 oxidized stockwork breccia propyl. adessite clasts	v. st. stockwork veining					4-5%	
222	4.3	222 013 Au 69 Ag		222	222-223 dk grey siliceous w/ white quartz partly oxidized / leached limonite stockwork breccia/vein						1-3%	
225	12	225 013 Au 69 Ag		225	223-2296 sil. less stockwork veining - ~ 15-20% propyl. adessite ~ 80-85%	strong stockwork 15-20% v. h			stems propyl adessite		3-4%	
230	13	230 016 Au 024 Ag		230	2296- intensely silicified breccia - silic. some propyl. adessite in matrix of 1st gen Qtz-calcite matrix suspected ~ 30%-65% Qtz-calcite	v. intense ~ 30-65%			tr-wk limon		tr-1/2% in matrix ~ 30% in red clasts	
240	3.1	237 -241 026 Au 59 Ag		240						limon		

LOCATION:

DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	Silic.	AlTERATION CaCO ₃	Clay	Propy	FeOx	Fes ₂	STRUCTURE + c. a.
240	13	0.86 Au 0.89 Ag		240								
241.8		241.8-247.6 + Au nd Ag										
245	5.2	239 247 85.4	Quartz calcite breccia/Vein	245	Matrix-succincted siliceified breccia - black of siliceified & dec porphyritic andesite fragments of quartz-calcite matrix	V	E	I	N			few % in clasts of andesite
250	5.3	247.6 252 + Au .08 Ag		250	mud open sparse veins w/ clear quartz xstls some banded, crustiform veinny-minerals breccia fragments							
250.7		252.7 260 0.04 Au .24 Ag										
255	7.3			255								
260	15											
262.8		T.D. 262.8			Porphyritic porphyritic andesite cut by weak thin ph-calcite veins (< 2 / ft)							2.3%

PROJECT: Monte Christo HOLE #: MCD-18 B LOCATION:

LOGGED BY: RGC DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION	FeOx	FeS ₂	STRUCTURE & c. a.
30						silic. CaCO ₃ Clay Propyl			
35	2	3' 1/2' (072 Au) (031 Ag)	Qal (C soil horizon)		Oxidized leached quartz vein blocks in porous brown dirt		strong brown limonite (goethite)		
40	5	3' 1/2' (014 Au) (031 Ag)	clay		low dirt				
41.8		NOT SPT			41'-42" - gray to orange brown clay				
45	5	4' 1/2' (035 Au) (031 Ag)			Strongly limonitic str. silicified brecciated andesite	str. fssd veins	V. str. limonite (goethite)		crystalline
50	5	4' 1/2' (036 Au) (031 Ag)	Quartz breccia vein		thin clay gouge	VEIN			
55	5	5' 1/2' (072 Au) (031 Ag)	Strongly Oxidized		Totally oxidized h. limon. str. silicified breccia of silic. andesite fssd in lat. arg. granular quartz matrix (matrix supported) V porous leached o. h. - colored w/ limonite	leached -> vugs micr. clay filling leaching vugs	very strong mixed limonite + goethite (after 3-4 days)		
60	4	8' 1/2' (041 Au) (031 Ag)	Partly Oxid		Partially oxidized quartz breccia vein - granular to subround gravel. to blk. silic. andesite cherts (0.3-0.8") in lat. arg. to white granular crusty limon. quartz matrix Mod. str. limon. on fractures & coating vugs		moderate - limonite in fractures - in vugs	tr. in andesite	

PROJECT: Made Christ HOLE #: MD-18 E LOCATION: _____

LOGGED BY: AGC DATE: 11-3-82

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
60		58-65 ol. recov 0.011 Au 1.41 Ag	△ Quartz breccia vein	60	Partially oxidized over breccia vein - moderate to strong limonite staining features & filling veins with clay. Below white crystalline quartz with a little siderite. 4-10% minor pyrite & quartz and coarsest + even crustiform at veins of the clay quartz. Crystals have size							
65	4	62-71 ol. recov 0.032 Au 0.92 Ag	△ Partially (moderately) oxidized	65								
70	5	70-75 ol. recov 0.012 Au 0.05 Ag	△ Partially oxidized	70								
75	5	75-80 ol. recov 0.021 Au 0.01 Ag	△ Partially oxidized	75	Moderate to strongly limonite/hematite stained weakly silicified. Minor siderite cut by moderate amount white quartz veins. (5-6 unit/ft)							
80	6	80-85 ol. recov 0.006 Au 0.01 Ag	△ Partially oxidized	80	dec. veining 3-4 unit/ft							
85	6	85-90 ol. recov 0.02 Au 0.01 Ag	△ Partially oxidized	85	Weakly oxidized with siderite cut by 3-4 thin white qtz veins/ft. minor limonite on fractures							
90		90-95 ol. recov 0.02 Au 0.01 Ag	△ Partially oxidized	90	mod. limonite with chloritoid veined siderite							

PROJECT: Made Clinto HOLE #: MCD-198 LOCATION: _____

LOGGED BY: RSC DATE: 11-2-55

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90	6	(nd Ag) 91-95 907 Ag (nd Ag)		90	Wkly stockwork veined mod limonitic propyl. adersite	Wk stockwork			mod	mod limonite	3-4%	un. o. s.s.
91		91-95 907 Ag (nd Ag)		91	93-94 ² closely spaced white quartz vein	Wk vein						
95		95-100 907 Ag (nd Ag)		95	St limon. sh. stockwork veined propyl. adersite	mod stockwork				mod-ct limonite		
100	7	100-105 907 Ag (nd Ag)		100	Unoxidized to v. alkly oxidized etc. granular and adersite cut by wk-modersite of calcite-epidote-pyrite stockwork v. l's (2-4 ft)		strong replacement mod v. l's w. l's		strong	fine frach coarsing	2-3% locally to 5%	
105	8	105-110 907 Ag (nd Ag)		105	minor lines in few frach, to km in v. l's grades to weakly veined							
110		105-110 907 Ag (nd Ag)		110	104-107 mod limonitic weakly stockwork veined	Wk veining				mod limonite frach		
115	9	115-119 907 Ag (nd Ag)		115	Wk limon. mod-ct stockwork	mod				Wkly		
119		119-120 907 Ag (nd Ag)		119	Unoxidized greenish gray purplish granular for adersite by calc. l's, for 1-2 ft thin green-calcite veinlet	Wk stockwork veining						

PROJECT: Monte Christo

HOLE #: MCD-17

LOCATION:

LOGGED BY: RG

DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION	FeOx	FeS ₂	STRUCTURE
						Silic. CaCO ₃ Clay Propyl			x c. a.
60				60					
65				65					
70				70					
75				75					
80				80					
85				85					
90				90					

PROJECT: Monte Christo

HOLE #: McD-17

LOCATION: _____

LOGGED BY: R. G. C.

DATE: 11-2-28

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90		100' - 87' - 71' 1/2 (009.48) ↑ 91.3 92.6 n.a.	△	90								
95	7	92' - 101' (.017 Au) (.103 Ag)	△ Quartz breccia vein	95	Mostly oxidized quartz-calcite breccia vein calcite mostly leached moderate limonite/hematite stain much vuggy vein w/ clear of xolite							
100		101' - 105' (.005 Au) (.34 Ag)	△	100	101-102 - qtz vein w/ propyl adolite							
105		105' - 109' (.002.30)	△	105	Oxidized quartz breccia vein quartz flooding + breccia cement							
110	8	109' - 112' (.03.14) (.118 Ag)	△	110	109-111 matrix supported quartz breccia small clasts of siliceous adolite in quartz matrix							
115		112' - 118' (.003.07)	△	115	111-112 - propyl adolite cut by clear to white thin coarse quartz veinlets							
120		broken - 1	△	120	Gray pyritic quartz-calcite stockwork breccia vein - clast of pyritic propyl adolite cut by clear to white qtz-calcite veinlets (at qtz hairline veinlets)							

PROJECT: Monte Christo HOLE #: MED-17 LOCATION:

LOGGED BY: RGC DATE: 11-2-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION	FeOx	FeS ₂	STRUCTURE x c. a.
130	9	118' 122' (008, 21)		120	Unoxidized gray quartz-calcite vein breccia					
125		122' 123' (008, 44)		125	Weakly oxidized v. str. silicified breccia gray qtz	interst	w/ qtz	limon on fracture		
		123' 125' (008, 44)			Flooding, also to white of calcite vein 10"	silice flood	uns	wk	3-4%	
					3 1/2' of py dissemin + v. thin minor yellow limon. + trace			limonite		
				125	125' 126' oxid. limon. + hem. sh. silice + andesite breccia			v. strong		
				126' - 1283						
				1283-129	Prophyritic and weakly silicified por. andesite	wk flood	wk	wk		shear = 60°
130	10	125' 133' 68% reov.		130	Breccia - angular to subround fragments of porphy to w. ill. andesite, matrix weakly silicified	wk-matrix	str. dissemin	mod. str	≈ 20%	
					rock floor abundant white qtz-calc vein clasts	cent	in matrix	goe + lim		
133		133' T.D			2 1283-1292, mod. str. limon. sh.					

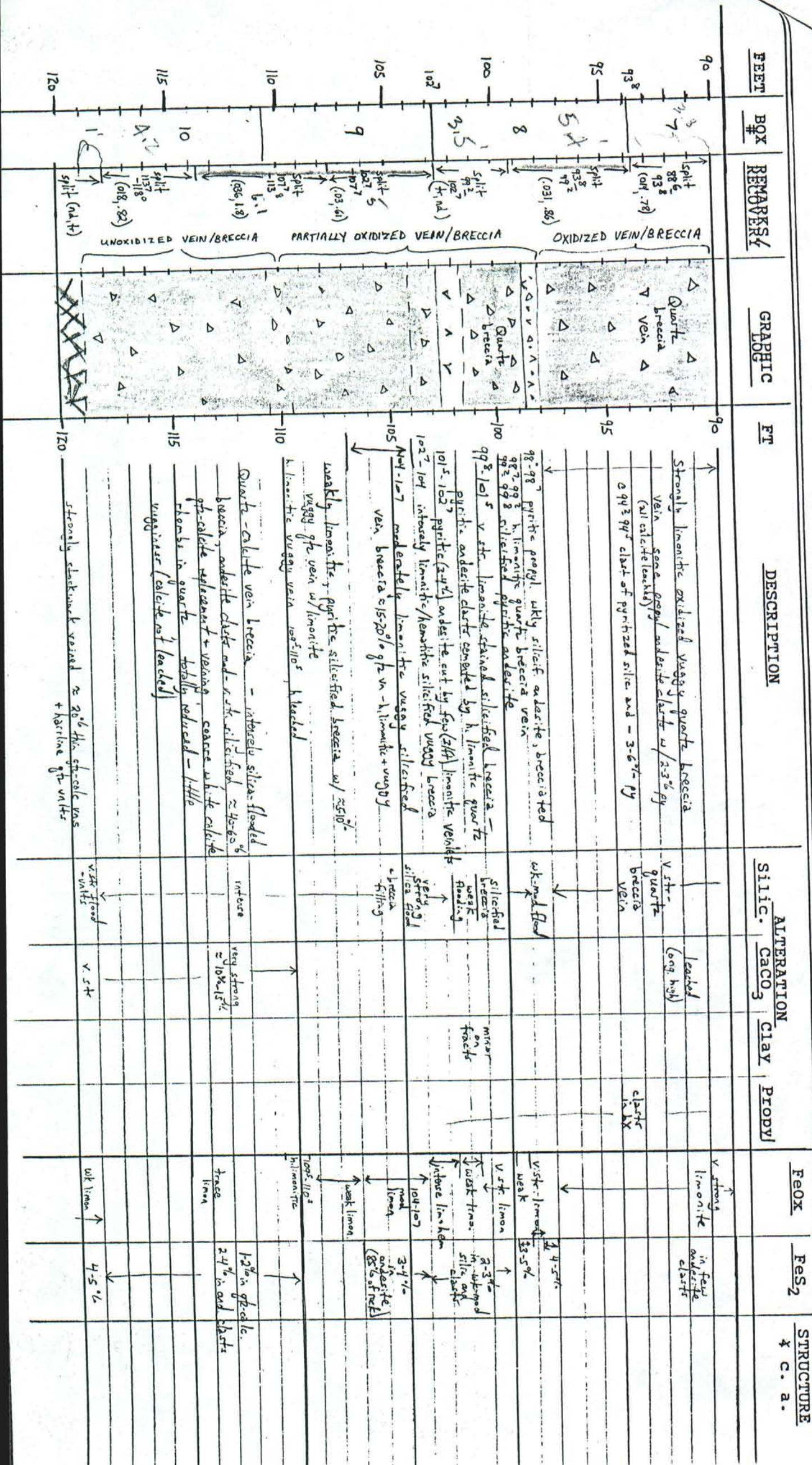
PROJECT: Monte Christo

HOLE #: MCD-16

LOCATION:

LOGGED BY: RGC

DATE: 10-19-88



PROJECT: Monte Christo HOLE #: MCD-14 LOCATION: _____

LOGGED BY: Reg DATE: 10-20-98

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	Silic.	ALTERATION	FeOx	FeS ₂	STRUCTURE
							CaCO ₃	Clay	Propyl	
30										
35	1			35	Intensely leached - bleached - argillized sheared microbrecciated andesite (?) , nearly complete clay alteration, strong yellow to orange-brown limonite on fractures					
40	2			40	Strongly orange-brown limonite coated fault breccia					
45				45	sheared to brecciated porphyritic andesite to andesite breccia, str. propyl mod. argill.					
50	3			50	49-51° gray clay gouge					
55	4			55	sheared to brecciated porphyritic andesite breccia w/ purple hem. soaked matrix propylitized, argillized					
60				60						

PROJECT: Monte Christo HOLE #: MCD-14 LOCATION: _____

LOGGED BY: RGC DATE: 10-20-88

LOGGED BY: <u>RSC</u>					DATE: <u>10-20-88</u>							
FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE	
						Silic.	CaCO ₃	Clay	Propyl			x c. a.
60	4			60	Andesite breccia - clasts of intermediate volcanics in maroon-purple por. andesite matrix - h. fractured / sheared argillized - purple-red		strong repl. pty	mod	stk	hem in matrix		
65		broken		65	gray fault breccia - clasts of por. andesite in gray clay & microbreccia matrix		strong	v. str				1% disc
70	5			70	gray clay gouge / microbreccia	71-72 silic	X	in zone				
75	6	split 75(75?) 80-81 Au, Ag		75	Quartz-calcite breccia vein partially oxidized - limonite in leached wuggy vein zones mixed w/ base siliceous carbonate replacement w/ 1-2% py	75-76 h. wuggy leached str. limon. 76-77 silic. pyrite, pyrrhotite and 76-77 v.h. silic. tight ex w/ 1-2% py in gph	Strong flooding veining	75-76 leached str. in gph veins		str. limon w/ mod limon	2-3% in andesite frags	
80	5.3	split 80-81 86-87 88-89 Au, Ag		80	Unoxidized quartz-calcite breccia vein - v. str. silica repl. of breccia clasts, tight ex - gph. calcite flooding 1-2% disc py in gph. rare thin limonite patches		v. strong					
85	7	split 86-87 88-89 Au, Ag		85	Partially oxidized limonitic gph-calcite breccia vein w/ many quartz-lined veins					strong orange limonite	1-1% (higher in frags)	
90	4.3	split 86-87 88-89 Au, Ag		90	Partially oxidized limonitic gph-calcite breccia vein w/ many quartz-lined veins							

PROJECT: Monte Christo HOLE #: MCD-14 LOCATION: _____

LOGGED BY: RGC DATE: 10-20-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90	7	↑ - 0.5' - split 90-101 5.6		90	- 91' <u>phy. oxid. gft-calcite vein</u> <u>massive fine grained andesite - cut by thin gft-calcite</u> <u>veinlets + hairline gft veinlets</u>	VEIN	VEIN			mod. limon.		- bottom in @ 70°
95	8	↓ (008.04) split 97-101 4.2		95	<u>Propylitic porphyritic andesite, cut by few thin</u> <u>gft-calcite veinlets, mod. limon. on fractures</u>	tr-wk veinlets	wk repl.			mod. orange-brown limonite	3.4% m.g. diss. cubes	- in @ 70°
100	9	↓ (01.07) split 101-107 6		100	<u>1" calc. 100° 6" stockwork vining 90°-100°</u> <u>fine andesite cut by few gft-calcite veinlets</u>	1/2 inch gft vn thru stock					~ 3%	
105	10	↓ (02.14) split 107-108 10		105	<u>Moderately stockwork veined propyl andesite</u> <u>~ 5-6 mm white gft-calcite veinlets / ff</u> <u>+ hairline grey quartz veinlets</u>	stockwork veining						
110	11	↓ (03.14) split 108-109 11		110	<u>Mod. propyl - str. fractured por andesite w/ mod</u> <u>limon. on fract. cut by few gft-calc. vnlets</u>					mod. limon on fract.		
115				115								- in @ 40° - 3/4 gft @ 85°
120				120								

PROJECT: Mañá Christó HOLE #: MCB-5' LOCATION: _____
LOGGED BY: REC DATE: 10-18-8X

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		x c. a.
90	3	Split 89-92 (012, 49)	Quartz Vein	90	Quartz vein/breccia - mod. linear fracture quartz breccia vein, silicified andesite frags cemented by granular milky quartz; mod. clear crystalline quartz coating frags + in vugs. some excess quartz	↑ Quartz vein			st. limon mod. limon on frags + in vugs	tr (mostly goethite pseudo morph)	
95		Split 92-95 (056, 268)		95							
100		Split 95-97 (070, 127)		100	weakly silicified propyl. porphyritic andesite cut by 1-2 clear crystalline quartz veins/ft ≈ 2-3% disc. py. in andesite, tr. a. qtz v. in ft	weak silic. wk. stockwork veining			mod. limon on frags only	2-3% disc.	
105		Split 103-108 (054, 05)		105						3-5% dissem	
110		Split 108-112 (036, nd)		110	e 111°-115° open wuggy qtz vein				st. limon		
115		Split 112-117 (035, 118°)		115	propylitized porphyritic (fine gr. blue) andesite cut by numerous (3-10/ft) thin (<1/8 inch) white qtz-calcite veins - few epidote veins	↑ st. limon mod. limon on frags only			strong		
120		Split 117-121 (035, 118°)		120	116-121 (T.D) propyl andesite w/ 1-2 vult/ft str pyrite 4-5% dissem, some qtz vults w/	tr. limon qtz vults				4-5%	

PROJECT: Monte Christo HOLE #: MCD-2 LOCATION: _____

LOGGED BY: R G Cuffner DATE: 10-17-88

[illegible]

PROJECT: Monte Christo HOLE #: MCB-2 LOCATION:
 LOGGED BY: R G Cuffey DATE: 10-17-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.	
						Silic.	CaCO ₃	Clay	Propyl			
90				90	argillized, porphyritic, highly fractured andesite		strong replacement	strong				highly fractured zone
					v. strong clay altered scumby soft porphyritic andesite - sheared / brecciated			v. strong				shear zone
					clay - gouge or near total argillization 93-99%			intense				
95	5			95	sheared to brecciated por. andesite - argillized, bluish			v. str.				
96					strongly porphyritic andesite, h. fractured to locally brecciated			moderate	strong	trace		
100	6			100			strong calcite replacing plagioclase			trace		
					finely brecciated zone w/ intense clay			intense				
					str. propyl + mod argill. andesite, h. fractured		strong repl.	mod	strong	trace		shear / breccia zone
105				105	104'-108' fine breccia w/ v. str. clay		weak	intense		1-2%		
110				110	v. h. fractural to brecciated / sheared porphyritic andesite, v. strong clay alteration		strong repl.	strong				
115	7			115	111'-113' intensely clay altered microbreccia			intense				
115					v. h. fractured to brecciated argillized & porphyritic andesite, sheared w/ white calcite having chaz		v. strong white calcite repl. fine gr. cement/matrix of andesite + breccia	strong	strong			
120	8			120								

PROJECT: Monte Christo HOLE #: MEB-2 LOCATION: _____

LOGGED BY: RGC DATE: 10-19-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
150	11			150	Shear Zone - intensely brecciated, intensely clay altered andesite		mod-st (stronger in former 1x 24m)	intense	mod		2-3% (locally up to 5%)	
155	12			155	propylitic andesite w/ fine lithic cherts, mod. fract.		mod repl + minor white calc. vein fract.		stems		2-3% stronger @ rims of lithic inclusions	210% shear zone c. 1/2" c. a.
160		solid core		160			1/2" vein					210% shear zone c. 1/2" c. a.
165	13			165								
170		solid core		170								
175	14			175								
180				180								

PROJECT: Monte Christo HOLE #: MED - 2 LOCATION:
 LOGGED BY: R.G. C. DATE: 10-17-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
210		210 ³ -214 ² 2018 Au, 23 Ag		210	214 ⁵ weakly stockwork veined poppy andesite ≈ 1/2" white qb-calcite veinlets	≈ 7-10%	≈ 3%		strong		30% disc	
215	18	214 ² -217 ⁷ (1027 Au, 153 Ag)		215	214 ⁵ -216 ⁸ breccia vein - 60"-80" creese white crystalline calcite quarter cemented frags of poppy andesite calcite > 90%	≈ 10%	≈ 50%		strong		2-5% fissures in qtz	
220	19	split 217 ² -222 ⁴ (1047 Au, 198 Ag)		220	216 ⁸ -225 ² moderately stockwork veined poppy andesite ≈ 6 calcite/qtz veinlets/ft + veinlets 1/16"-1/8" wide	≈ 5%	≈ 10%		"		2-3%	217 ⁶ 1" clear exsolved as 10 c.f. w/ leucage of black sulfide
225	20	222 ⁴ -226 ¹ 713' 000' 411' 23 Ag		225	barren qtz veinlets and barren quartz veinlets are cut by creese qtz-calcite veinlets with trace or no sulfide							
230	21	226 ¹ -231 ⁹ 512' 070' 411' 373 Ag		230								
235	22	231 ⁹ -235 ² 511' 032' 411' 207 Ag		235	235 ² -244 ⁵ weakly stockwork-veined andesite				strong			
240	23	244 ⁵		240								

PROJECT: Monte Christo HOLE #: MCD-2 LOCATION: _____
 LOGGED BY: R G C DATE: 10-17-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
240				240	weakly stockwork veined granular porphyritic andesite, ~ 5-15% white quartz-calcite veilets, 1/16"-1/8" wide, rarely to 1" wide	5-8%	5-7%		strong		2-5% disseminated in matrix & in veins	
245	218	003 Au 401 Ag	sketch of stockwork	245								
250	5	split 248-253 ² (339 Au, 13 Ag) broken zone T.D. 253	sketch of stockwork	250	stockwork quartz vein - 20%-50% clear to gray crystalline of as stockwork veilets - fracture to ~ 1 inch wide, 4-6 py in veins locally black sulfide on vein margins	= 35% clear quartz veilets - andesite w/ky silicified			strong		2-3% disseminated	stockwork veining

PROJECT: Mate Christo

HOLE #: MC D-41

LOCATION:

LOGGED BY: R. G. Cuffey

DATE: 11-3-88

[illegible]

PROJECT: Moche Christo HOLE #: MCD-11 LOCATION: _____
LOGGED BY: RGC DATE: 11-3-85

FEET	BOX #	RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		4 c. a.
60				60	60-62 clay - argill.			argill.			
65		61.75 38% No Recovery		65	Fault breccia to microbreccia arg. clay matrix, argillized for a few feet - granule to calc. size		calc. strong calcite in clay	strong		mod limonite	
70	3	61.75 38% No Recovery		70	70-75 interbreccia - grey clay w/ small angular argill. and calc. clasts	4 gtz-calc vein clasts		strong		71 grey	
75		75-78 No Recovery		75	Interbreccia to clay gouge			strong		hem. calc. by fag x 78	
80		75-78 No Recovery		80	55 ft. crumbly, intensely argillized, sheared andesite			strong	intense argill.		
85	4	79.1 100% No Recovery		85	82.5-85 breccia w/ hematitic matrix blanketed by altered andesite to fanglomerate		strong	strong		hematite staining matrix	
90				90	85-88 - sheared str. clay, altered andesite Hematitic breccia - white gtz-calcite - red hematitic and fag in 89-89 v str. calc. grey clay gouge	vein fag matrix 5-10%		str.		hematite stained	

PROJECT: Mt. Christo HOLE #: MCD-4 LOCATION: _____
LOGGED BY: RGC DATE: 11-3-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay			
90				90	Weakly-mad. altered and agglutinated breccia porphyritic andesite		stc replacement	mod			
90		83%			92-93' str. qb-calcite veins	veining					
95		125%		95	94-94 1/2' qb clay gouge		plg → calc.	green → strong	wk limon on fault	plg → spec her	1/4 silic. calc. parallel zone
95					Green porphy. for andesite cut by a 1/4" hem.-silica veins + parallel core		stc ↓				
100				100	soft crumbly h. clay altered breccia to microbreccia w/ white qb-calc veins. loss @ 99-100'		stc repl. plg ↓	v. stc			
105		1100'		105	gray clay gouge to clay matrix microbreccia		v. stc in clay interse		orange limon in small clasts		
110		84%		110							
112		3%									
115				115	Breccia - clasts of andesite + rare qtz. finely silica in altered agglutinated matrix (note flow + clay)	gy silic. @ 1113-1120	strong	strong			
120		8%		120							

PROJECT: Monte Christo HOLE #: MCD-11 LOCATION:
 LOGGED BY: RGC DATE: 11-3-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE 4 c. a.
120		117° 125° nd Au (0.04 Ag)		120	Fault breccia - crystallized por andesite clasts in calc. mat flow/clay matrix soft, crumbly				
125		135° 127° nd Au (0.1 Ag)		125	Unoxidized med-dk gray sulfidic silicified breccia (agglutinated andesite clasts in crystalline gray silica matrix) mod. limonite or fractures, some dark gray silicified	Silic. frags in vugs			4.5% uv fine grained
127		127° 133° nd Au (0.01 Ag)		127	Highly leached porous vuggy bleached light gray silicified breccia w/ weak to mod limonite and clasts propyl + w/ky silic and clasts	leached	wk-mod limonite		4% in few and clasts
130		133° 135° nd Au (0.06 Ag)		130	Slightly leached (few vugs), w/ky limonite stained breccia (minor in vugs) pyritic silicified breccia subround pyritic propyl andesite clasts in light gray quartz + calcite matrix weakly oxidized	strong - calcite w/ky v/ky v/ky	wk limonite		4% in silica matrix 3% in clasts
135		135° 137° nd Au (0.05 Ag)		135	weakly oxidized breccia				
140		139° 143° nd Au (0.09 Ag)		140	weakly oxidized breccia				
145		143° 147° nd Au (0.04 Ag)		145	weakly oxidized breccia				
150		147° 151° nd Au (0.03 Ag)		150	weakly oxidized breccia				

PROJECT: Mato Creek HOLE #: MCD-4 LOCATION: _____
LOGGED BY: R. G. C. DATE: 11-3-88

FEET	BOX #	REMARKS/RECOVER	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay	Propyl			
150		65' 10" 47' 5" 152' 2" (0.30 Au) 1.10 Au	Quartz-calcite breccia vein	150	151'-158' light gray silicified breccia - angular to subround w/ky silic. (hairline v. lts) to str. silic. andesite clasts in matrix of crystalline quartz + coarse calcite	V	V			4-12" limonite		
155	6.3	151' 5" 152' 2" 158' 5" (0.65 Au) 2.96 Au		155	few wgs of clear qtz xls, trace limon	N	N					
160		158' 5" 161' 3" 161' 15"		160	158'-159' intensely silicified w/ crypt. qtz							ve 75°
165		161' 3" 161' 15" 161' 12"		165	med-strongly stockwork veined w/ky silicified por andesite - ~ 2-3 28"-34" veins/ft + abundant hairline veinlets → wk siliceous flooding of andesite						36	
170		163' 10" 163' 10" 169' 10"		170	1/2" v. str. microneveining							ve 80°
175		169' 10" 171' 10" 176' 10"		175	169-171' v. str. stockwork							
180		176' 10" 176' 10" 176' 10"		180	wk - ml stockwork veined purple por andesite							15" veins 90°

PROJECT: Moto Christi

HOLE #: MEB-6

LOCATION: _____

LOGGED BY: R. G. Co. Shan

DATE: 11-7-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay	Propyl			
85	10	Recovery 0-60		60								
84		60% (ca. nd)		55	Channel to brecciated, crumbly crystallized porphyritic andesite		mod	stems				
83		60% (ca. nd)					mod	stems				
82		60% (ca. nd)					mod	stems				
81		60% (ca. nd)					mod	stems				
80		60% (ca. nd)					mod	stems				
79		60% (ca. nd)					mod	stems				
78		60% (ca. nd)					mod	stems				
77		60% (ca. nd)					mod	stems				
76		60% (ca. nd)					mod	stems				
75		60% (ca. nd)					mod	stems				
74		60% (ca. nd)					mod	stems				
73		60% (ca. nd)					mod	stems				
72		60% (ca. nd)					mod	stems				
71		60% (ca. nd)					mod	stems				
70		60% (ca. nd)					mod	stems				
69		60% (ca. nd)					mod	stems				
68		60% (ca. nd)					mod	stems				
67		60% (ca. nd)					mod	stems				
66		60% (ca. nd)					mod	stems				
65		60% (ca. nd)					mod	stems				
64		60% (ca. nd)					mod	stems				
63		60% (ca. nd)					mod	stems				
62		60% (ca. nd)					mod	stems				
61		60% (ca. nd)					mod	stems				
60		60% (ca. nd)					mod	stems				
59		60% (ca. nd)					mod	stems				
58		60% (ca. nd)					mod	stems				
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56		60% (ca. nd)					mod	stems				
55		60% (ca. nd)					mod	stems				
54		60% (ca. nd)					mod	stems				
53		60% (ca. nd)					mod	stems				
52		60% (ca. nd)					mod	stems				
51		60% (ca. nd)					mod	stems				
50		60% (ca. nd)					mod	stems				
49		60% (ca. nd)					mod	stems				
48		60% (ca. nd)					mod	stems				
47		60% (ca. nd)					mod	stems				
46		60% (ca. nd)					mod	stems				
45		60% (ca. nd)					mod	stems				
44		60% (ca. nd)					mod	stems				
43		60% (ca. nd)					mod	stems				
42		60% (ca. nd)					mod	stems				
41		60% (ca. nd)					mod	stems				
40		60% (ca. nd)					mod	stems				
39		60% (ca. nd)					mod	stems				
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19		60% (ca. nd)					mod	stems				
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17		60% (ca. nd)					mod	stems				
16		60% (ca. nd)					mod	stems				
15		60% (ca. nd)					mod	stems				
14		60% (ca. nd)					mod	stems				
13		60% (ca. nd)					mod	stems				
12		60% (ca. nd)					mod	stems				
11		60% (ca. nd)					mod	stems				
10		60% (ca. nd)					mod	stems				
9		60% (ca. nd)					mod	stems				
8		60% (ca. nd)					mod	stems				
7		60% (ca. nd)					mod	stems				
6		60% (ca. nd)					mod	stems				
5		60% (ca. nd)					mod	stems				
4		60% (ca. nd)					mod	stems				
3		60% (ca. nd)					mod	stems				
2		60% (ca. nd)					mod	stems				
1		60% (ca. nd)					mod	stems				
0		60% (ca. nd)					mod	stems				

PROJECT: Made Christo HOLE #: MCD-6 LOCATION: _____

LOGGED BY: RG-C DATE: 11-7-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
90	3	88 ⁶ 93 ⁵ (nd, nd)			Moderately to strongly stockwork veined weakly silicified propyl per andesite (6-12 v. 14 ft)						↑ - 1/2" weak v. 14 & 15"
95	4	98 ⁵ 98 ⁵ (nd, nd)									↓ dissem cubic py - 1/4" 85-calc-41 to 100
100	4	98 ⁵ 98 ⁵ (nd, nd)			weakly stockwork veined andesite propyl-andesite 3' to 4'					2.6	↑ ↓
105	5	108 ⁹ 108 ⁹ (nd, nd)			light greenish gray porphyritic andesite v. weak basaltic veining					10/0	↑ ↓

PROJECT: Monte Cristo HOLE #: MCB-7 LOCATION: _____

LOGGED BY: R G Cuffney DATE: 11-7-88

70° DIP

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
30		No Recovery										
35												
40	1	36' - 41' 3" (0.02% Au, nd Ag)			clay rich sandy soil							
45	2	41' 3" - 43' 47" (0.02% Au, nd Ag)			35' - 36' siliceous breccia - wk-mid silic. subround andesite clasts in grey quartz matrix							
50	3	43' 47" - 47' 51" (0.02% Au, nd Ag)			38' - 41' 3" small, stockwork veined andesite ± numerous v. fine veins of sil. v. 15/15							
55	4	47' 51" - 51' 56" (0.02% Au, nd Ag)			41' 3" - 49' mod to str. stockwork veined andesite ± veins 42 & 43' ± veins 41 & 42 (1.1-1.2% Au)							
60		51' 56" - 56' 02" (0.02% Au, nd Ag)			weakly to moderately alb. sil. & stockwork veined andesite (2-5 walt / ft)							

PROJECT: Monte Christo HOLE #: MCD-2 LOCATION:
 LOGGED BY: RGC DATE: 11-7-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
60	3	60' - 61' (± Al ₂ O ₃)		60	Mod. strongly stockwork veined por. andesite ± 3-4 v. 1/4" ft. Al ₂ O ₃ close to milky qtz-calc epidote veins ± 2-5.00 v. 1/4" ft. hairline calc (± qtz?) epidote veins 1/4" ft.	mod veinlets	mod to st. as veinlets					
65	4	61' - 62' (± Al ₂ O ₃)		65								
70		62' - 63' (± Al ₂ O ₃)		70	70-75 milky qtz-calc vein zone							
75	5	63' - 64' (± Al ₂ O ₃)		75								
80		64' - 65' (± Al ₂ O ₃)		80	77-83 (rad.) strong stockwork close to milky qtz-calc veining + v. st. in these. grey hairline qtz v. 1/4" ft. - granular silicified andesite	v. st. veinlets						
85	6	65' - 66' (± Al ₂ O ₃)		85	light greenish gray ground andesite cut by mod stockwork of 1/4" v. 1/2" close to white qtz-calc. veinlets (3-4/ft.)							
90	7	66' - 67' (± Al ₂ O ₃)		90								

PROJECT: Made Chish

HOLE #: MCD-7

LOCATION: _____

LOGGED BY: AGC

DATE: 11-7-82

FEET	BOX #	REMARKS/RECOVER	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE & c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90		88-93° (007 Au 01 Ag)		90								
95	7	93-97° (005 Au 01 Ag)		95	lot gray-gray propyl for calcite cut by mod stockwork of calc + white qtz-calcite veins (3-4 ft)				mod stockwork veining			
100	8	91 -103° (+ Au -09 Ag)		100					strong			
105		103° -106° (+ Au -16 Ag)		105						limon on fract		
110	9	106° -111° (+ Au -10 Ag)		110	strong veining 108°-111° (6 ft)					mod limon	1-2° 6	
115		111° -115° (+ Au -01 Ag)		115	sk stockwork w/ open v. + clear qtz X 1/5							
120		113° -120° (+ Au -16 Ag)		120	sk-mod stockwork veining ≈ 2 vol% ft + v thin calc. ep. 1/10 v. ft							
					118°-119° silic. microp. ad. qtz-calc v. ft							

PROJECT: Monte Christo HOLE #: MCL-7 LOCATION:
 LOGGED BY: R. G. Co. Freu DATE: 11-7-88

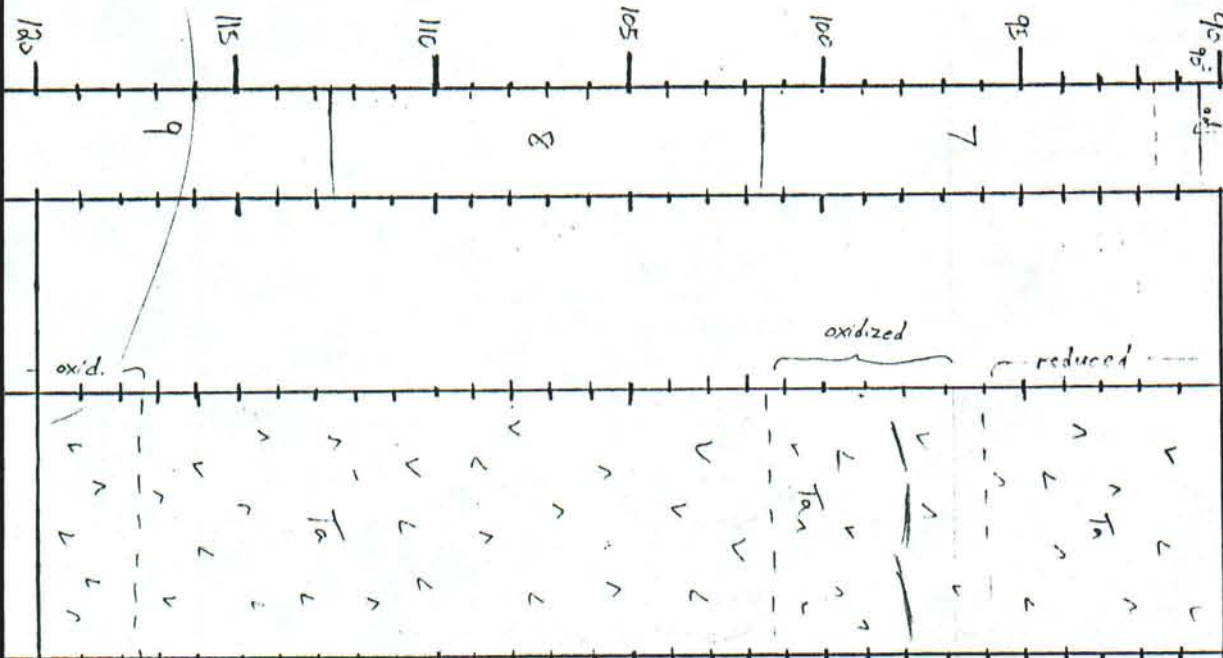
FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CACO ₃	Clay	Propyl			
120	10	ad. 120°-128°		120	120°-128° blacked, mod ph-calc veins	↑ mod veins					1/2%	
125		(+ Au ad Ag)		125	Green-gray opul. f. or. ad. calcite		tr. v. l. b		wk.		2-3%	
130	11	128°-135° (tr Au ad Ag)		130	130°-133° strongly epide veined - bleached ad. calcite	mod ph-calc			strong		2%	
135		135°-142° (tr Au ad Ag)		135	5th bleached 135°-136°						2-3%	
140	12	139°-143° mod ph-calc - epide veined, w. l. bleached propyl ad. calcite		140								
145		142°-150° (tr Au ad Ag)		145	wtly veined (2-3% v. l. l.) opul. ad. calcite					tr-wk limon. on fract.		
150	13	TD 150°		150								

PROJECT: Monte Christo HOLE #: MCD-8 LOCATION:
 LOGGED BY: RGC DATE: 11-7-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION	FeOx	FeS ₂	STRUCTURE
						Silic. CaCO ₃ Clay Propyl			x c. a.
60	3			60	med. bleached, argillized, por. andesite				
62					slightly argillized porphyritic andesite, locally fractured, bleached 1st zone - mixed				
65				65	with green propyl andesite w/ 2 1/2" pyrite stringers limonite on fracture	2-3 vlt	mod	strong goethite 10%	
68	4								
70				70					
71									
72									
73									
75	5			75	71-77° (col) int stockwork veined, 1 goethite stained andesite (2-3 vlt/ft)	2-3/ft clear 9th vlt		5 str limon, minor hem.	
78					77-78° str. bl. argillized andesite				
80				80	1. fract. str. limonite				
82									
84					partic green-grey por. propyl andesite				
86	6			85	fractured etc andesite stained por. andesite				
88									
90				90					

PROJECT: Monte Christo HOLE #: MCB-5 LOCATION: _____
 LOGGED BY: REC DATE: 11.9.82

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
90				90	Small var andesite with 1 mm scale of Fe_2O_3							
95				95	1-2% FeL disseminated							
100				100	Med. dk fractured oxidized por andesite streak fractures 1-2% disseminated fine-grained calc. with FeOx							
105				105	Propyl. porphyritic green-gray andesite, w/ky fract, wk med orange-brown limonite on fract							
110				110	1-2% disseminate, rare thin calc. v. lts							
115				115								
120				120	fract broken h linear sh por andesite							



PROJECT: Monte Christo HOLE #: MCD-8 LOCATION:
 LOGGED BY: RGC DATE: 11-9-88

FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE 4 c. a.
						Silic.	CaCO ₃	Clay	Propyl			
120	9			120						strong limonite (goe. dom)		
123			oxid									
125				125	broken limonite for analysis							
130	10			130	Green-gray propyl for analysis w/ 1-2 thin ch-chale nodules / ft	1-2 vlt / ft					2/10	
132												
135	11											
139 ⁵		T.D. 139 ⁵			133-134 ⁵ bleached w/ chlor-epid-py filling microfractures							

PROJECT: Monte Christo HOLE #: MCB-9 LOCATION:
 LOGGED BY: RGC DATE: 11-8-85

FEET	BOX #	REMARKS/RECOVER	GRAPHIC	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
60		Tr none GOS (outflow) 605-698 (hemimic) ↓	Tr wky. gilly oxid	60	Partially oxidized lat. anhydrous powder for analysis mod. orange brown limonite on fracture face thin quartz veins						1 1/2-2%	
65	4			65								
70				70	med. dark ana.-gray por andesite cut by WE sub. breccia of calcite veins ~ 2-3 ft						2%	
75	5			75	1/4" red pyritic jasper vult hematite jasperoid silica						1-2%	1/4" jasper vult
80		Tr none 805-820 No assay		80	green-gray andesite cut by few brick red hematite silica veins	few 1/4"-1/2" jasper vults	wt disc-repl					1/4" jsp vult - 30
85	6	Tr none 85-86 No assay		85	1/8" red hem-py vult JSP. vns							
88		Tr none 88-89 No assay										
90		Tr none 90-92 No assay		90	1/2" jasper vult							

PROJECT: Monte Christo HOLE #: MCN-9 LOCATION:
 LOGGED BY: RGC DATE: 11-9-88

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE * c. a.
						Silic.	CaCO ₃	Clay			
90		88-92" N ^o assay	✓		-97" h. fract. lt. gr. - gr. por. andesite w/						
		few red hematite silica veinlets w/ porph									
95		93-95" 1/4 inch jasper vein parallel core	✓								
96		red hematite jasp. vein	✓								
100		hill covered area for andesite cut by low	✓								
		(ca 1/4") thin white gft-calcite veinlets	✓								
105			✓								
108			✓								
110			✓								
115			✓								
120			✓								
125			✓								
130			✓								
135			✓								
140			✓								
145			✓								
150			✓								
155			✓								
160			✓								
165			✓								
170			✓								
175			✓								
180			✓								
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190			✓								
195			✓								
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210			✓								
215			✓								
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940			✓								
945			✓								
950			✓								
955			✓								
960			✓								
965			✓								
970			✓								
975			✓								
980			✓								
985			✓								
990			✓								
995			✓								
1000			✓								

PROJECT: Made Christ HOLE #: MCB-10 LOCATION: _____

LOGGED BY: RGC DATE: 11-9-88

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl			
30	3			30'-30" Ar clay	Highly fractured strongly limonite stained blacked highly silicified quartz andesite	1				stony orange-brown brown limonite	1 3-5%	
31 ²												
35	4	Box dropped - core jumbled badly broken										
40												
45												
46 ³												
50	4	Box dropped - core jumbled badly broken								stony brown orange brown limonite	1-2%	
55												
60	6	Box dropped - core jumbled badly broken			1 foot limonite and andesite w/ 2 ft white quartz-calc vult							

PROJECT: Monte Christo HOLE #: MCD-12 LOCATION:
 LOGGED BY: RGC DATE: 11-9-88

FEET	BOX #	REMARKS	GRAPHIC	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl		4 c. a.
60		578-61° (nd,nd)									
65	6	61-65° (nd,nd)			wtly qtz-calcite veined 1.1 mm sl andesite	2.8 ft thin white quartz-calcite veinlets			strong orange / brown limonite	to 1- 2%	
66					1st green argy por andesite cut by mod qtz-calc. stockwork veining (3-4 wlt/ft) mixed oxid + unox.	3.1 wlt/ft			to wk strong trace strong	3-4% L. iron ox. fossils	
70	7	68-75° (nd,nd)									
75					mixed oxid. + unox. wtly qtz-calcite veined andesite	1-3 wlt/ft				variable 1-4%	
80	8	75° (nd,nd)			strongly fractured v. st. limonite stained andesite cut by 1-2 qtz-calc wlt/ft	1-2 ft			strong orange-brown limonite	to (few % locally in unox. foci)	
85		88-84° (nd,nd)									
86		88-84° (nd,nd)			81-83° v. st. quartz (calcite) veining, h. banded Fe sh. unog	v. strong ~ 50%			v. st strong		
87					gray calcareous clay gouge						
88					Green-gray por. andesite cut by weak quartz-calcite stockwork veining (1-3 wlt/ft)	1-3 qtz-calc wlt/ft				mod.	
90	9	83-88° (nd,nd)									

PROJECT: Monte Christi HOLE #: MCD-10 LOCATION:

LOGGED BY: RGC DATE: 11-9-88

FEET	BOX #	REMARKS/RECOVER	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
90	9	88-94 (nd Au tr Ag)		90	Green gray pyritic andesite cut by few qb-calc vult	wt 22 wt 1/2			+	4% ↓	
95		94 (nd Au tr Ag)		95	fractured bleached cherty limonite-stained andesite, few qb-calc vult				3% yellow-limonite	2-3% ↓	
100	10	98-105 (tr Au tr Ag)		100	light greenish gray wtk. bleached andesite w/ rare thin qb-calc-py vult				+		vn @ 35°
105				105	8 1/2-calcite vein	vsx vein 1/2 ↓					
110	11			110					weak		
115				115	Green gray porphyritic wtk. pyrrh. andesite wtk. zone				weak	tr-1% ↓	
120	12			120					tr yellow limon on few fract		

PROJECT: Maria Christa HOLE #: MCD-10 LOCATION: _____
 LOGGED BY: RGC DATE: 11-10-99

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
150											
155					thin sh. w/ calc. clay						
160					Andesite lith. breccia subround pebbles to small sh. size interbedded calc. fragments greenish grey ground for andesite matrix, to purple						
165					thin calc. clay-filled cracks						
170											
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175-176 ft
 (nd Au, 11 Ag)
 177-179 ft
 (nd Au, 11 Ag)

Andesite lithic breccia cut by weak qtz-calcite
 veining ~ 1-2 ft 1043-1045

quartz-calcite
 veinlets 1-2 ft

1-2%
 div. iron

1/2" calc. pyro
 breccia
 breccia

2" white on-calcite 50'

PROJECT: Monte Christo

HOLE #: MCD-12

LOCATION: _____

LOGGED BY: R.G. Cuthbert

DATE: 11-3-88

SHEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.	
		NO RECOVERY	0-60	60		Silic.	CaCO ₃	Clay	Propyl			
				65	brown rocky dirt					strong brown		
				70						limonite		
				75						goethite		
				80								
				85	pebbles							
				90	rocky alluvium - dk brown str. FeOx str fine for andesite & minor silic. andesite blocks, little fine fraction							

PROJECT: Made Christ HOLE #: MCD-12A LOCATION: _____

LOGGED BY: RGC DATE: 11-11-88

SHEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
				120	① 1202 - st. gray clay, and. dist. = 15			strong			
					sheared clay altered andesite						
				125	Propylitic porphyritic andesite, h. border fractured few (1-3/4") v. thin white quartz-calcite veinlets	sk. veinlets	sk. in fractures repl. plng	strong		1/2%	
				130	clay matrix micronecrite			v. sk. ↓			
				135	propyl. por. andesite - badly broken, few quartz-calc. v. 1/5					1 1/2%	
				140	clay matrix micronecrite - fine silica and vein frags	silic. & v. frags	sk. clay	v. sk.			
				145	Intensely clay altered micronecrite to gray clay gouge w/ irregular white-sk. altered andesite fragments white v. f. quartz-calcite vein frags in v. clay matrix	small white quartz-calcite vein frags		v. intense	Variable 1-4%+%	(some h. unfrd silic. and frags)	shear @ 75°
				150							

PROJECT: Mato Christo HOLE #: MD-12A LOCATION: _____
 LOGGED BY: RGC DATE: 11-4-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION				FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay	Propyl			* c. a.
152	7	UNOXIDIZED VEIN		150	Intensely clay altered microbreccia to gangue	frag	v. str.	intense				
151	8	UNOXIDIZED VEIN		155	Dark gray pyritic silicified breccia - small angular to subround variably agglutinated (black) to silicified por andesite clast in quartz-rich matrix cut by clear qtz-calcite veins	↑	↑					
150		UNOXIDIZED STOCKWORK VEIN		160	Intense stockwork veined with silic. andesite qtz calcite gangue	↑	↑					
149		Mod. oxidized		165	Limonic intensely silicified breccia - h. silicified clasts of andesite in lgt qtz granular quartz with minor calcite matrix cut by late open clear quartz veins w/ qtz crystals	↑	↑					
148		Wkly oxidized VEIN		170	little andesite breccia - strongly propyl cut by few wk quartz calcite veins	↑	↑					
147				175								
146				180								

PROJECT: Mate Cherts

HOLE #: MD-12 A

LOCATION: _____

LOGGED BY: RGC

DATE: 11-11-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay			
210				210							
212				215	Weakly pyritized nodules 1/4" breccia angular to subangular to subround granule to cobble size clasts of por. and calcite + other inorganic materials in finely gr. and calcite groundmass	fine v. interst	fine v. interst	wk repl.	+		
215	17			220							
220	17			225							
225	15			230	227-229" broken zone w/ yellow limestone on fracture						
230				235	1" clay gouge w/ calcite						
235	16			240	Strongly ground, w/ky crystallized by gas and nodules to 1/4" mod calcite and calcite w/ calcite veins	wk mod v. interst	mod v. interst	gouge + strong			
240					sk. pebbly str. stockwork (calcite w/ 1/4" ft.)	str v. interst	strong v. interst	strong			

PROJECT: Monte Christo HOLE #: Med 123 LOCATION: _____
LOGGED BY: RG DATE: 11-11-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay			
300	B 4		^		wk med purple micaceous arg andesite breccia v. rare in this calc. zone						
302			^								
304			^								
306			^								
308	B 5		^								
310			^								
312			^								
314			^								
316	B 6		^								
318			^								
320			^								
322			^								
324	B 7		^								
326			^								
328			^								
330			^								
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396			^								
398			^								
400			^								

PROJECT: Mate Christ HOLE #: MCD-12 B LOCATION: _____
LOGGED BY: RG C DATE: 11-4-88

LOGGED BY: RGC
DATE: 11-4-88

SHEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay			
				330							
					Wk-mod. propyl andesite breccia						
				335							
					334-342 ^s Wk in bleached, wky clay altered breccia / fractured andesite cut by wk-mod gr-calc vein (2-3 ft)						
				340	1/2" open gr-calc vein w/ Xals						
				345	Mod propyl andesite lithic breccia rare thin gr-calc-op. ble vein						
					3473-3517 ↑ vt gr equigran andesite, propyl						
					2 1/2" fresh dissemin fracture plane pyrite						
				350							
				355	Mod. propyl gran andesite lithic breccia w/ few thin white quartz-calcite veins (1-2 ft)						
				360							

PROJECT: Monte Christo HOLE #: MED-12 B LOCATION:
 LOGGED BY: RGC DATE: 11-V-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE x c. a.
						Silic.	CaCO ₃	Clay	Propyl		
360											
363	B 11				360.5-364.8 mod-str stockwork veined lgt green por andesite (4-8 vol %), many small irreg str-calc fracture fillings	mod-str stockwork v. lgt				4%	
365											
370	B 12				Green por. gran. andesite lithic breccia few th. str-calc. veinlets					2%	
372											
375					372.9-373.8 w/ky bleached 373.8-374.6 str bleached i. fact argillized andesite			wk mod intense			
380	B 13				374.6-376.8 clay-matrix calc breccia w/ fine gr. silic. andesite + white gr. calcite vein frags w/ky bleached w/ky argillized andesite w/ few thin gr. calcite-epid. veinlets bx w/ gr-calc-epid. c 378.8-379.7	str-clasts v. silic in clay				2-3%	
385	B 14				lgt-mnd green propyl por andesite, few x thin gr-calcite-epid. veinlets			strong		2-3%	
	B 15										

PROJECT: Monte Christo HOLE #: MCD-13 LOCATION: _____
LOGGED BY: RGC DATE: 10-20-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
						Silic.	CaCO ₃	Clay			
120				120							
125		N _o C _o r _e D-133°		125							
130				130							
133°											
135				135							
140				140							
142											
145				145							
150				150							

weakly fractured greenish gray por. andesite -
propylite, cut by few v. thin white calcite
veinlets

strong replacement

strong

str. repl
+
few
veinlets

1/2" white calcite @ 45°

PROJECT: Monte Christo

HOLE #: MCD-13

LOCATION:

LOGGED BY: RGC

DATE: 10-20-88 / 11-1-88

FEET	BOX	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
210				210								
	8				clay-matrix breccia - argillized & wkly siliceous small frags of andesite in light grey calcareous clay matrix		strong	v str- intense			*	
215				215	- clasts of str. silic. andesite & white quartz-calcite vein in clay-matrix breccia	clasts of silic. andesite & vein					+ 1/2 %	
220	9			220	med grey clay gouge w/ fine silicif. clasts							
				220-221	strongly stockwork veined sheared argillized andesite	stockwork					1 %	
				221-222	microbreccia / gouge							
				222-223	strong white gt-calcite veining	30 % gt-calc vns					1 %	
				223-224	intensely sheared, v. highly clay altered breccia approximating gauge & calcareous contains 1 to 30% white gt-calcite vein fragments	up to 30% vn frags in bx	str. calc. in clay	v str			2-3 %	shear fr. @ 65°
				230-232	grn grey clay gouge							
				232-233	broken clay rich shear/breccia w/ sev. % white quartz vein fragments	vein frags in bx					1-2 %	
				233	Quartz breccia vein - angular to subround fragments of propyl. pyritic to wkly silicified andesite cemented by clear to light grey crystalline quartz w/ minor calcite	10-30% vein gt as breccia cement	wkly in propyl (fr. in propyl andesite)				2-3 %	- mostly in andesite fr. starts
240				240								

PROJECT: Monte Christo

HOLE #: MCD-13

LOCATION:

LOGGED BY: RGC

DATE: 11-1-87

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
240	11	split - 240 no assays	Quartz Ven/Breccia	240	Ven/Breccia	~ 20% - 25% breccia			
238	12	split - 238 no assays		238	fine clay-rich calcareous sand - backfilled slope (?)	19-15% gt-calc vein			opening in @ 75°
235	13	split - 235 no assays	Quartz Vein	235	Quartz - mica / breccia (pillar?)	~ 20% gt-calcite bx cement			
232	14	split - 232 no assays		232	~ 251.2527 percent fine sand - backfill?				
228	15	split - 228 no assays		228	~ 252-2527 broken propylite andesite cut by few hairline quartz veinlets	Strong dissem. repl. in propyl. and.		~ 3% dissem.	
225	16	split - 225 no assays		225	251-2515 - white gt-calcite vein (minerals)	gt-calc. vein			
220	17	split - 220 no assays		220	Propylite, porphyritic andesite cut by thin white gt-calcite epidote veinlets	wk veinlets			- calc - epidote in H 070°
215	18	split - 215 no assays	backfill (?)	215	263 - ~ 267 percent fine calcareous sand backfill (?)				
210	19	split - 210 no assays		210	Propylite andesite cut by few thin gt-calc veinlets	↑ wk veinlets			2-3%

PROJECT: Monte Christo

HOLE #: MCD-13

LOCATION: _____

LOGGED BY: RGC

DATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERNATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
270		split 205-275	^		Propylitic porphyritic andesite cut by few 1/16-1/8" white quartz-calcite veinlets (1-2/ft) + 0.8-1.0 thin, fine white /ft	wk veinlets (1-2/ft)			strong			
275	14	whole unbroken core	^				wk vns +					1/2" gh-calc c 45°
280		split 275-282	^				mod rept					1/4" gh-calc c 45°
285	15	reduced to N split 282-287	^									
285		split 285-287	^		285-287 white gh-calcite vein							
285		split 287-288	^		286-287 white gh-calcite vein							
290		split 287-292	^		288-289 str. clay alt./sheared							
295	16	split 292-298	^		lt green propyl. andesite cut by few gh-calcite veinlets	tr veinlets	trunk with rept replac		(hal pt) chloritized			
295		split 292-298	^		297-298 thin clay gouge							

PROJECT: Monte Cristo HOLE #: MCD-13 LOCATION: _____
LOGGED BY: RGC DATE: 11-1-88

FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
16												
17					mod propyl peridotite andesite rare v. thin white grt-calcite v. lts (1-2/ft + few hairline v. lts.)	tr-v. lt	wk ve. mtr		mod		10%	
18												
19					3205-321 numerous v. lts	v. lts	v. lts					
20												
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PROJECT: Monte Christo HOLE #: MCD-13 LOCATION: _____
LOGGED BY: RG-C DATE: 11-1-88

Monte Christo

HOLE #: MCD-13

LOCATION:

1

DATE: 11-1-88

RGC

LOGGED BY:

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION Silic. CaCO ₃ Clay Propyl	FeOx	FeS ₂	STRUCTURE * c. a.
360	23	360 ↑ 360 -001 08 ↓ 363	Ta	360-363	str. propyl. andesite cut by irregular x 1/2" wide grt-calcite-epidote vein parallel zone ↑ str. mod. l.t. zone for andesite cut by mod. grt-calcite stockwork ↑ mod. propyl. andesite - wk - mod grt-calc veins	unit moderate grt-calcite stockwork strong mod		34	4-5" at-calc-epid. in parallel c.a.
365	24		Ta					1-2%	
370									
375		374 ↑ 374 002 110 ↓ 375	Quartz Δ Vein	374-375	Quartz-calcite breccia/vein - str. mod. l.t. grt andesite frags cemented by white grt-calcite ↑ Green lithic andesite mod. (lt. locally strongly) propyl. mod v. fine grt-calcite veining - wk veinlets	VEIN mod v. l.t. wk - veinlets of grt-calcite	trunk	1	un e 80°
380	25		Ta						
385									
390	26		Ta						

PROJECT: Monte ChristoHOLE #: MD-13

LOCATION: _____

LOGGED BY: AGCDATE: 11-1-88

FEET	BOX #	REMARKS	GRAPHIC LOG	FT	DESCRIPTION	ALTERATION			FeOx	FeS ₂	STRUCTURE
390				392		Silic.	CaCO ₃	Clay	Propyl		± c. a.
392	26		□		green lithioidesite (increased by few 1/8-1/4"						
395	27		□	395	glt-calc-epid. v. l. and propyl		wk repl				
400			□				wk repl				
401			□	400	mod-etc. propyl lat-mud green lithioidesite		wk-v. alt			1/2-1%	
405	28		□	405	w/ few (1/4") thin sph-calc-epid. v. alt						- 3/4" glt calc v. c. s.
410			□	410							
411			□	410	405-405' glt-calc v.						- v. c. s.
415	29		□	415						10%	
420			□	420							

PROJECT: Monte Christo HOLE #: MC D-13 LOCATION: _____
LOGGED BY: RGC DATE: 11-1-88

FEET	BOX #	REMARKS/RECOVERY	GRAPHIC LOG	FT	DESCRIPTION	Silic.	ALTERATION CaCO ₃	Clay	Propyl	FeOx	FeS ₂	STRUCTURE x c. a.
420				420								
421	29		□									
422			□									
423			□									
424			□									
425	30	split 422-430's	□	425	Green mud pyroclitic por. gneissite (breccia) core of calc. veinlets		weak		mod		2-3%	
426			□									
427		no core, but run from 427-431 = 427	□									
428			□									
429			□									
430			□	430								
431			□									
432			□									
433	31	no core - blocks indicate 3.3' recovered from 5.3' run	□	435	No core in box but blocks indicate fair to good recovery							
434			□									
435			□									
436			□									
437			□									
438			□									
439			□									
440			□	440								
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445			□	445								
446			□									
447			□									
448			□									
449			□									
450			□	450								

Older gravels of alluvial fans and pediments. Includes some high terrace gravels that are possibly as old as Pliocene. Distinguished from younger alluvium by relatively mature soil; the leached zone, where preserved, is brown and clayey, and is 2 to 4 feet thick; granitic boulders in this zone are thoroughly rotted, and siliceous boulders less so. The underlying zone contains ventifacts and boulders of calcite, carbonate or silica and is about 4 to 10 feet thick; boulders of granodiorite are generally rotted. Areas underlain by the gravel are usually strewn with boulders from 6 inches to 10 feet in diameter.

Qmp Qmpc

McClellan Peak olivine basalt
Flows, Qmp, and cinder cones, Qmpc, of gray to black basalt with prominent yellowish-green olivine phenocrysts

Qma

Mustang andesite
Thick flows of gray hornblende andesite. A fine-grained rock containing prominent large hornblende phenocrysts

QTr

Steamboat Hills rhyolite
Domes of extrusive pumiceous rhyolite containing sparse phenocrysts of sanidine, quartz, plagioclase, and biotite

QTI QTH

Lousetown formation
Medium- to dark-gray flows, QTI, of basaltic andesite and basalt; intrusions, QTH, similar but slightly coarser. Characterized by gray color and well-formed platy parting, with a sheet on the parting surfaces resulting from parallel arrangement of the plagioclase laths. Ranges from a fine-grained pyroxene andesite with a basaltic habit and appearance to olivine basalt. Flows less than 50 feet thick, with vesicular tops. Generally lies with marked angular unconformity on the Truckee formation and older rocks. A few feet of underlying stream gravel included in some places. In Steamboat Hills probably contemporaneous with or younger than Steamboat Hills rhyolite; elsewhere older

QTn

Knickerbocker andesite
(Distinguished only in the Comstock lode district)
Dark pyroxene andesite with a thin buff-colored rind on weathered surfaces. Partly olivine bearing. Intrusive in part

Tw

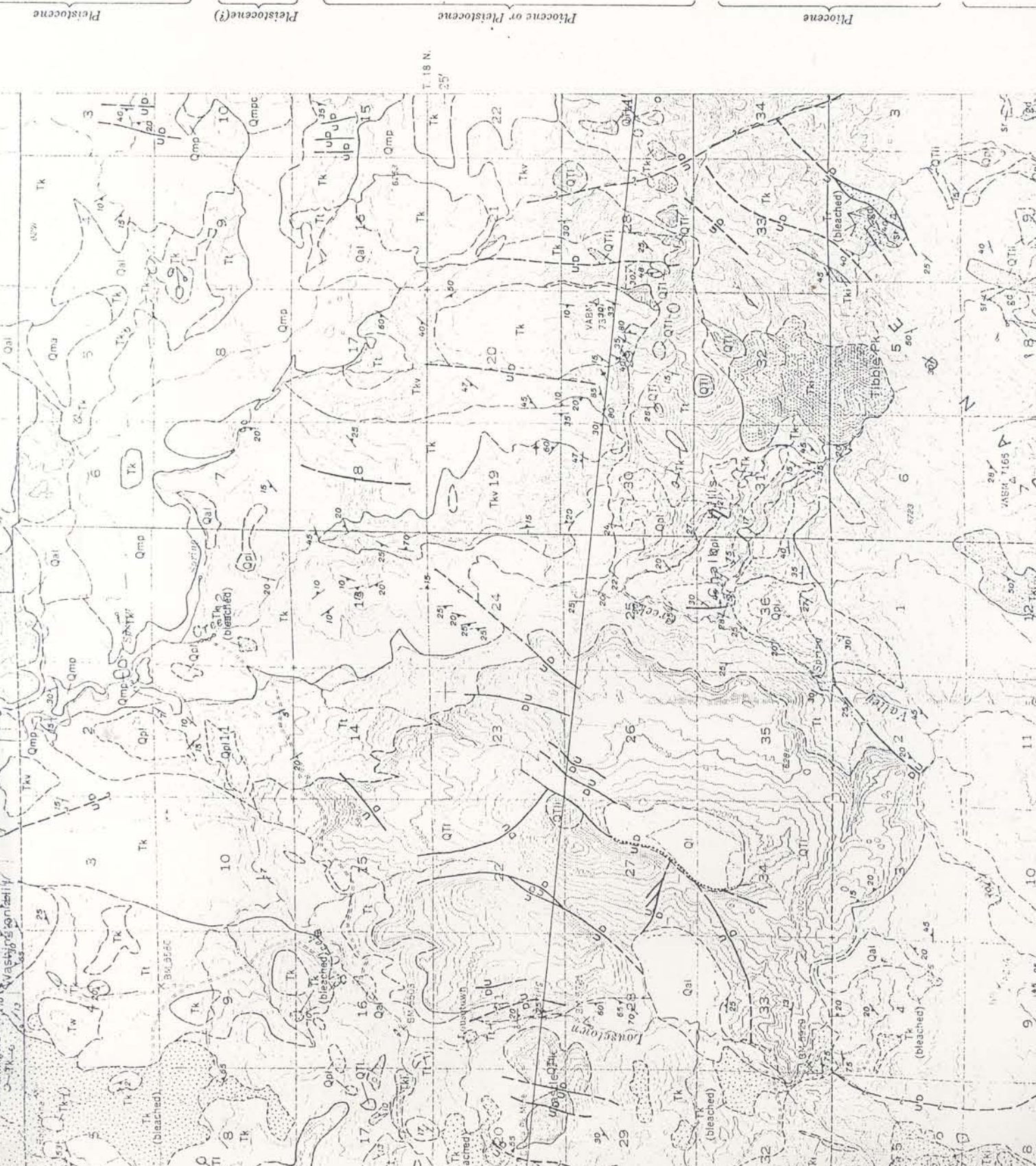
Washington Hill rhyolite
Dome and possible flows of dehydrified rhyolitic glass containing sparse phenocrysts of plagioclase and biotite. Some perite in smaller mass. Contemporaneous with upper part of Truckee formation

Tt

Truckee formation
Sedimentary rocks deposited in streams and lakes, with intercalated tuff. Includes diatomite, shale, sandstone, conglomerate, and pumiceous tuff-breccia; sediments derived mainly from andesite and rhyolite source rocks. Locally intertongues with the upper part of the Kate Peak formation

Tv

Quartz veins
Only large areas of quartz are shown





Truckee formation

Sedimentary rocks deposited in streams and lakes, with intercalated tuff. Includes diatomite, shale, sandstone, conglomerate, and porphyritic tuff-breccia; sediments derived mainly from andesitic and rhyolitic source rocks. Locally intertongues with the upper part of the Kate Peak formation.



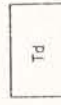
Quartz veins

Only large areas of quartz are shown



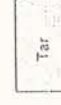
Kate Peak formation, Tk, with vitrophyre member, Tki

Lavas, flow breccias, and agglomerates composed chiefly of hornblende andesite, biotite-hornblende andesite, and pyroxene andesite; includes some interstratified volcanic rocks as mafic as basalt and as siliceous as rhyolite. The vitrophyre member is made up of flows of partly devitrified perlitic glass containing some phenocrysts of plagioclase, biotite, hornblende, and, rarely, quartz. The intrusive rock is most commonly biotite-hornblende andesite porphyry with a glassy groundmass and plagioclase phenocrysts as much as half an inch in diameter. A few hornblende andesite dikes that may belong to the Alta formation are included. The Kate Peak formation is distinguished from the Alta formation by its stratigraphic position, reddish-brown color, porous texture, and less intense alteration; large blocks or boulders commonly weather out from the Kate Peak formation; biotite is present in places and plagioclase phenocrysts are generally larger than in the Alta formation. Most of these criteria, however, may be missing locally.



Davidson granodiorite

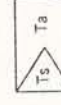
Light-gray medium-grained intrusive rock composed of plagioclase, green clusters of altered hornblende, and quartz. The vitrophyre member is made up of flows of partly devitrified perlitic glass containing some phenocrysts of plagioclase, biotite, hornblende, and, rarely, quartz. The intrusive rock is most commonly biotite-hornblende andesite porphyry with a glassy groundmass and plagioclase phenocrysts as much as half an inch in diameter. A few hornblende andesite dikes that may belong to the Alta formation are included. The Kate Peak formation is distinguished from the Alta formation by its stratigraphic position, reddish-brown color, porous texture, and less intense alteration; large blocks or boulders commonly weather out from the Kate Peak formation; biotite is present in places and plagioclase phenocrysts are generally larger than in the Alta formation. Most of these criteria, however, may be missing locally.



American Ravine andesite porphyry

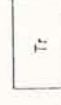
(Distinguished only in the Comstock lode district)

Most abundant type is fine-grained medium- to light-gray hornblende andesite with a silty luster, which is a result of parallel orientation of minute plagioclase laths. Includes some coarser andesite porphyry on the southwest side of American Ravine.



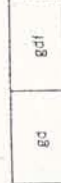
Alta formation, Ts, with Sutrro member, Ta

Lavas, pyroclastic rocks, and possibly intrusions of hornblende and pyroxene andesite; generally dark colored and extensively altered. The Sutrro member, which is present only in the Comstock lode district, is a sedimentary rock derived in large part from rhyolite and andesite volcanic rocks; it ranges in texture from shale to conglomerate, with grayish-green shale especially characteristic.



Hartford Hill rhyolite tuff

Light-pink to dull-purple tuff, tuff-breccia, and welded tuff. Composed largely of devitrified fragments of pumice and glass, with a variable proportion of crystals of quartz, orthoclase, plagioclase, and biotite. Fragments of granitic and metamorphic rocks are abundant in places.



Granodiorite, gdi, and foliated granodiorite, gdi

Granodiorite, gdi, and foliated granodiorite, gdi

1200 0140

309

204

MONTE CHRISTO PROJECT

FILE REPORT

MAY 26, 1988

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1. Summary

The Monte Christo project contains a small (approximately 900,000 tons) proven/probable ore body grading 0.042 opt Au and 1.7 opt Ag with a stripping ratio of 2.5:1. There are approximately 15,000 tons of mill tailings grading 0.04 opt Au available on the property. The potential for increased tonnage is excellent and considering the proximity to the neighboring Comstock Lode, the potential for encountering a bonanza type ore shoot is good. The amenability of the ore to heap leaching is unknown as only limited test work has been done.

2. Property, Description and Location

The Monte Christo project is located at the junction of Sixmile and Sevenmile Canyons approximately two miles east of Virginia City, Nevada. The claims are located in Sections 27 and 28, T17N, R21E, MDB&M.

The claim groups consist of the patented Monte Christo group of four claims and the Keyes group of four claims. A title opinion is beyond the scope of this short report.

3. Production History

The following is the recorded production from the Monte Christo Mine:

1881-1890 9726 tons averaging \$11.88 per ton

1912-1914 5453 tons @ 0.277 opt Au, 1.05 opt Ag

The Keys shaft production was reported to be 550 tons at \$7.15 per ton.

4. Geology

The area is underlain by tertiary eruptive, pyroclastic andesites of the Alta formation. There is abundant disseminated pyrite in the country rock which, upon weathering, causes extensive bleaching. Pyritic content of the country rock ranges as high as 10%. The Monte Christo vein lies within the Occidental shear zone. This zone is several miles in length and has been identified some 1250 vertical feet below outcrop in the Sutro Tunnel. The Monte Christo Vein lies on the footwall of the shear while the Keyes vein lies in the hangingwall. These structures strike north and dip from thirty to fifty degrees to the east. The Occidental structure parallels the famous Comstock Lode which produced 22 million tons grading 0.60 opt Au and 12 opt Ag. The Monte Christo vein is a silicified, carbonatized and brecciated footwall portion of the Occidental shear. There have been multiple episodes of fracturing and injection by silica, carbonate, pyrite and precious metals. The Monte Christo vein

has true widths ranging up to 60'. The Keyes vein appears to be a faulted extension of the Monte Christo vein.

5. Ore Reserves

Ore reserves have been calculated using intercepts from 24 diamond drill holes. These intercepts were plotted in plan at a scale of 1"=40'. The vertical thickness, au grade x thickness and ag grade x thickness were then kriged on 40' centers using linear variograms. Proven reserves were calculated using a 50' radius area of influence while probable reserves used a 500' area of influence. A boundary file was used to limit ore extensions to within a specific area bounded by drill holes and vein outcrop. The results of the reserve estimate, based on various ore value cutoffs are as follows:

5.1. Proven Reserves

Cutoffs based on \$450 Au and \$6.50 Ag.

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
296,006	0.034	1.4	\$0.00 (geologic)
255,428	0.038	1.6	\$10.00
187,454	0.043	2.0	\$20.00
30,286	0.088	4.0	\$30.00
25,194	0.094	4.3	\$50.00
13,673	0.105	4.7	\$70.00

5.2. Proven/Probable Reserves

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
1,211,939	0.035	1.3	\$00.00 (geologic)
1,064,603	0.039	1.5	\$10.00
871,655	0.042	1.7	\$20.00
286,037	0.057	2.3	\$30.00
105,616	0.068	2.9	\$40.00
37,779	0.079	3.6	\$50.00
12,028	0.084	3.9	\$60.00

5.3. Possible Reserves

The currently defined reserves exist within a strike length of about 500'. If the Keyes structure is the northern extension of the structure, it would be reasonable to assume a Possible reserve of plus 3,000,000 tons at a similar grade. A possibility also exists for the discovery of bonanza type ore shoots at depth and along strike.

5.4. Tailings

A reserve estimate was completed by former owners which show

that there are 15,000 tons of tailings grading 0.04 opt Au on the property.

6. Stripping Ratio

A quick estimate of the stripping requirements was made using four cross sections of the ore body. Based on a Proven/Probable reserve of 871,655 tons at 0.042 opt Au and 1.7 opt Ag, the stripping ratio will be approximately 2.5:1 waste to ore.

7. Metallurgy

Limited metallurgical test work has been done by former owners. Available test work indicates 96hr cyanidation recoveries on crushed ore of 43% for gold and 67% for silver. Based on a 24hr cyanidation test, crushed ore gave the following recoveries: gold @ 40%, Silver @ 25.4% while pulverized ore (98% minus 40 mesh) returned 94% recovery of gold and 73% recovery of silver. A five day test on the tailings gave recoveries of 77% on both gold and silver.

FIGURE 1: Grade Tonnage Curves

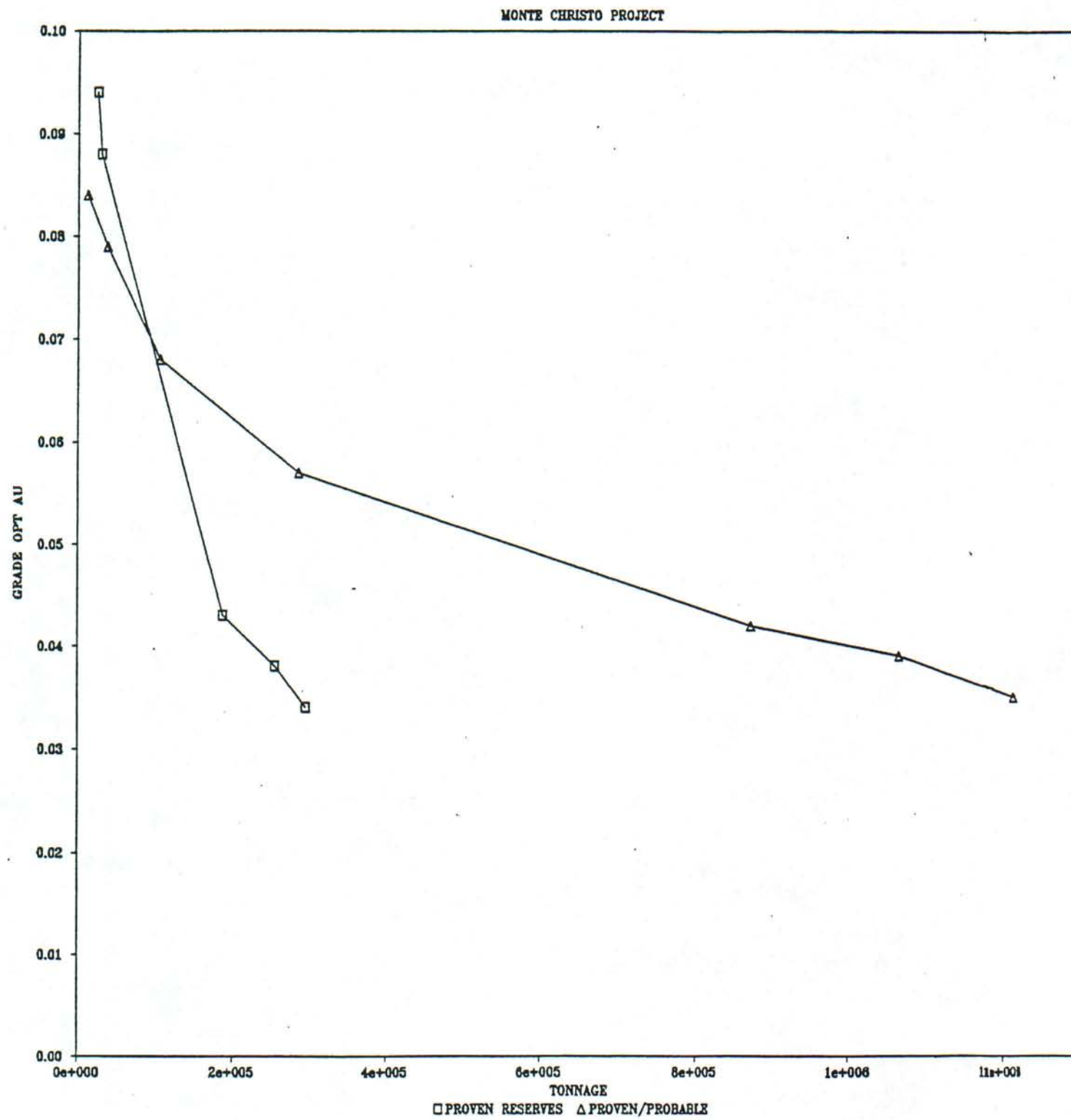


TABLE 1 - OVERALL METALLURGICAL RESULTS, BOTTLE ROLL TESTS,
MCD-16, 80 PERCENT MINUS 1/4 INCH FEED

METALLURGICAL RESULTS	MCD-16			
	93-99'		107-113'	
EXTRACTION, PCT TOTAL	Au	Ag	Au	Ag
IN 2 HOURS	50.7	25.7	10.0	11.8
6	72.3	31.6	21.4	15.0
24	77.5	36.6	32.5	21.7
48	82.5	41.6	44.1	25.3
72	87.7	42.9	51.4	26.6
96	93.2	44.1	59.1	27.5
EXTRACTED, OZ/TON	0.041	0.49	0.026	0.49
TAIL ASSAY, OZ/TON	0.003	0.62	0.018	1.29
CALCULATED HEAD, OZ/TON	0.044	1.11	0.044	1.78
HEAD ASSAY, OZ/TON	0.032	1.21	0.092	2.32
CYANIDE CONSUMED, LB/TON	0.10		0.11	
LIME ADDED, LB/TON	13.2		7.4	
FINAL SOLUTION pH	11.6		11.8	
NATURAL pH (40 PCT SOLIDS)	8.1		8.5	

93²-99²107²-113²

OXIDIZED VEIN/BRECCIA

107²-109

PARTLY OXIDIZED

109-113²

SULPHIDE

TABLE 2 - OVERALL METALLURGICAL RESULTS, BOTTLE ROLL TESTS,
MCD-2, 80 PERCENT MINUS 1/4 INCH FEED

METALLURGICAL RESULTS	MCD - 2					
	226(7)-231(9)		231(9)-237		237-242	
EXTRACTION, Pct TOTAL	Au	Ag	Au	Ag	Au	Ag
IN 2 HOURS	3.5	0.9	19.4	3.9	2.2	2.1
6	7.5	1.8	30.4	8.2	4.5	4.2
24	15.0	4.7	42.0	20.5	11.3	7.5
48	19.4	6.7	54.2	25.8	24.0	11.0
72	20.4	7.7	55.6	27.4	25.4	12.3
96	21.6	8.8	55.6	28.9	27.5	13.0
EXTRACTED, OZ/TON	0.027	0.61	0.005	0.11	0.011	0.19
TAIL ASSAY, OZ/TON	0.098	6.36	0.004	0.27	0.029	1.27
CALCULATED HEAD, OZ/TON	0.125	6.97	0.009	0.38	0.040	1.46
HEAD ASSAY, OZ/TON	0.088	5.23	0.029	0.77	0.014	1.33
CYANIDE CONSUMED, LB/TON	1.35		0.10		0.10	
LIME ADDED, LB/TON	5.7		6.7		6.6	
FINAL SOLUTION pH	11.5		11.5		11.6	
NATURAL pH (40 Pct. SOLIDS)	6.8		7.1		7.4	

Oxide 2-3% FeS₂
ALL STOCK WORK

Probable 10-15% of stockwork sulphide 25% Au 10% Ag

Figure 1. - Gold Leach Rate Profiles,

Bottle Tests, MCD-16, 1/4" Feed Size

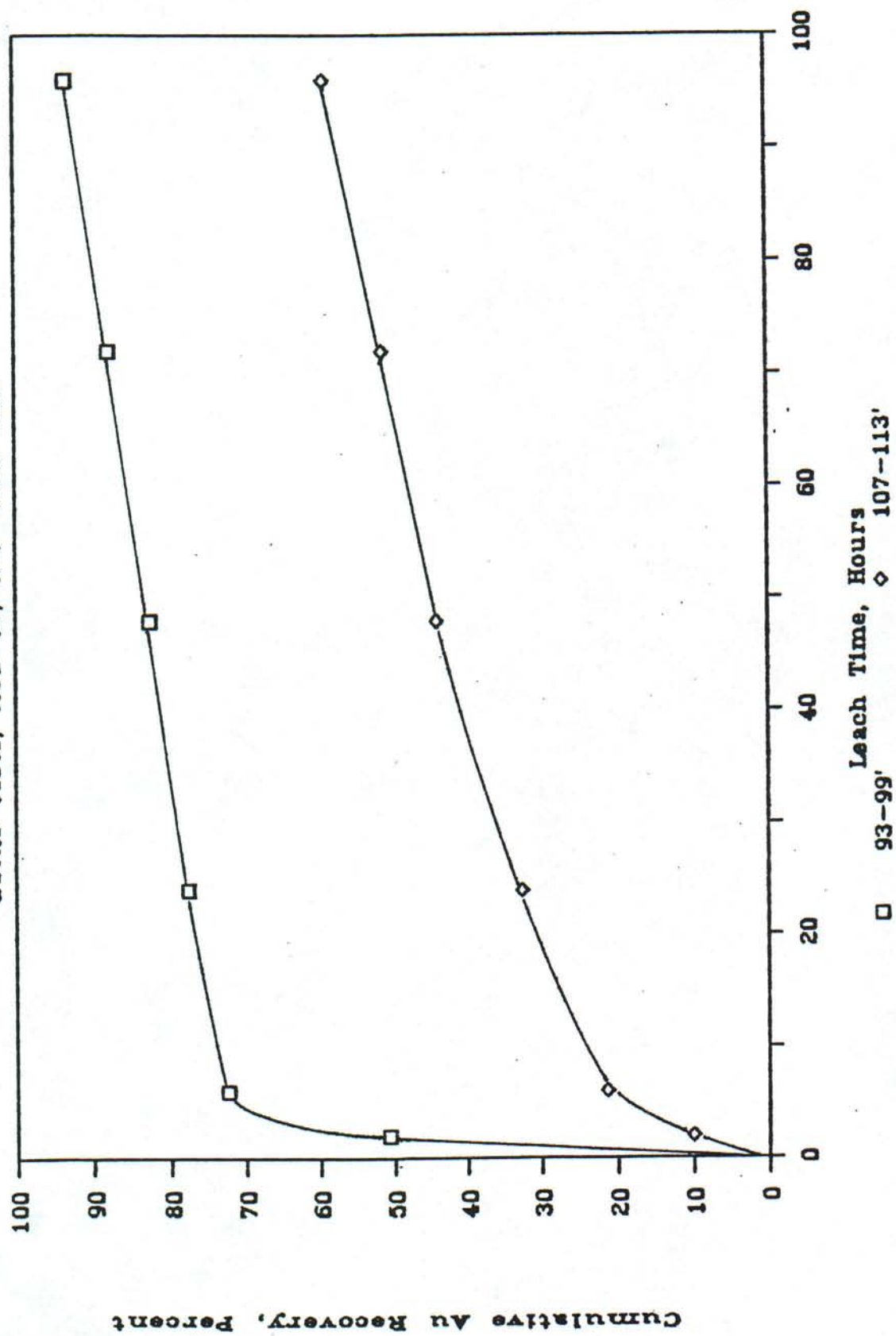


Figure 2. - Gold Leach Rate Profiles,

Bottle Tests, MCD-2, 1/4" Feed Size

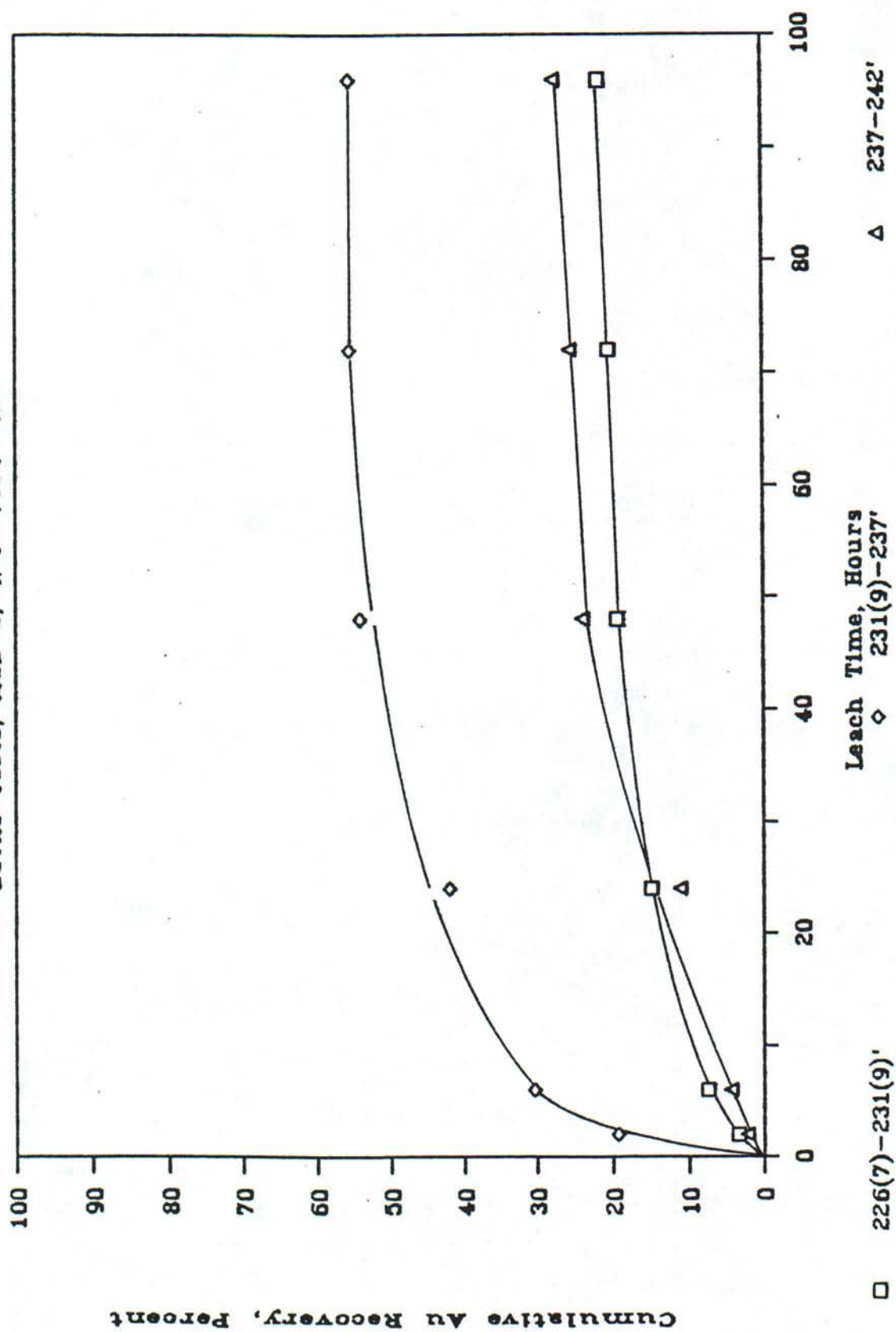


Figure 3. - Silver Leach Rate Profiles,

Bottle Tests, MCD-16, 1/4" Feed Size

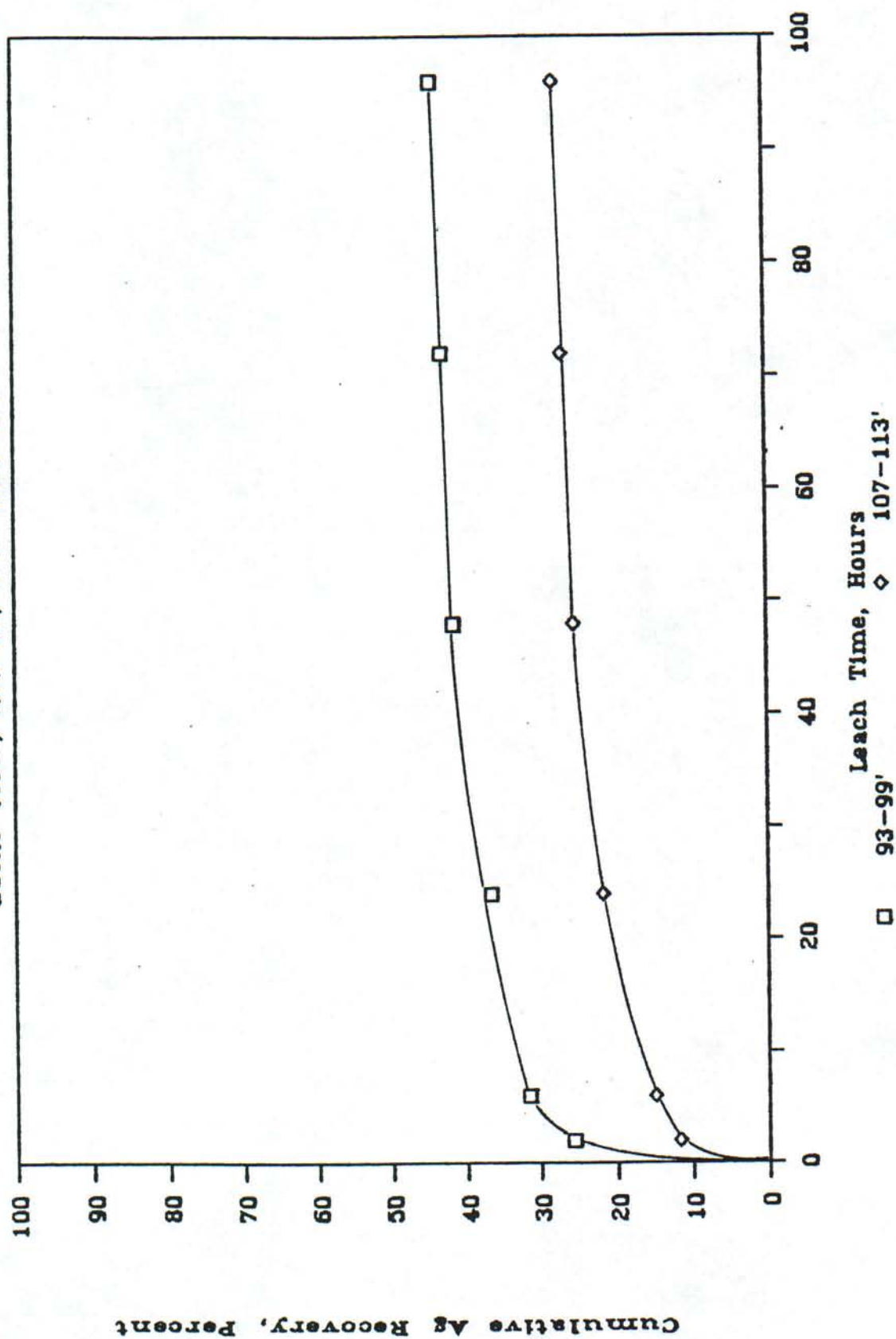
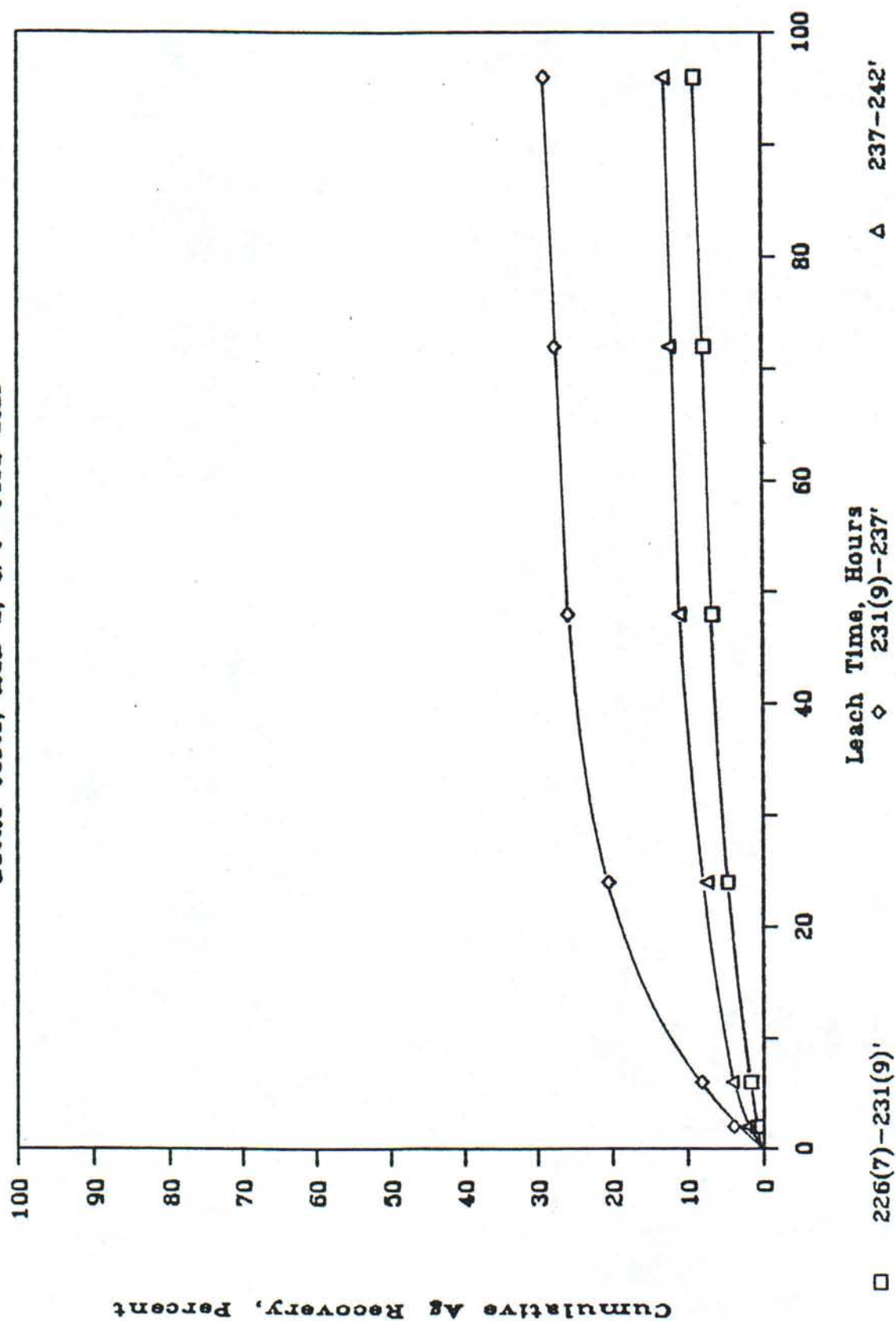


Figure 4. - Silver Leach Rate Profiles,

Bottle Tests, MCD-2, 1/4" Feed Size



1200 0140

HUNTER MINING LABORATORY, INC.

11/11/88

Head Sample Au/tm Ag/tm Au in sol. Au in tail Calc head
Hole 16 Au/tm %Rec.

1	88.6-93.8	0.010	0.58	0.002	0.003	0.005	40	oxide
2	93.8-99.2	0.035	1.71	0.011	0.037	0.038	29	"
3	99.2-102.7	0.003	0.37	0.002	0.004	0.006	33	"
4	102.7-107.7	0.005	0.49	0.003	0.005	0.008	38	"
5	107.7-113.7	0.076	1.43	0.006	0.025	0.031	19	"
6	113.7-118	0.017	1.33	0.003	0.008	0.011	27	sulfide

Price includes two assays:

1) Amalgam

2) Check Assay (head or tails)

1/4" crush.

1 A.T. weight	\$ 25.00
1 lb. weight	50.00
1 lb. concentrates	75.00
5 lb. concentrates	100.00
Should we sample stock rocks?	150.00
10 lb. concentrates	175.00
1 lb. concentrates	200.00

11/19/88

2	0.035	1.71	0.012	0.003	0.015	80%
5	0.076	1.43	0.011	0.001	0.012	92%

(48 hrs.)

11/20/88	next step column test @ 1/4"	\$ 75.00
5 A.T. weight		40.00
20 A.T. weight		10.00
5 lb. concentrator		90.00

1 gmt = .02916 + tray 1/5 ton

Price includes: Heads (fine) 1/5 ton (fine), Au in Solution

500 p.p.b. NaCN Consumption, CaO Consumption.

or .5 p.w. = .014

Sample Preparation Charge Extra - Page 6

Table Concentration (Deister) Greater of \$ 20.00/sample or
\$ 40.00/hour.

Heavy Liquid Separations Inquire
Flotation Bench Test Work Inquire

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

• SPARKS, NEVADA 89431

• TELEPHONE: (702) 358-6227

METALLURGICAL SERVICES

AMALGAMATIONS (Concentrates)

Price includes two assays:

- 1) Amalgam
- 2) Check Assay (head or tails)

1 A.T. weight	.	.	.	.	.	.	.	\$	25.00
5 A.T. weight	.	.	.	.	.	.	.		50.00
1 lb. concentrates	.	.	.	.	.	.	.		75.00
5 lb. concentrates	.	.	.	.	.	.	.		100.00
10 lb. concentrates	.	.	.	.	.	.	.		150.00
20 lb. concentrates	.	.	.	.	.	.	.		175.00
30 lb. concentrates	.	.	.	.	.	.	.		200.00

CN BOTTLE ROLL (48 hrs.)

1 A.T. weight	.	.	.	.	.	.	.	\$	25.00
5 A.T. weight	.	.	.	.	.	.	.		40.00
20 A.T. weight	.	.	.	.	.	.	.		70.00
5 lb. concentrates	.	.	.	.	.	.	.		90.00

Price includes: Heads (fire), Tails (fire), Au in Solution
NaCN Consumption, CaO Consumption.

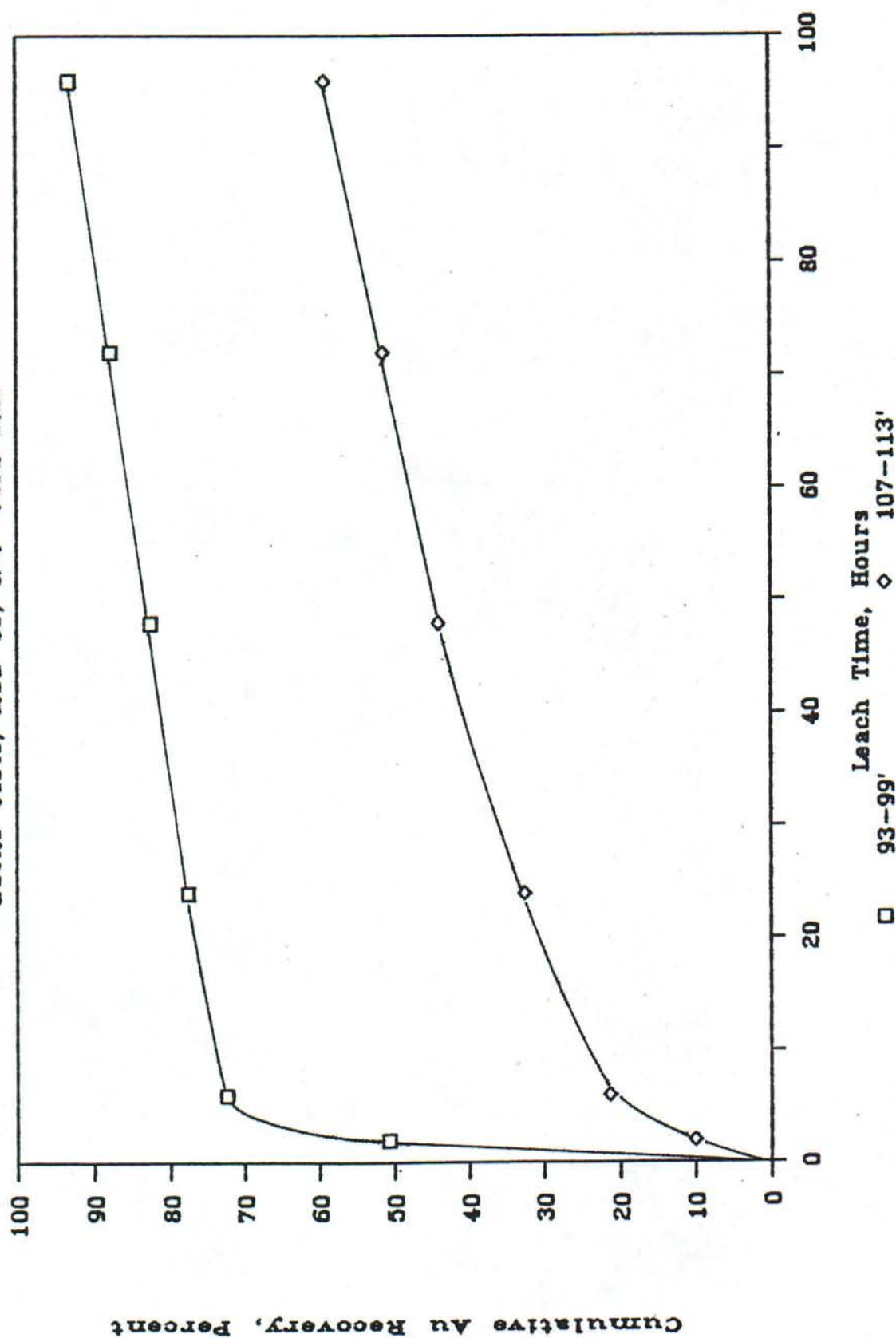
Sample Preparation Charge Extra - Page 6

Table Concentration (Deister) Greater of \$ 20.00/sample or
\$ 40.00/hour.

Heavy Liquid Separations Inquire
Flotation Bench Test Work Inquire

Figure 1. — Gold Leach Rate Profiles,

Bottle Tests, MCD-16, 1/4" Feed Size



1200 0140

Figure 2. - Gold Leach Rate Profiles,

Bottle Tests, MCD-2, 1/4" Feed Size

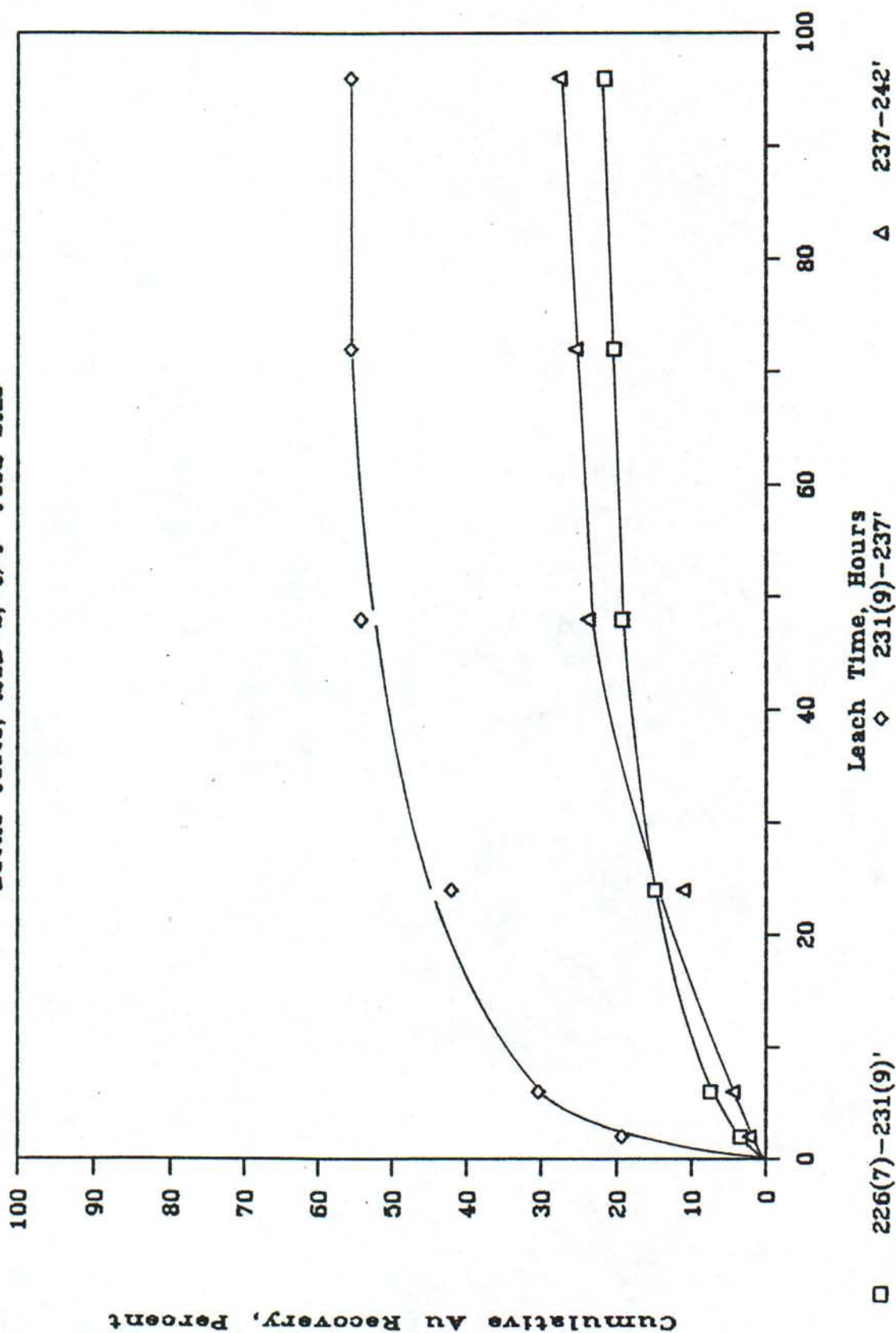


Figure 3. - Silver Leach Rate Profiles,

Bottle Tests, MCD-16, 1/4" Feed Size

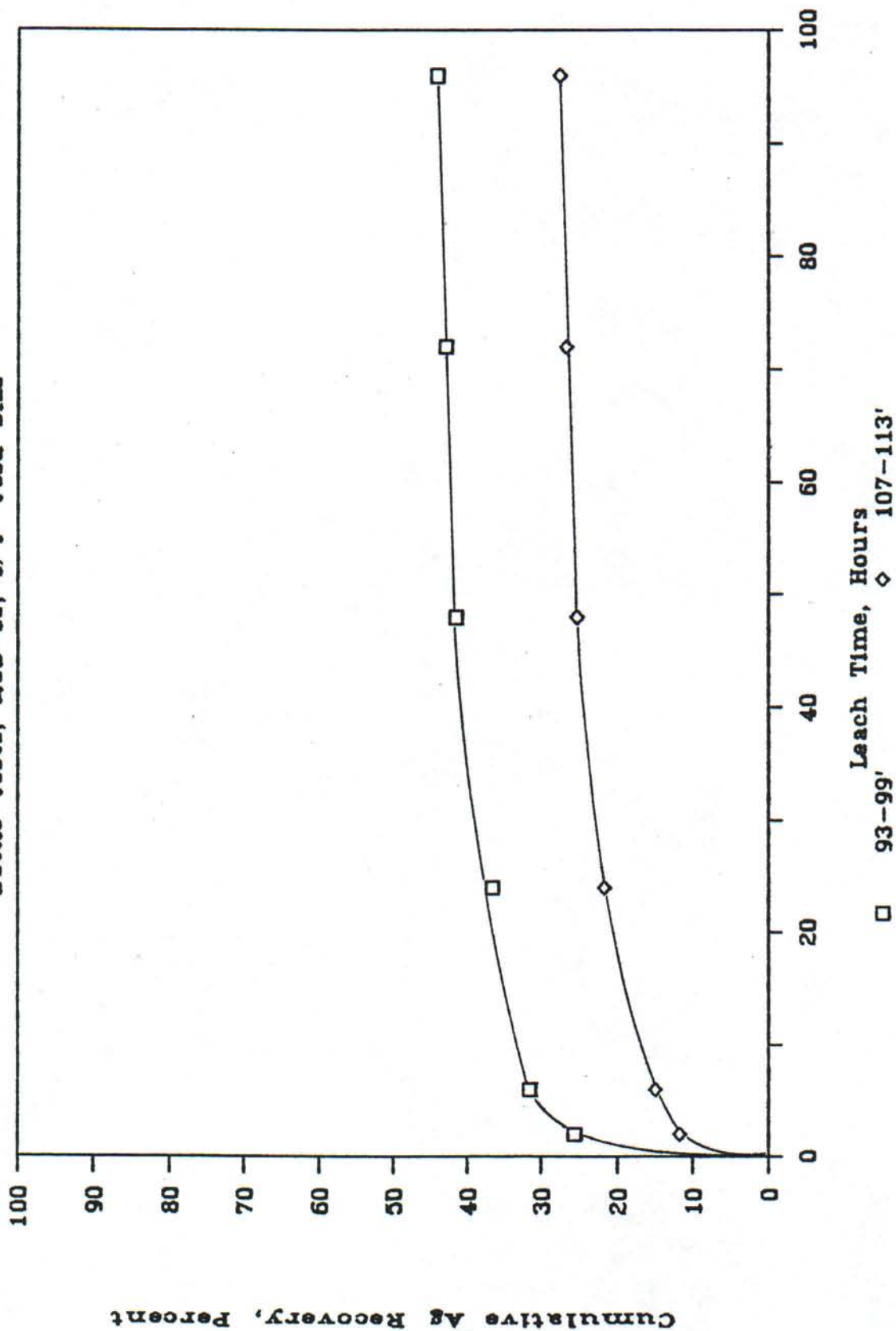
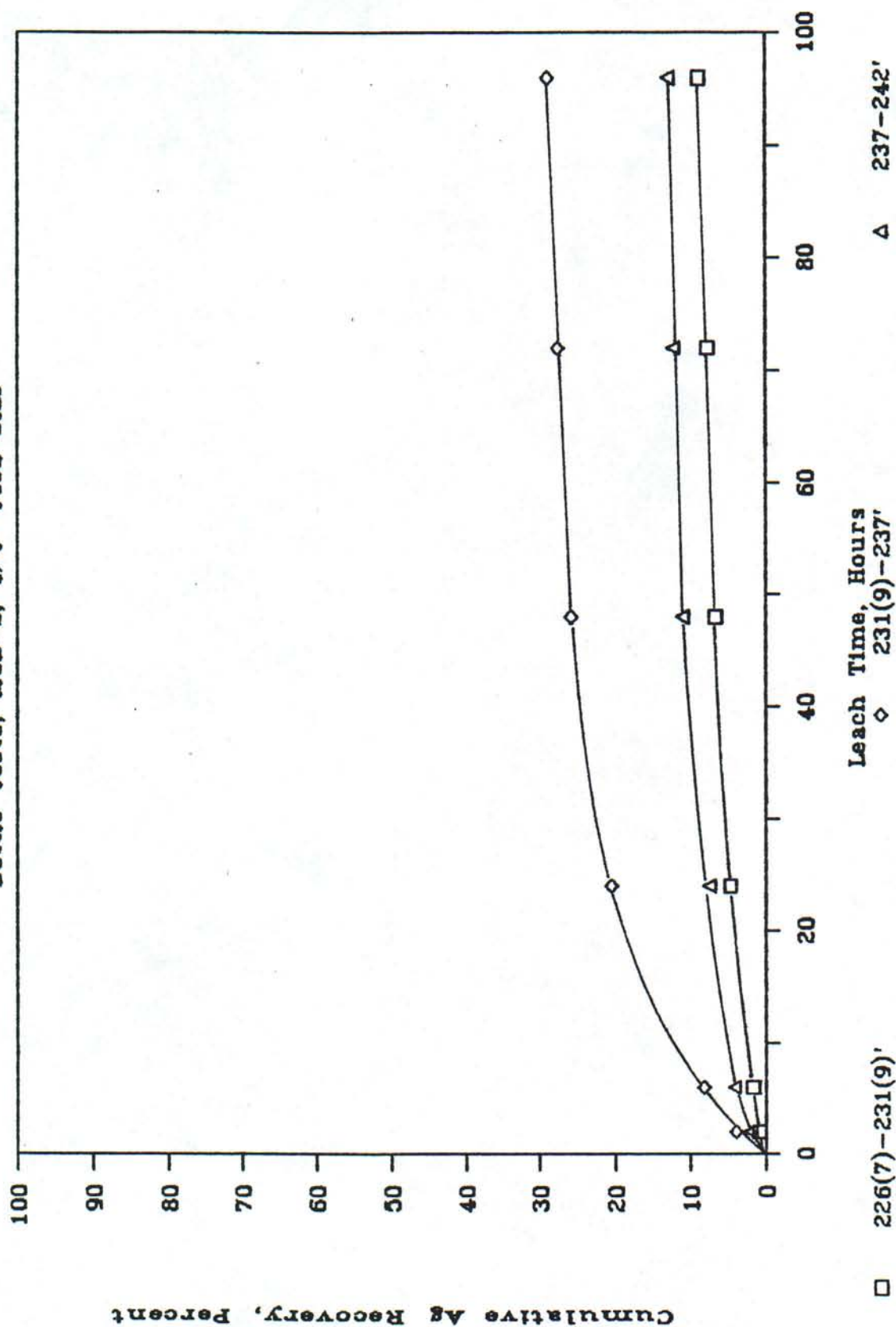


Figure 4. - Silver Leach Rate Profiles,

Bottle Tests, MCD-2, 1/4" Feed Size





McCLELLAND LABORATORIES, INC.

1016 Greg Street, Sparks, Nevada 89431 702 / 356-1300
FAX 702 / 356-8917

November 22, 1988

Mr. Jules LaPrairie
LaPRAIRIE MINING, LTD.
2525 Sharon Way
Reno, NV 89509

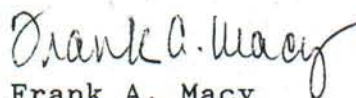
Dear Jules:

Enclosed is your copy of our laboratory order (MLI Job No. 1288) for the Monte Cristo samples you submitted.

The work began today and we hope to have final results to you no later than Friday, December 2, 1988.

We appreciate the opportunity to serve you. If you have any questions, please feel free to contact.

Sincerely,


Frank A. Macy
Laboratory Manager

FAM:vjm
enclosure

TABLE 1 - OVERALL METALLURGICAL RESULTS, BOTTLE ROLL TESTS,
MCD-16, 80 PERCENT MINUS 1/4 INCH FEED

METALLURGICAL RESULTS	MCD-16			
	93-99'		107-113'	
	Au	Ag	Au	Ag
EXTRACTION, PCT TOTAL				
IN 2 HOURS	50.7	25.7	10.0	11.8
6	72.3	31.6	21.4	15.0
24	77.5	36.6	32.5	21.7
48	82.5	41.6	44.1	25.3
72	87.7	42.9	51.4	26.6
96	93.2	44.1	59.1	27.5
EXTRACTED, OZ/TON	0.041	0.49	0.026	0.49
TAIL ASSAY, OZ/TON	0.003	0.62	0.018	1.29
CALCULATED HEAD, OZ/TON	0.044	1.11	0.044	1.78
HEAD ASSAY, OZ/TON	0.032	1.21	0.092	2.32
CYANIDE CONSUMED, LB/TON	0.10		0.11	
LIME ADDED, LB/TON	13.2		7.4	
FINAL SOLUTION pH	11.6		11.8	
NATURAL pH (40 PCT. SOLIDS)	8.1		8.5	

TABLE 2 - OVERALL METALLURGICAL RESULTS, BOTTLE ROLL TESTS,
MCD-2, 80 PERCENT MINUS 1/4 INCH FEED

METALLURGICAL RESULTS	MCD - 2					
	226(7)-231(9)		231(9)-237		237-242	
EXTRACTION, Pct TOTAL	Au	Ag	Au	Ag	Au	Ag
IN 2 HOURS	3.5	0.9	19.4	3.9	2.2	2.1
6	7.5	1.8	30.4	8.2	4.5	4.2
24	15.0	4.7	42.0	20.5	11.3	7.5
48	19.4	6.7	54.2	25.8	24.0	11.0
72	20.4	7.7	55.6	27.4	25.4	12.3
96	21.6	8.8	55.6	28.9	27.5	13.0
EXTRACTED, OZ/TON	0.027	0.61	0.005	0.11	0.011	0.19
TAIL ASSAY, OZ/TON	0.098	6.36	0.004	0.27	0.029	1.27
CALCULATED HEAD, OZ/TON	0.125	6.97	0.009	0.38	0.040	1.46
HEAD ASSAY, OZ/TON	0.088	5.23	0.029	0.77	0.014	1.33
CYANIDE CONSUMED, LB/TON	1.35		0.10		0.10	
LIME ADDED, LB/TON	5.7		6.7		6.6	
FINAL SOLUTION pH	11.5		11.5		11.6	
NATURAL pH (40 Pct. SOLIDS)	6.8		7.1		7.4	

Figure 1. - Gold Leach Rate Profiles,

Bottle Tests, MCD-16, 1/4" Feed Size

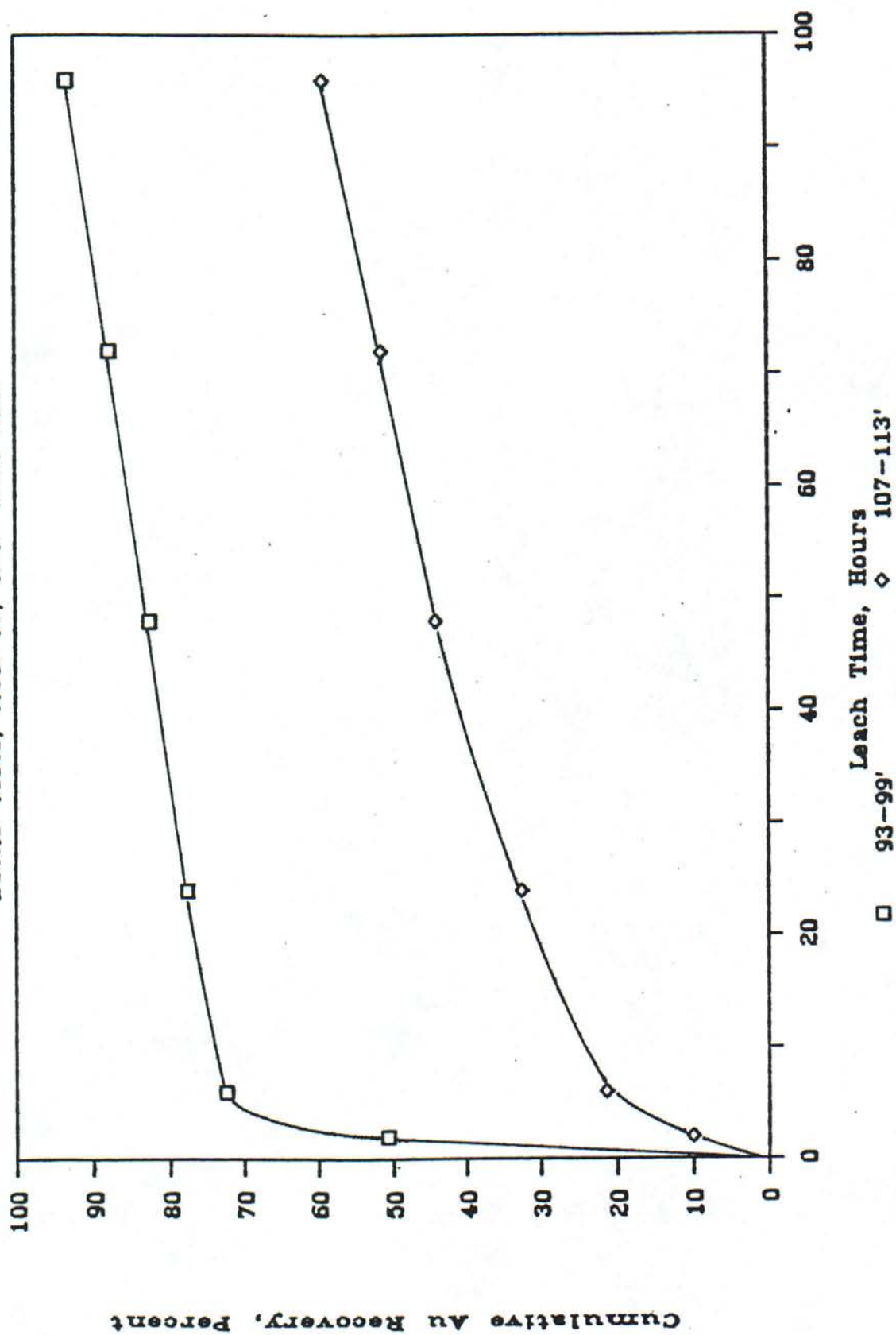


Figure 2. - Gold Leach Rate Profiles,

Bottle Tests, MCD-2, 1/4" Feed Size

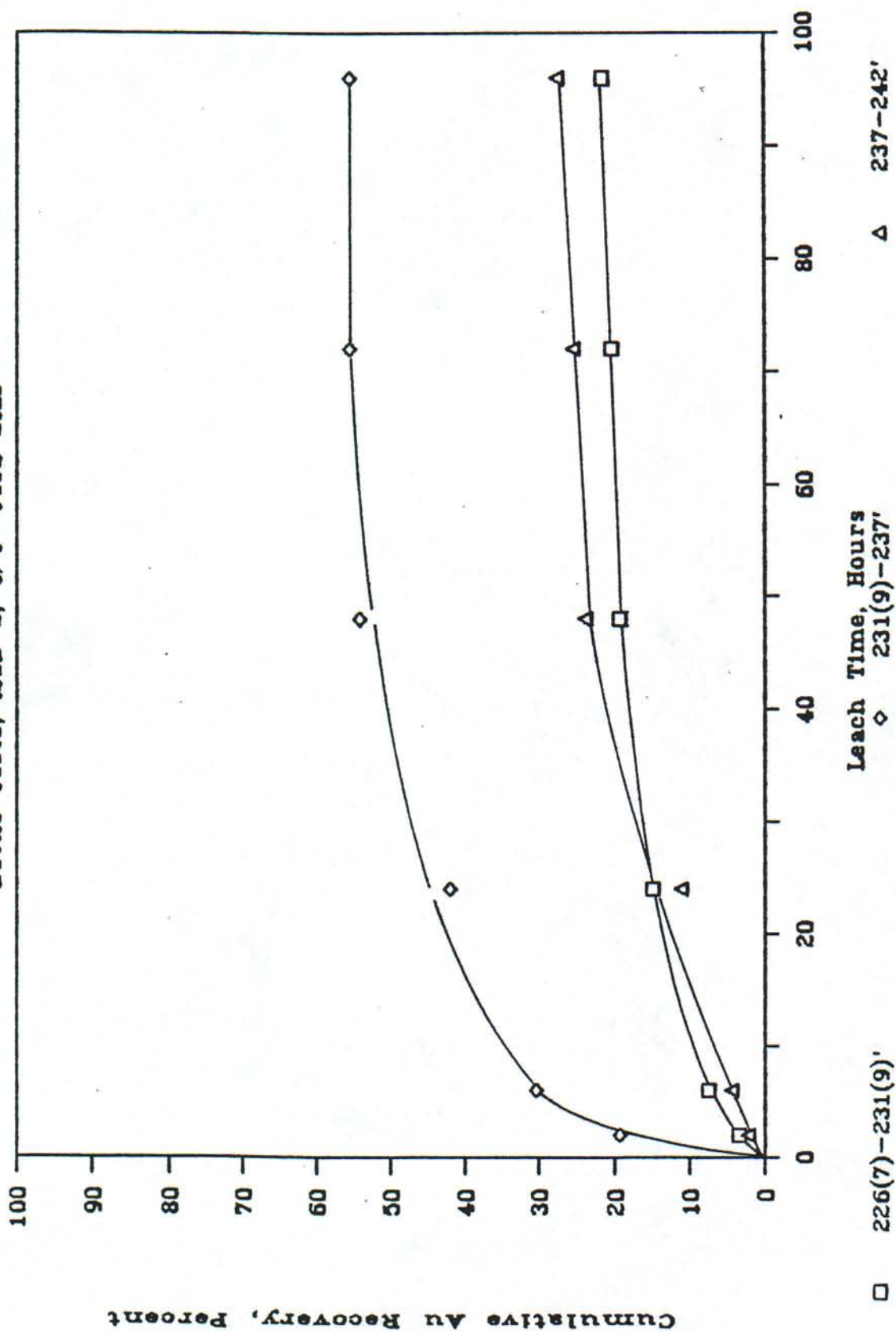


Figure 3. - Silver Leach Rate Profiles,

Bottle Tests, MCD-16, 1/4" Feed Size

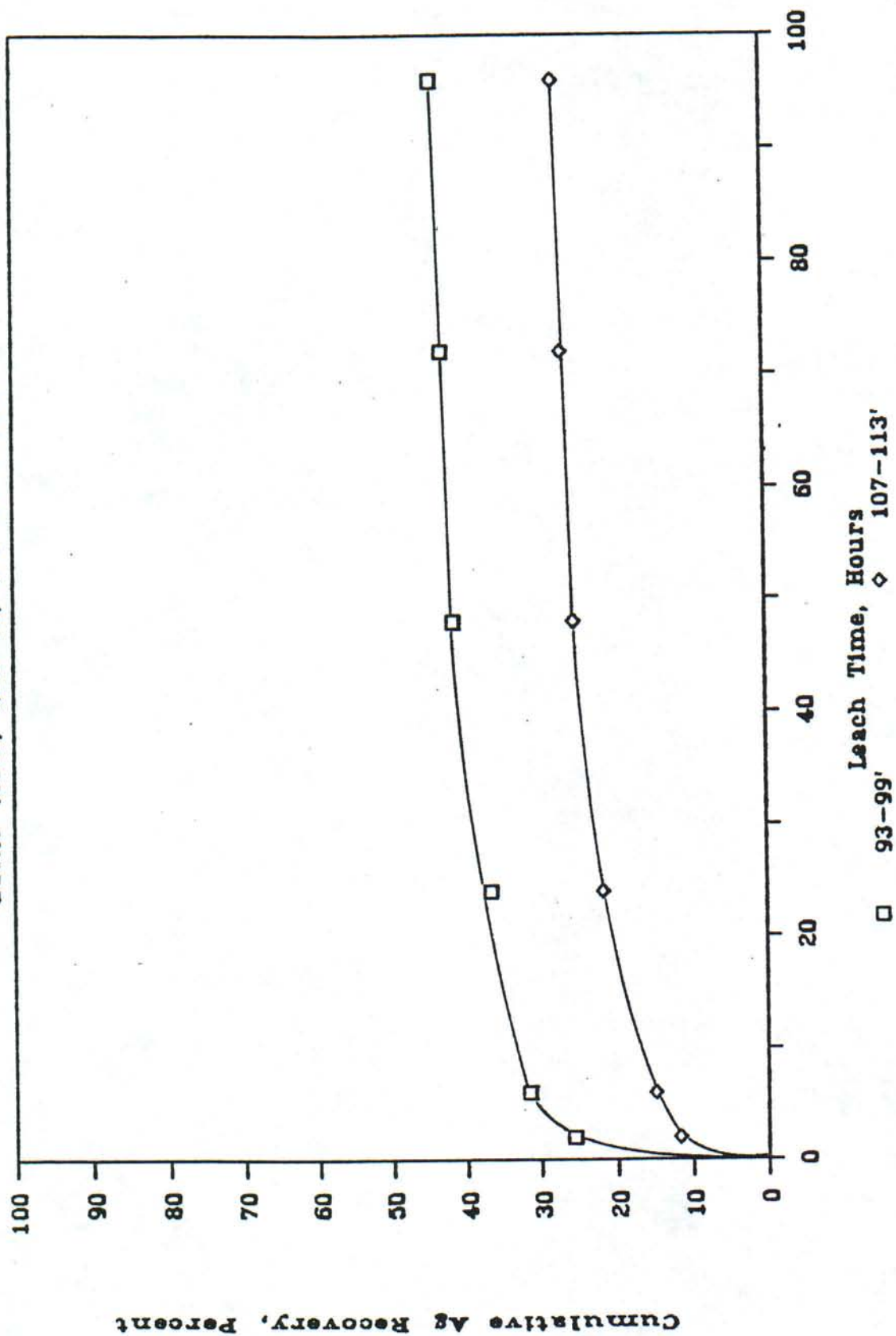
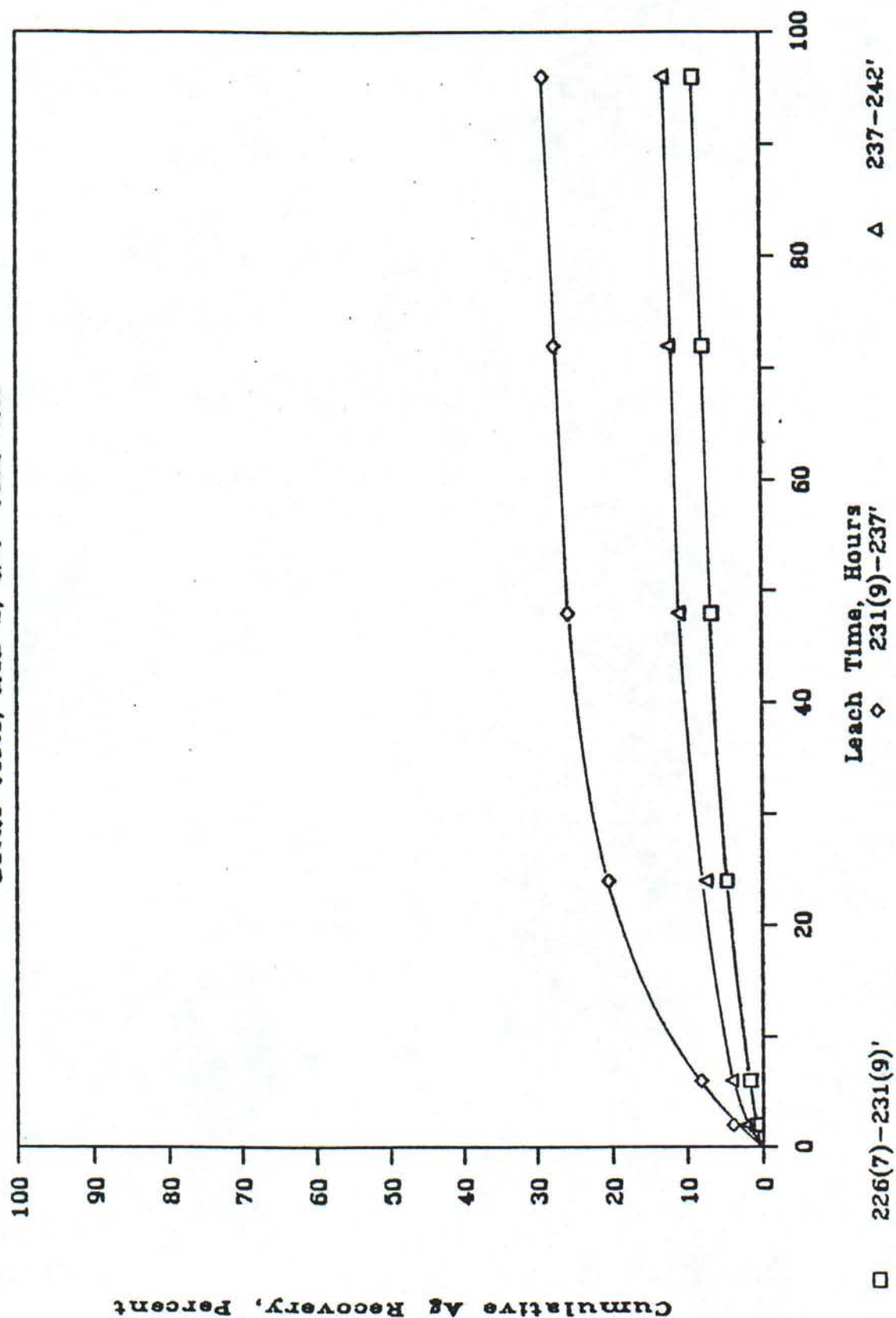


Figure 4. - Silver Leach Rate Profiles,

Bottle Tests, MCD-2, 1/4" Feed Size



BRISTLECONE MINING CO.

2525 Sharon Way, Reno, NV 89509; (702) 826-2838

Fax (702) 826 9784

FACSIMILE COVER LETTER

Date: 11/22/88

Please deliver the following pages to:

Name: COLIN MARSHALL

Company: BRISTLECONE MINING CO.

Facsimile No. (803) 681 3022

From: JULES LA PRAIRIE

There are 1 pages to this message (including this page).

Additional Message:

ON RECOMMENDATION BY MCLELLAND LABS (CONFERENCE 11/21/88) WE HAVE SUBMITTED THE FOLLOWING FOR 96 HR., 1 KILO, BOTTLE ROLL TESTS, @ 1/4" =

	AU	Ag
MCD-2, 226.7' to 231.9'	0.070	3.73
MCD-2, 231.9' to 237	0.032	2.07
MCD-2, 237' to 242	0.019	1.02
MCD-16, 93.8' to 99.2'	0.035	1.71
MCD-16 107.7' to 113.7'	0.076	1.43

WE EXPECT TO HAVE RESULTS & RECOMMENDATIONS DEC ²/~~2~~/88
WE WILL FOLLOW WITH COLUMN, 1/4" SIZE, 30 DAY TESTS
(QUANTITY TO BE DETERMINED), 100 LBS, AFTER 10 DAYS
WE SHOULD HAVE THE CRITICAL RESULTS AND BE ABLE
TO MAKE A DETERMINATION ON HEAP LEACHABILITY.
YOUR QUESTION ON THE MODE OF SILVER OCCURENCE
WILL BE ANSWERED LATER WHEN WE DO SOME
METALLURGICAL MINERALOGY.

J. Lep.

HILTON HEAD

NOV. 21, 1988

PHONE 803 681 9703
FAX 803 681 3022

JULES,

THIS WILL ACKNOWLEDGE RECEIPT OF
THE ASSAY RESULTS, PRESUMABLY THE
SAMPLES ARE CONSECUTIVELY FROM
ONE HOLE. ARE THE VALUES TYPICAL,
HOW DOES THE SILVER OCCUR?

REGARDS,

C.M.M.

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

• SPARKS, NEVADA 89431 •

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Date: November 18, 1988

Laboratory number: 35488

Analytical Method: 5AT B-roll

Your Order Number:

72 m

Report on: 2 Samples, pulp

Sample Mark	Gold oz/ton	Silver oz/ton	Consumption	
			NaCN lbs/ton	CaO lbs/ton

HEAD SAMPLES from job #35416				
93.8- 99.2	0.035	1.71		
107.7-113.7	0.076	1.43		
AU in solution				
93.8- 99.2	0.012 <i>80% of 0.015</i>		5.7	3.7
107.7-113.7	0.011 <i>92% of 0.012</i>		5.2	3.5
TAIL SAMPLES				
93.7- 99.2	0.003	0.11		
107.7-113.7	0.001	0.12		

Sample Mark	pH measure	NaCN lbs/ton

93.7- 99.2	10	1.8
107.7-113.7	12	2.3

HUNTER MINING LABORATORY, INC.

H. H. Scales

H. H. Scales *CS*



McCLELLAND LABORATORIES, INC.

1016 Greg Street, Sparks, Nevada 89431 702 / 356-1300
FAX 702 / 356-8917

December 6, 1988

Mr. Jules LaPrairie
LaPRAIRIE MINING, LTD.
2525 Sharon Way
Reno, NV 89509

Dear Jules:

Enclosed are metallurgical data generated from direct cyanidation tests conducted on the Monte Cristo samples which you submitted.

Enclosed also is our invoice (MLI Job No. 1288) for the testwork.

Thank you for allowing us the opportunity to serve you.

Sincerely,

Frank A. Macy
Laboratory Manager

FAM:vjm
enclosure

Table 1. - Overall Metallurgical Results, Bottle Roll Tests,
MCD-16, 80 Percent Minus 1/4 Inch Feed

Metallurgical Results	MCD-16			
	93-99'		107-113'	
	Au	Ag	Au	Ag
Extraction: pct total Au				
in 2 hours	50.7	25.7	10.0	11.8
in 6 hours	72.3	31.6	21.4	15.0
in 24 hours	77.5	36.6	32.5	21.7
in 48 hours	82.5	41.6	44.1	25.3
in 72 hours	87.7	42.9	51.4	26.6
in 96 hours	93.2	44.1	59.1	27.5
Extracted, oz/ton	0.041	0.49	0.026	0.49
Tail Assay, oz/ton	0.003	0.62	0.018	1.29
Calculated Head, oz/ton	0.044	1.11	0.044	1.78
Head Assay, oz/ton	0.032	1.21	0.092	2.32
Cyanide Consumed, lb/ton		0.10		0.11
Lime Added, lb/ton		13.2		7.4
Final Solution pH		11.6		11.8
Natural pH (40 pct. solids)		8.1		8.5

Table 2. - Overall Metallurgical Results, Bottle Roll Tests,
MCD-2, 80 Percent Minus 1/4 Inch Feed

Metallurgical Results	MCD-2					
	226(7)-231(9)		231(9)-231		237-242	
	Au	Ag	Au	Ag	Au	Ag
Extraction: pct total Au						
in 2 hours	3.5	0.9	19.4	3.9	2.2	2.1
in 6 hours	7.5	1.8	30.4	8.2	4.5	4.2
in 24 hours	15.0	4.7	42.0	20.5	11.3	7.5
in 48 hours	19.4	6.7	54.2	25.8	24.0	11.0
in 72 hours	20.4	7.7	55.6	27.4	25.4	12.3
in 96 hours	21.6	8.8	55.6	28.9	27.5	13.0
Extracted, oz/ton	0.027	0.61	0.005	0.11	0.011	0.19
Tail Assay, oz/ton	0.098	6.36	0.004	0.27	0.029	1.27
Calculated Head, oz/ton	0.125	6.97	0.009	0.38	0.040	1.46
Head Assay, oz/ton	0.088	5.23	0.029	0.77	0.014	1.33
Cyanide Consumed, lb/ton		1.35		0.10		0.10
Lime Added, lb/ton		5.7		6.7		6.6
Final Solution pH		11.5		11.5		11.6
Natural pH (40 pct. solids)		6.8		7.1		7.4

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

Date: November 11, 1988

Laboratory number: 35416

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Analytical Method: Fire AT
5AT B-roll

Your Order Number: 4322

Report on: 8 Samples, core

Sample Mark	Gold oz/ton	Silver oz/ton	NaCN lbs/ton	CaO lbs/ton
MCD-16 SERIES				
82-85	-0.001	0.10		
85-88.6	0.001	0.03		
HEAD SAMPLES				
88.6-93.8	0.010	0.58		
93.8-99.2	0.035	1.71		
99.2-102.7	0.003	0.37		
102.7-107.7	0.005	0.49		
107.7-113.7	0.076	1.43		
113.7-118	0.017	1.33		
AU in solution				
88.6-93.8	0.002 16% of .005		2.9	2.5
93.8-99.2	0.011 27% of .038		3.7	3.0
99.2-102.7	0.002 33% of .006		3.1	2.4
102.7-107.7	0.003 32% of .008		2.9	2.4
107-113	0.006 19% of .031		3.0	2.2
113-118	0.003 27% of .011		3.1	2.3
TAILS				
88.6-93.8	0.003	0.27		

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE
LAPRAIRIE MINING LTD.

SPARKS, NEVADA 89431
Page: 2

TELEPHONE: (702) 358-6227
Laboratory No: 35416

Sample Mark	Gold oz/ton	Silver oz/ton	NaCN lbs/ton	CaO lbs/ton
93.8-99.2	0.027	0.32		
99.2-102.7	0.004	0.98		
102.7-107	0.005	-0.01		
107-113	0.025	1.50		
113-118	0.008	0.69		

HUNTER MINING LABORATORY, INC.

H. H. Scales

H. H. Scales -

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE

SPARKS, NEVADA 89431

TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

Date: November 18, 1988

Laboratory number: 35488

LAPRAIRIE MINING LTD.
2525 SHARON WAY
RENO, NEVADA 89509

Analytical Method: 5AT B-roll

72 %

Your Order Number:

Report on: 2 Samples, pulp

Sample Mark	Gold oz/ton	Silver oz/ton	Consumption NaCN lbs/ton	CaO lbs/ton
HEAD SAMPLES from job #35416				
93.8- 99.2	0.035	1.71		
107.7-113.7	0.076	1.43		
AU in solution				
93.8- 99.2	0.012		5.7	3.7
107.7-113.7	0.011		5.2	3.5
TAIL SAMPLES				
93.7- 99.2	0.003	0.11		
107.7-113.7	0.001	0.12		

Sample Mark	pH measure	NaCN lbs/ton
93.7- 99.2	10	1.8
107.7-113.7	12	2.3

HUNTER MINING LABORATORY, INC.

H. H. Scales
H. H. Scales

BRISTLECONE MINING CO.

2525 Sharon Way, Reno, NV 89509; (702) 826-2838

November 21, 1988

Mr. David Peterson
P.O. Box 61
Tuscarora, NV 89834

Dear Dave:

Enclosed are the results of the 48 hour and 72 hour, 5 A.T.
bottle roll tests done on the Monte Cristo samples.

Where did the gold in solution go ?


Jules

~~1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040~~

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TABLE 6.—A STANDARD SIZING SCALE BASED ON THE STANDARD 200-MESH SCREEN

Size		Mesh	Sizing method	Example
Milli-meters	Microns			
26.67				
18.85				River gravel
13.33				
9.423				
6.680	.....	3		
4.699	.....	4		
3.327	.....	6		Pea gravel
2.362	.....	8		
1.651	.....	10		
1.168	.....	14		
0.833	.....	20		
0.589	.....	28		
0.417	.....	35		
0.295	.....	48		Beach sand
0.208	.....	65		
0.147	.....	100		
0.104	.....	150		
0.074	.....	200		
0.052	52	270		
0.037	37	400		
	26			
	18.5	(800)		Fine silt
	13			
	9.25	(1,600)		
	6.5			Blood cells
	4.62	(3,200)		
	3.25			
	2.32			
	1.62			Many germs
	1.16			
	0.81			
	0.58			
	0.41			Wave length of visible light
	0.29			
	0.20			
	0.14			
	0.10			
	0.07			
	0.05			
	0.035			
	0.025			Thinnest iridescent films visible by light interference
	0.017			
	0.012			
	0.008			
	0.006			
	0.004			
	0.003			Very large molecules
	0.002			
	0.0015			
	0.001			
	0.0007			
	0.0005			Average unit crystal

In a second
the percentage
divisional size
passing the
again be either

0.25

	A	B	C	D	E	F	G
260	AU FO CUTOFF		0.25				
261	AG FO CUTOFF		7.5				
262	TONS		526,246				
263	AU GRADE		0.046	AU OZ	24,101	AU EQUIVALENT	
264	AG GRADE		1.77	AG OZ	933,778	37,440	

READY

	A	B	C	D	E	F	G
259							
260	AU FO CUTOFF		O				
261	AG FO CUTOFF		O				
262	TONS		619,216				
263	AU GRADE		0.041	AU OZ	25,081	AU EQUIVALENT	
264	AG GRADE		1.55	AG OZ	959,450	38,788	

READY

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	A	B	C	D	E	F	G
258							
259							
260	AU FO CUTOFF		0.5				
261	AG FO CUTOFF		15				
262	TONS		462,669				
263	AU GRADE		0.049	AU OZ	22,670	AU EQUIVALENT	
264	AG GRADE		1.91	AG OZ	884,519	35,306	
265							
266							
01-Jan-80	04:15 AM						
C260:	0.75						

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	A	B	C	D	E	F	G
260	AU FO CUTOFF		0.75				
261	AG FO CUTOFF		22.5				
262	TONS		418,546				
263	AU GRADE		0.051	AU OZ	21,495	AU EQUIVALENT	
264	AG GRADE		2.01	AG OZ	839,210		
265							
266							
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WAIT

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258							
259							
260	A FO CUTOFF	B	C	D	E	F	G
261	AG FO CUTOFF						
262	TONS						
263	AU GRADE						
264	AG GRADE						
265							
266							

READY

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A
260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
266

B
1
30
372,304
0.054 AU OZ
2.11 AG OZ

C
20,087 AU EQUIVALENT
783,939
31,286

D
20,087 AU EQUIVALENT
783,939
31,286

E
20,087 AU EQUIVALENT
783,939
31,286

F
20,087 AU EQUIVALENT
783,939
31,286

G
20,087 AU EQUIVALENT
783,939
31,286

01-Jan-80 04:18 AM
C260: 1.25
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260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
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B
1.25
37.5
337,349
0.056 AU OZ
2.18 AG OZ

C
18,803 AU EQUIVALENT
735,340
29,308

D
18,803 AU EQUIVALENT
735,340
29,308

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18,803 AU EQUIVALENT
735,340
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18,803 AU EQUIVALENT
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18,803 AU EQUIVALENT
735,340
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C260: 1.5
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A B C D E F G
260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
266
01-Jan-80 04:19 AM
C260: 1.75
READY

A B C D E F G
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260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
266
01-Jan-80 04:20 AM
C260: 2
READY

A B C D E F G
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260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
266
01-Jan-80 04:21 AM
C260: 2.25
READY

261 AG FO CUTOFF 82.5
262 TONS 47,075
263 AU GRADE 0.083 AU OZ
264 AG GRADE 3.69 AG OZ
265
266
01-Jan-80 04:23 AM
C260: 3

READY

	A	B	C	D	E	F	G
248	0	0	0	0	0	0	0
249	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0
251	0	0	0	0	0	0	0
252	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0
254	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0
258							
259							

260 AU FO CUTOFF 3
261 AG FO CUTOFF 90
262 TONS 32,404
263 AU GRADE 0.089 AU OZ
264 AG GRADE 3.97 AG OZ
265
266
01-Jan-80 04:24 AM
C260: 3.25

2,873 AU EQUIVALENT
128,601 4,710

261 AG FO CUTOFF 82.5
262 TONS 47,075
263 AU GRADE 0.083 AU OZ
264 AG GRADE 3.69 AG OZ
265
266
01-Jan-80 04:23 AM
C260: 3

	A	B	C	D	E	F	G
248	0	0	0	0	0	0	0
249	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0
251	0	0	0	0	0	0	0
252	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0
258							
259							

260 AU FO CUTOFF 3.25
261 AG FO CUTOFF 90
262 TONS 32,404
263 AU GRADE 0.089 AU OZ
264 AG GRADE 3.97 AG OZ
265
266
01-Jan-80 04:24 AM
C260: 3.25

2,873 AU EQUIVALENT
128,601 4,710

READY

C260: 3.5

263 AU GRADE
264 AG GRADE
265
266
01-Jan-80 04:27 AM
C260: 4.25

0.103 AU OZ
4.68 AG OZ

867 AU EQUIVALENT
39,395 1,429

READY

	A	B	C	D	E	F	G
248	0	0	0	0	0	0	0
249	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0
251	0	0	0	0	0	0	0
252	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0
254	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0
258							
259							

A
260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
266
01-Jan-80 04:27 AM
C260: 4.5

C 4.25
127.5
4,046
0.112 AU OZ
5.05 AG OZ

E 20,430
F 744
G 453 AU EQUIVALENT

READY

	A	B	C	D	E	F	G
248	0	0	0	0	0	0	0
249	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0
251	0	0	0	0	0	0	0
252	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0
254	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0
258							
259							

A
260 AU FO CUTOFF
261 AG FO CUTOFF
262 TONS
263 AU GRADE
264 AG GRADE
265
266
01-Jan-80 04:28 AM
C260: 4.75

C 4.5
135
1,325
0.126 AU OZ
5.68 AG OZ

E 7,524
F 274
G 167 AU EQUIVALENT

READY

	A	B	C	D	E	F	G
248	0	0	0	0	0	0	0
249	0	0	0	0	0	0	0

MONTE CHRISTO PROJECT

FILE REPORT

MAY 26, 1988

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1. Summary

The Monte Christo project contains a small (approximately 900,000 tons) proven/probable ore body grading 0.042 opt Au and 1.7 opt Ag with a stripping ratio of 2.5:1. There are approximately 15,000 tons of mill tailings grading 0.04 opt Au available on the property. The potential for increased tonnage is excellent and considering the proximity to the neighboring Comstock Lode, the potential for encountering a bonanza type ore shoot is good. The amenability of the ore to heap leaching is unknown as only limited test work has been done.

2. Property, Description and Location

The Monte Christo project is located at the junction of Sixmile and Sevenmile Canyons approximately two miles east of Virginia City, Nevada. The claims are located in Sections 27 and 28, T17N, R21E, MDB&M.

The claim groups consist of the patented Monte Christo group of four claims and the Keyes group of four claims. A title opinion is beyond the scope of this short report.

3. Production History

The following is the recorded production from the Monte Christo Mine:

1881-1890 9726 tons averaging \$11.88 per ton

1912-1914 5453 tons @ 0.277 opt Au, 1.05 opt Ag

The Keys shaft production was reported to be 550 tons at \$7.15 per ton.

4. Geology

The area is underlain by tertiary eruptive, pyroclastic andesites of the Alta formation. There is abundant disseminated pyrite in the country rock which, upon weathering, causes extensive bleaching. Pyritic content of the country rock ranges as high as 10%. The Monte Christo vein lies within the Occidental shear zone. This zone is several miles in length and has been identified some 1250 vertical feet below outcrop in the Sutro Tunnel. The Monte Christo Vein lies on the footwall of the shear while the Keyes vein lies in the hangingwall. These structures strike north and dip from thirty to fifty degrees to the east. The Occidental structure parallels the famous Comstock Lode which produced 22 million tons grading 0.60 opt Au and 12 opt Ag. The Monte Christo vein is a silicified, carbonatized and brecciated footwall portion of the Occidental shear. There have been multiple episodes of fracturing and injection by silica, carbonate, pyrite and precious metals. The Monte Christo vein

has true widths ranging up to 60'. The Keyes vein appears to be a faulted extension of the Monte Christo vein.

5. Ore Reserves

Ore reserves have been calculated using intercepts from 24 diamond drill holes. These intercepts were plotted in plan at a scale of 1"=40'. The vertical thickness, au grade x thickness and ag grade x thickness were then kriged on 40' centers using linear variograms. Proven reserves were calculated using a 50' radius area of influence while probable reserves used a 500' area of influence. A boundary file was used to limit ore extensions to within a specific area bounded by drill holes and vein outcrop. The results of the reserve estimate, based on various ore value cutoffs are as follows:

5.1. Proven Reserves

Cutoffs based on \$450 Au and \$6.50 Ag.

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
296,006	0.034	1.4	\$0.00 (geologic)
255,428	0.038	1.6	\$10.00
187,454	0.043	2.0	\$20.00
30,286	0.088	4.0	\$30.00
25,194	0.094	4.3	\$50.00
13,673	0.105	4.7	\$70.00

5.2. Proven/Probable Reserves

Tons	Au Grade	Ag Grade	Gross Value Per Ton Cutoff
1,211,939	0.035	1.3	\$00.00 (geologic)
1,064,603	0.039	1.5	\$10.00
871,655	0.042	1.7	\$20.00
286,037	0.057	2.3	\$30.00
105,616	0.068	2.9	\$40.00
37,779	0.079	3.6	\$50.00
12,028	0.084	3.9	\$60.00

5.3. Possible Reserves

The currently defined reserves exist within a strike length of about 500'. If the Keyes structure is the northern extension of the structure, it would be reasonable to assume a Possible reserve of plus 3,000,000 tons at a similar grade. A possibility also exists for the discovery of bonanza type ore shoots at depth and along strike.

5.4. Tailings

A reserve estimate was completed by former owners which show

that there are 15,000 tons of tailings grading 0.04 opt Au on the property.

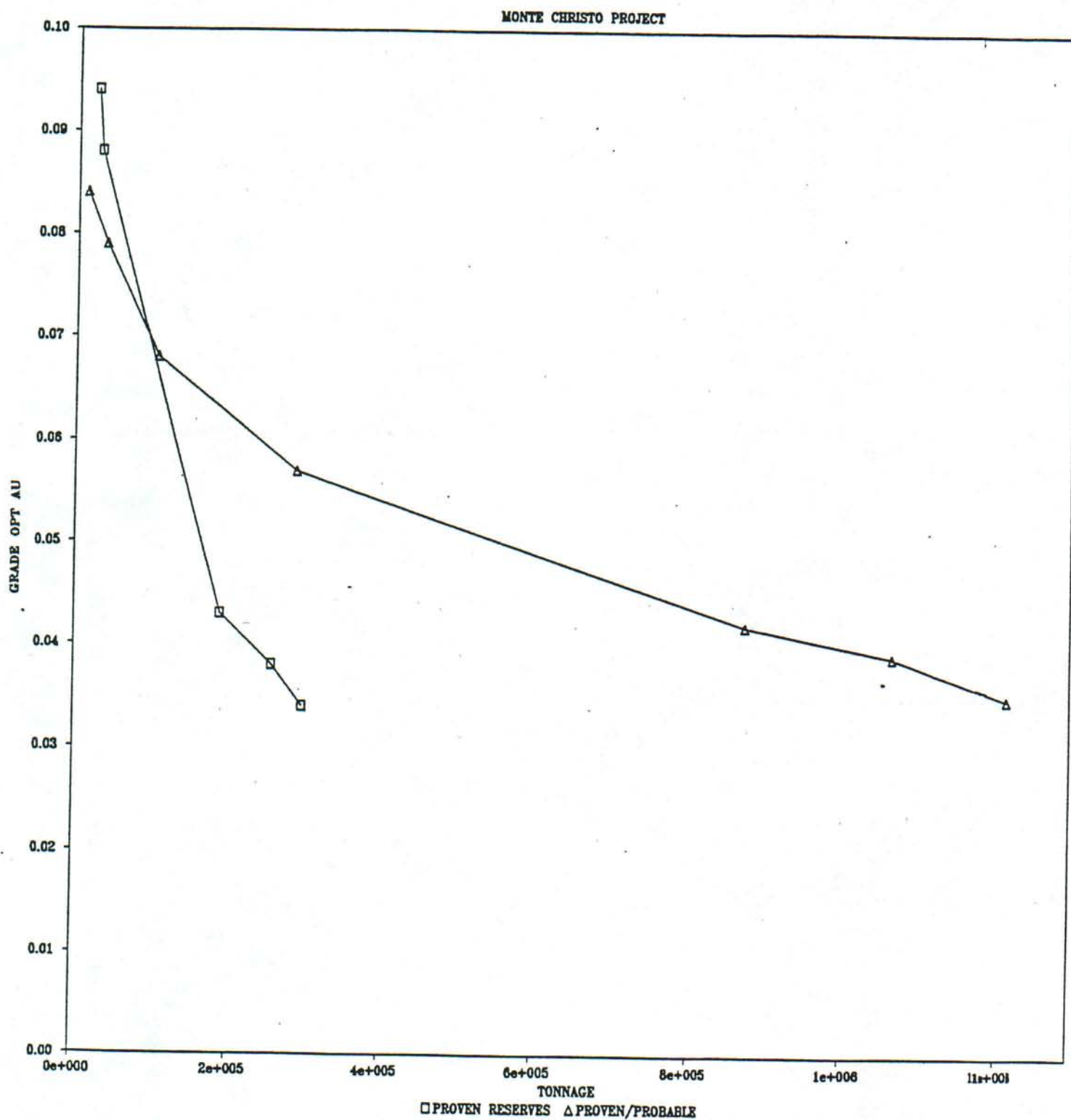
6. Stripping Ratio

A quick estimate of the stripping requirements was made using four cross sections of the ore body. Based on a Proven/Probable reserve of 871,655 tons at 0.042 opt Au and 1.7 opt Ag, the stripping ratio will be approximately 2.5:1 waste to ore.

7. Metallurgy

Limited metallurgical test work has been done by former owners. Available test work indicates 96hr cyanidation recoveries on crushed ore of 43% for gold and 67% for silver. Based on a 24hr cyanidation test, crushed ore gave the following recoveries: gold @ 40%, Silver @ 25.4% while pulverized ore (98% minus 40 mesh) returned 94% recovery of gold and 73% recovery of silver. A five day test on the tailings gave recoveries of 77% on both gold and silver.

FIGURE 1: Grade Tonnage Curves



TO: **HUNTER MINING LABORATORY, INC.**

994 GLENDALE AVENUE • SPARKS, NEVADA 89431 • TELEPHONE: (702) 358-6227

LABORATORY ORDER

SAMPLES FROM:

CUSTOMER CODE:

Monte Cristo

La Prairie Mining

Laboratory
Number:

Nov 488035427

Date
Received:

Customer
Order No.:

Attention:

Telephone:

Date
Shipped:

Via:

SAMPLE MARK	FORM	ANALYZE FOR	SAMPLE MARK	FORM	ANALYZE FOR
<i>MCD-3</i> <i>1075-112</i> <i>114-124</i>	<i>Core</i>	<i>Au Ag</i>			
<i>MCD-4</i> <i>1645-169</i> <i>169-1716</i> <i>1716-176'</i>	<i>↓</i>	<i>↓</i>			
<i>MCD-1</i> <i>236⁶-240³</i> <i>310-315⁵</i> <i>322-326</i> <i>330⁸-333⁹</i>	<i>↓</i>	<i>↓</i>			

REMARKS:

NO. OF SAMPLES:

☐ TRACE

PULPS: ☐ Discard, ☒ Return.

☒ FIRE ASSAY

REJECTS: ☐ Discard, ☒ Return.

PULPS held for 90 days. REJECTS held on request for 30 days. After 30 days storage charges of \$1.00/cwt/month will be billed. Minimum charge for storage will be \$5.00/month.

SUBMITTED BY:

Alvin J. Davis

Date:

1/4/88

DH-1

Logged

1 18-29

2 29-38

3 38-47⁷4 47⁷-63⁶5 63⁶-72²6 72²-817 81-91⁵8 91⁵-999 99-108⁵10 108⁵-117

11 117-126

12 126-135

13 135-147

14 147-155⁵15 155⁵-164¹16 164¹-174⁹17 174⁹-184³18 184³-193⁶19 193⁸-203

20 203-212

21 212-220⁴ } 200-23722 220⁴-230

23 230-239

24 239-248⁵25 248⁵-258

26 258-267

27 267-275

28 275-287

29 287-296

30 296-304

31 304-312

32 312-321⁵33 321⁵-33134 331-339⁷35 339⁷-349

36 349-358

37 358-358⁴293³-297³ .008
297³-298³ +, c

} 297-307

EOK

logged to 358 - largely illegible

200³-206²206²-210⁴210⁴-217⁴217⁴-223⁵223⁵-228⁸228⁸-236⁶

+

028

+

009

.046

+

.03

1.96

.020

.38

.91

.05

MCD -2

- 1 28-39
- 2 39-67
- 3 67-76^s
- 4 76^s-85
- 5 85-96^y
- 6 96^y-106
- 7 106-115⁷
- 8 115⁷-124
- 9 124-133^s
- 10 133^s-142^s
- 11 142^s-151^s
- 12 151^s-161
- 13 161-170^s
- 14 170^s-179⁸
- 15 179⁸-189
- 16 189-198⁸
- 17 198⁸-208¹
- 18 208¹-217⁷
- 19 217⁷-226⁷
- 20 226⁷-237
- 21 237-247²
- 22 247-253

Logged

split

205²-210³ TR, 124
210³-214² TR, 123

split

split + 222¹

197²-202⁹ c. 0.11 Au, .69 Ag

202⁹-208³ c. + .507 Ag

214²-217⁷ c. 0.27 Au, 1.53 Ag

217⁷-222⁴ c. 0.47 Au, 1.98 Ag

E O H

split 247.5-253²

247-253², 339 Au, 13.1

logged to 253² mostly illegible

MCD - 3

1	20-32			
2	32-42 ⁵			
3	42 ⁸ -61 ³			
4	61 ³ -92 ⁷			
5	92 ⁷ -106			
6	106-151 ⁸			
7	151 ⁸ -182	175-178 e	015 Au	.77 Ag
8	182-191 ⁷	178-182 e	.170	9.10
9	191 ⁷ -202 ⁵	182-184 e	.227	11.29
10	202 ⁵ -213 ⁷	184-185.8 e	.017	.51
11	213 ⁷ -222 ⁷	185 ⁸ -191 ⁷ e	⊖	.33
12	222 ⁷ -231 ⁹	191 ⁷ -197 ⁶ e	.027	1.38
13	231 ⁹ -241 ⁸	197 ⁶ -202 ⁵ e	.076	3.38
14	241 ⁸ -252 ⁷	202 ⁵ -206.8 e	.021	.93
15	252 ⁷ -262 ⁸	206 ⁵ -213 ⁷ e	⊖	.73 Ag
		213 ⁷ -218 ⁰ e	.007 Au	.34 Ag
		218 ⁰ -222 ⁷ e	⊖	.15
		222 ⁷ -226 ⁵ e	.043	1.69
		226 ⁵ -231 ⁹ e	.024	.90
		231 ⁹ -237 ⁹ e	.016	.35
		237 ⁹ -241 ⁸ e	.026	.89
		241 ⁸ -247 ⁶ e	tr	⊖
		247 ⁶ -252 ⁷ e	tr	.08
		252 ⁷ -260 ⁷ e	.004	.24

logged - illegible

MCD -4

LOGGED

- 1
- 2 49¹-61²
- 3 61²-81⁶
- 4 81⁶-90⁴
- 5 90¹-101²
- 6 101⁵-112⁷
- 7 112⁷-127⁷
- 8 127⁷-137¹
- 9 137¹-147³
- 10 147³-161³
- 11 161³-171²
- 12 171²-176¹

117.5-125°	⇒ Au	04 Ag
125°-127 ⁷	⇒	.24
127 ⁷ -133°	.009	.28
133°-136 ²	.006	.24
136 ² -139 ⁶	.005	.17
139 ⁶ -143 ⁴	.009	.26
143 ⁴ -147 ⁵	.042	2.21
147 ⁵ -152 ²	.030	1.10
152 ² -158 ⁵	.065	2.96
158 ⁵ -161 ³	tr	.15
161 ³ -164 ⁵	tr	.12

logged to 176¹ - illeg.

MCD -5

Logged

1	60-76 ⁴	68 ⁵ -70 ⁵	tr	0
		70 ⁵ -72 ⁵	tr	0
		72 ⁴ -76 ⁴	.005	.18
		76 ⁴ -77 ⁴	.470 Au	73.61 Ag
		77 ⁴ -78 ⁴	tr	.24
2	76 ⁹ -83 ⁷	78 ⁴ -83 ²	.01	.35
		83 ² -89 ²	.110	2.89
3	83 ⁷ -93 ⁵	89 ² -92 ⁶	.012	.49
		92 ⁶ -95 ¹	.056	2.68
4	93 ¹ -103 ⁵	95 ¹ -99 ⁵	.070	1.27
		99 ⁵ -103 ⁵	.010	0
5	103 ⁵ -112 ⁸	103 ⁵ -108 ⁰	.054	.05
		108 ⁰ -112 ⁸	.036	0
6	112 ⁸ -121 ⁷	112 ⁸ -117 ³		

split

MISSING ASSAY #075760

logged to 121⁷

T.D 201' on X/sect

- no assays below 112' on X/sect

71.3 - 111.7

40.4 e .048 Au, 2.57 Ag

MCD - 6

LOGGED

1	60° - 74'	} 59-101.5 (60-102.6)
2	74' - 84 ⁶	
3	84 ⁶ - 93 ⁵	
4	93 ⁵ - 102 ⁶	
5	102 ⁶ - 108 ⁹	

60-66 ⁵	⊖ Au	⊖ Ag
-75.3	tr	⊖
-797	tr	⊖
-84 ⁶	1 ⁹ .030	⊖
-88 ⁶	⊖	⊖
-93 ⁵	⊖	⊖
-98 ⁵	⊖	⊖
-102 ⁶	⊖	⊖

logged to 108⁹

MCD - 7

1	35°-43°	36.3-69.8
2	43°-51°	
3	51°-60°	
4	60°-69°	
5	69°-79°	92-151
6	79°-88°	
7	88°-97°	
8	97°-106°	
9	106°-115°	92-151
10	115°-124°	
11	124°-134°	
12	134°-143°	
13	142°-151°	

0-36°

NA

36° - 42°	.028 Au	→ A ₃
43 - 47	.018	→
47 - 51	.010	→
51 - 56	tr	→
56 - 60	tr	→
60 - 64	tr	→
64 - 69	tr	→

69°-74°
74°-79°
79°-88°
88°-97°
97°-106°
106°-115°
115°-124°
124°-134°
134°-143°
142°-151°

NA

	Au	A ₃
97°-103°	→	.18
103°-106°	→	→
106°-111°	→	→
111°-115°	→	→
115°-120°	→	→
120°-128°	→	.01
128°-135°	→	.01
135°-142°	→	.09
142°-150°	→	.16
	→	.10
	→	.01
	→	.16
	→	→
	→	.04
	→	.06
	→	→

E = H

logged to 151

MCD-8

LOGGED

- 1 35°-42°
- 2 42°-51°
- 3 51°-63°
- 4 63°-72°
- 5 72°-82°
- 6 82°-91°
- 7 91°-101°
- 8 101°-112°
- 9 112°-123°
- 10 123°-132°
- 11 132°-139°

72°-79°
80°-82°
82°-86°
86°-89°

Au ppm	Ag ppm
.005	2
.007	3
.001	2
.007	1

logged to 139° in Creek

FROM SECTION

0-73	NA
73-79	ND
79-81	NA
81-87	OH
87-91	TR

(S.B.)



NA

MCD-9

Note: section shows
17.5' @ 037 Au 039 Ag

			Au ppt	Ag ppm
1	25°-36 ²	25-26 ¹	001	1
		-31 ²	008	<1
		347 ³	025	<1
		-38 ³	<001	<1
2	36 ² -50 ²	-41 ²	003	2
		-50 ²	<001	<1
		-56 ²	<001	1
3	50 ² -60 ⁵	-60 ⁵	<001	<1
		-65 ³	001	<1

28	278 ² -285 ⁸
29	285 ⁸ -293 ³
30	293 ² -300 ⁹
31	300 ⁹ -307 ⁷
32	303 ⁷ -

logged to 309⁴

sections off re split intervals

4	60 ⁵ -69 ⁸
5	69 ⁸ -78 ⁹
6	78 ⁹ -88 ¹
7	88 ¹ -96 ⁸
8	96 ⁸ -105 ⁷

9	105 ⁷ -115 ⁴
---	------------------------------------

10	115 ⁴ -124 ⁴
----	------------------------------------

11	124 ⁴ -134 ³
----	------------------------------------

12	134 ³ -143 ³
----	------------------------------------

13	143 ³ -153 ²
----	------------------------------------

14	153 ² -162 ⁵
----	------------------------------------

15	162 ⁵ -171 ⁶
----	------------------------------------

16	171 ⁶ -181 ¹
----	------------------------------------

17	181 ¹ -190 ⁵
----	------------------------------------

18	190 ⁵ -
----	--------------------

19	199 ⁹ -209 ¹
----	------------------------------------

20	209 ¹ -219 ⁰
----	------------------------------------

21	219 ⁰ -228 ¹
----	------------------------------------

22	228 ¹ -237 ⁴
----	------------------------------------

23	237 ⁴ -246 ⁸
----	------------------------------------

24	246 ⁸ -256 ²
----	------------------------------------

25	256 ² -264
----	-----------------------

26	264-271 ³
----	----------------------

27	271 ³ -278 ²
----	------------------------------------

logged
to 309⁴

MCD - 10

1	10 - 21 ²		28	259° - 268°
2	21 ² - 26°		29	268° - 277°
3	26° - 34 ²	split 27° - 46° < <	30	277° - 287°
4	34 ² - 46°	split 46° - 62° < <	31	287° - 295°
5	46° - 57°	split (FUBAR) 57° - 61° < .14	32	295° - 305°
6	57° - 66°	split 61° - 65° < <	33	305° - 314°
7	66° - 75°	split 65° - 75° < <	34	314° - 323°
8	75° - 84°	split 75° - 80° < .11	35	323° - 333°
9	84° - 94°	split 80° - 84° < .11	36	333° - 342°
10	94° - 103°	split 84° - 94° < +r	37	342° - 352°
11	103° - 112°	94° - 98° < +r	38	352° - 357° EOH
12	112° - 121°	98° - 101° Tr Tr		
13	121° - 130°			
14	130° - 139°			
15	139° - 148°			
16	148° - 158°			
17	158° - 167°			
18	167° - 176°	split 175° - 176° < .11		
19	176° - 185°	177° - 179° < .11		
20	185° - 194°	183° - 185° < <		
21	194° - 204°	185° - 186° < <		
22	204° - 212°	195° - 201° NO .1		
23	212° - 222°	split 197° - 202° < .11		
24	222° - 231°			
25	231° - 240°			
26	240° - 249°			
27	249° - 259°			

Good log to 357°

MCD -11

1 111° - 142° split

logged

111-112

< <

112-127

< <

127-142

< <

cuttings: Au

Ag

0-90

+

+

80-85

+

+

85-90

+

+

90-95

+

+

95-110

+

+

ppm

ppm

100-105

<.1

1

105-111

<.1

1

TO: **HUNTER MINING LABORATORY, INC.**

994 GLENDALE AVENUE • SPARKS, NEVADA 89431 • TELEPHONE: (702) 358-6227

LABORATORY ORDER

SAMPLES FROM:

CUSTOMER CODE:

<i>La Prairie Mining</i>		Laboratory Number: 488035429
		Date Received:
		Customer Order No.:
Attention:		Date Shipped: Via:
Telephone:		

SAMPLE MARK	FORM	ANALYZE FOR	SAMPLE MARK	FORM	ANALYZE FOR
MCD-12	Core	Au Ag			
152 ⁷ -157 ²	↓	↓			
157 ² -161 ⁷					
161 ⁷ -165 ⁷					
165 ⁷ -166 ⁵					
166 ⁵ -172 ⁵					

REMARKS:

NO. OF SAMPLES:

☐ TRACE

PULPS: ☐ Discard, ☒ Return.

5

☒ FIRE ASSAY

REJECTS: ☐ Discard, ☒ Return.

PULPS held for 90 days. REJECTS held on request for 30 days. After 30 days storage charges of \$1.00/cwt/month will be billed. Minimum charge for storage will be \$5.00/month.

SUBMITTED BY:

Date:

MCD - 12

LOGGED

A			Au ppm	Ag ppm		B			
1	60-78 ³	76-82	<.1	1		9	337 ⁹ -446 ⁵		
2	78 ⁸ -98 ⁸	82-86	"	<.1		10	346 ⁵ -355 ⁴		
3	98 ⁸ -109 ⁹	86-91	"	"	Not SPLIT	11	355 ⁴ -363 ⁸		
4	109 ⁹ -125 ³	91-96	"	"	-Not MCD-12	12	363 ⁹ -372 ⁹		
5	125 ³ -135 ⁴	96-101	"	"		13	372 ⁹ -380 ⁴		
6		101-106	"	"		14	380 ⁴ -389 ⁰		
7	142 ⁸ -152 ⁷	106-111	"	"		15	389 ⁰ -390 ⁵ EOH		
8	152 ⁷ -161 ⁷	111-116							
9	161 ⁷ -171 ⁵	116-121							
10	171 ⁵ -184 ²	121-126							
11	184 ² -193 ²	126-131							
12	193 ² -201 ⁴	131-133 ⁴							
13	201 ⁴ -212 ⁷								
14	212 ² -221 ⁴								
15	221 ⁴ -230 ⁴								
16	230 ⁴ -240 ³								
17	240 ³ -249 ²								
18	249 ² -265 ¹								
19	-265 ¹								
B	1	265 ¹ -274 ⁶							
	2	274 ⁶ -283 ⁸							
	3	283 ⁸ -292 ⁷							
	4	292 ⁷ -302 ¹							
	5	302 ¹ -310 ⁷							
	6	310 ⁷ -319 ⁴							
	7	319 ⁴ -328 ⁵							
	8	325 ⁸ -337 ⁹							

Au ppm	Ag ppm
176 ⁸ -184 ¹	.1 2
187 ⁹ -192 ⁶	.1 2

logged to 390⁵
ptly readable

Au ppm	Ag ppm
-----------	-----------

Au opt	Ag opt
-----------	-----------

235 ⁴ -236 ⁸	.001 .05	20-25	<.1	<.1
242 ³ -243 ⁸	< <	30-35	"	"
		35-40	"	"
		40-45	"	"
		45-50	"	"
		50-55	"	"

EOH

TO:

994 GLENDALE AVENUE • SPARKS, NEVADA 89431 • TELEPHONE: (702) 358-6227

LABORATORY ORDER

SAMPLES FROM:

CUSTOMER CODE: Monte Christo

Laboratory Number: 35421

Date Received:

Customer
Order No.:

Date Shipped:

Via:

Attention:

Telephone: 826 2838

SAMPLE MARK	FORM	ANALYZE FOR	SAMPLE MARK	FORM	ANALYZE FOR
WCD 13	CO12	AN AG			
234-235 ⁹					
235 ⁹ -242 ⁶					
242 ⁶ -244 ⁶					
244 ⁶ -247					
247-251 ³					
251 ³ -259					
265 ⁹ -277 ⁵					
277 ⁵ -282					
282-287					
287-292 ⁸					
292 ⁸ -298 ⁸					
354 ⁵ -355 ⁵					
360-363					
374-375 ⁷					

REMARKS:

NO. OF SAMPLES:

☐ TRACE

PULPS: ☐ Discard, ☒ Return.

REJECTS: ☐ Discard, ☒ Return.

PULPS held for 90 days. REJECTS held on request for 30 days. After 30 days storage charges of \$1.00/cwt/month will be billed. Minimum charge for storage will be \$5.00/month.

SUBMITTED BY:

Date: _____

White copy: For your records. Yellow copy: Send to lab. Blue and Pink copy: Enclose with samples.

MCD -13

✓ LOGGED

- 1 133⁻ - 142¹
- 2 142¹ - 151⁶
- 3 151⁶ - 167⁻
- 4 167⁻ - 175⁶
- 5 175⁶ - 187⁻
- 6 187⁻ - 197¹
- 7 197¹ - 204⁶
- 8 204⁶ - 214⁹
- 9 214⁹ - 224¹
- 10 224¹ - 233³
- 11 233³ - 242⁶ split
- 12 242⁶ - 251³ split
- 13 251³ - 263⁸
- 14 263⁸ - 277⁵
- 15 277⁵ - 287⁻
- 16 287⁻ - 298⁸
- 17 298⁸ - 307⁸
- 18 307⁸ - 317⁷
- 19 317⁷ - 325⁹
- 20 325⁹ - 335⁵
- 21 335⁵ - 344⁵
- 22 344⁵ - 354¹
- 23 354¹ - 363⁶
- 24 363⁶ - 372⁰
- 25 372⁰ - 382⁹
- 26 382⁹ - 392³
- 27 392³ - 401³

28 401³ - 411²29 411² - 421⁻30 421⁻ - 430⁵ split 421-427⁷ <31 430⁵ - 443² split32 443² - 450⁴ split33 450⁴ - 458¹ split34 458¹ - 466⁹ split 466⁰ - 466⁹ <Good log to 474³

MCD -14

~~LOGGED~~

1 25°-34°

2 34°-46°

3 46°-54°

4 54°-63°

5 63°-71°

6 71°-81° SPLIT

7 81°-90°

8 90°-99° split

9 99°-107° split

10 107°-117°

11 117°-118° EOH

73-80°

80°-86°

86°-90°

90°-97°

97°-101°

101°-107°

Au
opt

.037

.025

.014

.008

.01

ND

Ag
opt

2.18

1.02

.35

.04

.07

TR

MCD -15

1 25°-55°

2 55°-79° split
TD 55°-79° $\frac{Au}{opt}$ $\frac{Ag}{opt}$
.001 .20

good log

logged to 118° - good
TD

MCD-16

1 25°-34°

2 34°-44°

3 44°-54°

4 54°-65°

5 65°-76°

6 76°-86°

7 86°-93° split

8 93°-102° split

9 102°-110° split

10 110°-120° split

11 120°-129° split

12 129°-132° split E. O. H.

Logged

82°-93°

.014 .73

93°-99°

.031 .86

99°-102°

TR ND

102°-107°

.03 .61

107°-113°

.036 1.80

113°-118°

.018 .82

118°-123°

ND TR

123°-128°

ND TR

128°-132°

ND TR

logged to 132° - readable, not detailed

MCD -17

LOGGED

1 24° - 34°

2 34° - 44°

3 44° - 54°

4 54° - 71°

5 71° - 86° split

6 86° - 92° split

7 92° - 105° split

8 105° - 114° split

9 114° - 122° split

10 122° - 133° split

LEGEND

CARBONATE

742-798	.084	7.27	.072	7.4
798-86	.075	1.17	.033	2.02
86-87.2	.010	.56	T	.49
87.2-913	.009	.48	ND	ND
92° - 101°	.017	1.03		
101° - 105°	.005	.34		
105° - 109°	.008	.30		
109° - 114°	.034	.12		
114° - 118°	.002	.09		
118° - 122°	.008	.21		
122° - 125°	.002	.09		

logged to 133°
TD

v. little detail

MCD 18 B

logged

			Av opt	As opt
		20 ^s -25	tr	.12
1	20 ^s -27 ³	26-31 ⁴	010	.28
2	27 ³ -41 ⁸	31 ⁴ -36 ⁴	072	1.31
		36 ⁴ -41 ⁸	014	.31
3	41 ⁸ -52 ^s	41 ⁸ -46 ⁸	035	.86
		46 ⁸ -51 ⁸	036	1.96
4	52 ^s -70 ⁷	51 ⁸ -56 ⁸	072	2.23
		56 ⁸ -65 ⁰	041	1.41
5	70 ⁷ -81 ²	65 ⁰ -70 ⁷	032	.92
		70 ⁷ -75 ⁸	012	.05
6	81 ² -94 ²	75 ⁸ -80	021	0
		80-85 ⁰	.006	0
7	94 ² -103 ⁷	85 ⁰ -91 ⁷	0	0
		91 ⁷ -95 ²	.007	0
8	103 ⁷ -111 ²	95 ² -100	009	0
		100-104	009	0
9	111 ² -119 ¹	104-109	0	0
		109-114	0	0
		114-119.1	0	0
		E O H		

legible log - v. little detail

MCD - 19

1	17° - 31°	28	364 ⁵ - 381 ³	
2	31° - 55 ⁵	29	381 ³ - 396 ³	
3	103° - 111 ⁴	30	396 ³ - 405 ²	
4	111 ⁴ - 119 ⁸	31	405 ² - 413 ⁸	
5	119 ⁸ - 128 ⁵	32	413 ⁸ - 423 ²	
6	128 ⁶ - 137 ⁵	33	423 ² - 434 ⁹	
7	137 ⁵ - 145 ⁷	34	434 ⁹ - 445 ⁴	
8	145 ⁷ - 154 ⁸	35	445 ⁴ - 456 ⁸	
9	154 ⁸ - 163 ³	36	456 ⁸ - 466 ⁰	
10	163 ³ - 171 ⁶	37	466 ⁷ - 474 ⁵	
11	171 ⁶ - 181 ⁷	38	474 ⁵ - 483 ⁶	
12	181 ⁷ - 189 ¹	39	483 ⁶ - 493 ⁹	
13	189 ¹ - 198 ³	40	493 ⁰ - 502 ¹	
14	198 ³ - 207 ³	41	502 ¹ - 511 ¹	
15	207 ³ - 216 ⁴	42	511 ¹ - 520 ⁵	
16	216 ⁴ - 225 ³	43	520 ⁵ - 528 ²	
16 A	225 ³ - 243 ⁸	44	528 ² - 538 ⁴	SPLIT
17	243 ⁸ - 253 ⁷	45	538 ⁴ - 549 ²	SPLIT
18	253 ⁷ - 262 ⁴	46	549 ² - 558 ⁹	SPLIT
19	262 ⁴ - 270 ³	47	558 ⁷ - 568 ²	SPLIT
20	270 ³ - 280 ⁹	48	568 ² - 584 ⁴	SPLIT
21	280 ⁹ - 289 ⁵	49	584 ⁴ - 594 ⁰	SPLIT
22	289 ⁵ - 299 ¹	50	594 ⁰ - 603 ²	
23	299 ¹ - 311 ⁰	51	603 ² - 612 ⁶	
24	311 ⁰ - 320 ³	52	612 ⁶ - 622 ⁴	
25	320 ³ - 329 ⁰	53	622 ⁴ - 630 ⁷	
26	329 ⁰ - 351 ²	54	630 ⁷ - 640 ⁰	
27	351 ² - 364 ⁵			

MCD - 19

55 640 - 648

56 648 - 658⁴

57 658⁴ - 668⁰

58 668⁰ - 677²

59 677² - 687⁹

60 687⁹ - 698⁷

61 698⁷ - 707⁷

62 707⁷ - 716⁹

63 716⁹ - 726⁵

64 726⁵ - 735⁵

65 735⁵ - 744²

E OH

legible log - little detail

MCD - 20

			$\frac{A_4}{\text{opt}}$	$\frac{A_3}{\text{opt}}$
1	50°-67°	split	65-69° .003	.09
2	67°-75°	split	69°-76° < .001	.08
3	75°-84°	split		
4	84°-92°	split	87°-92° .008	.13
5	92°-101°	split	94°-95° <	<
6	101°-110°	split		
7	110.1-117.2	split	109-112 112-115	ND ND
8	117°-127°			
9	127°-136°			
10	136°-145°			
11	145°-154°			
12	154°-163°			
13	163°-171°			
14	171°-179°	split	175°-176° .015	.32
15	179°-188°	split	176-178 tr	.32
16	188°-197°	split	182-187 tr	ND
17	197°-205°	split	187-193 tr	ND
18	205°-215°			
19	215°-222°			

E.O.H.

legible log - little detail

MCD - 21

1	116 ⁶ - 125 ⁶		29	357 ⁷ - 366 ⁹	
2	125 ⁶ - 142 ⁴		30	366 ⁹ - 378 ⁸	split
3	142 ⁴ - 147 ³		31	378 ⁸ - 387 ⁰	split
4	147 ³ - 157 ⁰		32	387 ⁰ - 396 ⁷	
5	157 ⁰ - 163 ⁴		33	396 ⁷ - 406 ⁷	
6	163 ⁴ - 172 ⁵		34	406 ⁷ - 415 ⁷	
7	172 ⁵ - 181 ⁰		35	415 ⁷ - 425 ⁰	
8	181 ⁰ - 188 ⁶		36	425 ⁰ - 435 ⁰	
9	188 ⁶ - 198 ⁰	split	37	435 ⁰ - 444 ⁵	
10	198 ⁰ - 206 ⁸	split 198 ⁰ - 199 ⁰	38	444 ⁵ - 454 ⁶	
11	206 ⁸ - 213 ¹		39	454 ⁶ - 463 ²	split
12	213 ¹ - 219 ⁹	split	40	463 ² - 473 ⁰	split
13	219 ⁹ - 227 ⁴	split	41	473 ⁰ - 483 ⁵	
14	227 ⁴ - 233 ⁰	split (FUBAR)	42	483 ⁵ - 493 ⁷	
15	233 ⁰ - 240 ⁷	split	43	493 ⁷ - 503 ⁰	
16	240 ⁷ - 247 ⁵	split	44	503 ⁰ - 514 ⁷	
17	247 ⁵ - 255 ⁰	split	45	514 ⁷ - 523 ⁷	
18	255 ⁰ - 264 ⁹	split	46	523 ⁷ - 533 ³	
19	264 ⁹ - 273 ³	split	47	533 ³ - 542 ⁹	
20	273 ³ - 281 ⁹	split	48	542 ⁹ - 551 ⁹	split
21	281 ⁹ - 291 ³	split	49	551 ⁹ - 554 ⁰	EOH
22	291 ³ - 300 ⁵				
23	300 ⁵ - 309 ⁵	split			
24	309 ⁵ - 319 ⁰	split			
25	319 ⁰ - 327 ⁴	split			
26	327 ⁴ - 341 ¹	split			
27	341 ¹ - 349 ⁹	split			
28	349 ⁹ - 357 ⁷				

illegible log

Sample A 010010

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 45'

Type HQ Core

Description MCD-12 157.2' - 161.7'

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

5-24-80

Sample A 057644

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 0.7', 2.2' actual

Type HQ Core

Description MCD-5 76.4 - 77.1

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 7-16-80

Sample **A 075609**

LOCATION Monte Cueto

SKETCH

Co-ordinate:

Length of Sample R-45 C-48

Type UG Core

Description MCD-12 152.7-157.2

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 5-20-80

Sample **A 057643**

SKETCH

LOCATION Monte Cueto

Co-ordinate:

Length of Sample 4.0'


Type HQ Core

Description MCD-5 724'-764'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 7-16-80

Sample A 075608

LOCATION White Creek

SKETCH

Co-ordinate:

Length of Sample 3.0

Type HQ Core

Description MCD-9 258'-261'

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☐ Au ☒ Ag ☒

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 5-28-80

Sample A 057642 /

LOCATION White Creek

SKETCH

Co-ordinate:

Length of Sample 2.4'

Type HQ Core

Description MCD-5 70'-72.4'

Anal. by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 7-16-80

Sample **A** 075607

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-26 C-2.9

Type HQ Core

Description MCD-9 236-238.8

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Ag
			✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT., RENO, NEV., SPOKANE, WASH., TUCSON, ARIZ.

②1

5-20-80

LOCATION Monte Cristo

Sample **A** 057641

SKETCH

✓

Depth:

at Sample 15'

HQ Core

Location MCD-5 68.5'-70.0'

Date 5-20-80

LOCATION Monte Cristo

Co-ordinate:

Sample A 057640

SKETCH

Length of Sample 5.2'

Type Hg ore

Description MC0-2 248-253.2

Obtained by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
BOYALE, UT., RENO, NEV., SPOKANE, WASH., TUCSON, ARIZ.

SPOKANE, WASH., TUCSON, ARIZ.

© I

Date 7-16-80

Sample **A** 075606

LOCATION Monte Vista

SKETCH

Co-ordinate:

Length of Sample 0.3'

Type HQ Core

Description MCD-9 211.7'-212'

Token by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

Date 5-2-80

Sample **A** 057639

LOCATION Monte Vista

SKETCH

Co-ordinate:

Length of Sample 3.2'

Type HQ Core

Description MCD-4 161.3'-164.5'

Token by:

Date 7-14-80

Sample **A** 075605

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 36 C-45

Type Hg Circ

Description MCD-4 185-168.6

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT. · RENO, NEV. · SPOKANE, WASH. · TUCSON, ARIZ.

②1

File 5-2-80

LOCATION Monte Cristo

Sample **A** 057638

SKETCH

Co-ordinate:

Length of Sample 28

Type Hg Circ

Description MCD-4 156.5 - 161.3

Assayed by:

ASSAYED FOR

Date 6-21-80

Sample A 075604

LOCATION Merve Crists

SKETCH

Co-ordinate:

Length of Sample R-7.3 C-7.0

Type

Description MCB-4 127-134.3

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

S-2-80

ATION Merve Crists

Sample A 057637

SKETCH

rdinate:

n of Sample 6.3'

Q 6.3'

gation

6.3' MCB-4

3.0' 152.2'-158.5'

by:

AYED FOR

Date 6-21-50

Sample **A** 075603

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 8-4.5 C-5.1

Type 4-5-50

Description MCD-9 122.5-127'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

5-2-80

LOCATION Monte Cristo

Sample **A** 057636

SKETCH

Coordinate:

Length of Sample 4.7'

HQ Core

Description MCD-4 147.5-152.2'

by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Date 6-21-80

Sample A 075602

LOCATION Moose Creek

SKETCH

Co-ordinate:

Length of Sample R-1.3 C-1.9

Type HQ Core

Description MCD-9 115.5-114.8

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Ag	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOOSE CREEK, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②

5-2-80

Sample A 057635

LOCATION Moose Creek

SKETCH

Co-ordinate:

Length of Sample 4.1'

Type HQ Core

Description MCD-4 143.4-147.5

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Ag	Ag
			✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOOSE CREEK, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②

Date 5-2-80

Sample **A** 057634.

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 3.8'

Type HQ Core

Description WCD-4 139.6' - 143.4'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

U.S. GEOLOGICAL SURVEY
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

SKETCH

②1

Date 6-21-80

LOCATION Monte Cristo

Sample **A 075601**

Co-ordinate:

Length of Sample R-5.7 C-6.0

Type HC C-6.0

Description MCD-9 105.7-111.4

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

S-2-80

ON Monte Cristo

Sample **A 057633**

Notes:

of Sample 3.41

HQ Conc

Ion MCD-4 136.2-139.6

Y:

YED FOR

Mo	Pb	Zn	Au	Ag
			✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

5-2-80

NON Mont. Cristo

Sample A 075600

SKETCH

Notes

of Sample 3.2'

HQ Core

Section MCD-4 135.0'-136.2'

by:

SAVED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

VALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-21-80

NON Mont. Cristo

Sample A 057700

SKETCH

Notes

of Sample R-5.2' C-6.3

HQ Core

Section MCD-1 92.8-98.0

by:

SAVED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

VALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

5-2-80

LOCATION *Made Crater*

Sample A 0755599

SKETCH

Coordinate:

Length of Sample 5.3'

Type HQ Core

Description MCD-4 127.7 - 133.0'

Taken by:

ASSAYED FOR

Ce Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MAYFIELD, UT.; RENO, NEV.; SPOKANE, WASH.; TUCSON, ARIZ.

② I

5-21-80

LOCATION *Made Crater*

Sample A 057699

SKETCH

Coordinate:

Sample R-41.8 C-4.2

Type HQ Core

Description MCD-9 88.0 - 92.8

Taken by:

ASSAYED FOR

Ce Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MAYFIELD, UT.; RENO, NEV.; SPOKANE, WASH.; TUCSON, ARIZ.

② I

Date 5-2-80

LOCATION Monte Cristo

Sample A 075598

SKETCH

Co-ordinate:

Length of Sample 2.7'

Type Hg Calc

Description MC0-4 125.0' - 127.7'

Obtained by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

ANDVALL, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

6-21-80

Sample A 057698

LOCATION Monte Cristo

SKETCH

Obtained by:

Sample R-3.0 C-3.8

Type Hg Calc

Description MC0-7 85.0' - 88.0'

Obtained by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ANDVALL, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

Site 5-2-80

Sample **A 075597** ✓

LOCATION Monte Cristo

SKETCH

Depth of Sample 7.5'

Core HQ Core

Description MCD-4 117.5'-125.0'

R. 7.5'

high clay content

C. 6.5'

dark grey

Assayed by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

6-21-80

Sample **A 057697**

LOCATION

Monte Cristo

SKETCH

Depth of Sample

R-4.0' C-3.7

HQ CORE

Description MCD-4 810'-85.0'

Assayed by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

5-1-80

LOCATION Monte Cristo

Sample A 075596

SKETCH

Coordinate:

Depth of Sample 4.7'

HA Core

Description MCD-2 217.1'-222.4'

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

6-21-80

LOCATION Monte Cristo

Sample A 057696

SKETCH

Coordinate:

Depth of Sample 8-4.5 1-5.2

HA Core

Description MCD-9 65.3'-69.8'

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

6-1-80

CATON Monte Cristo

Ordinates

Length of Sample 3.5'

Core Cat 214.2' - 217.1'

Description MCD-2

Obtained by:

ASSAYED FOR

Cu Zn Pb Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MORRIS, UT., RENO, NEV., SPOKANE, WASH., TUCSON, ARIZ.

Sample A 0755595

SKETCH

6-21-80

MON Monte Cristo

Ordinates

Length of Sample R-4.8 C-4.6

Core MCD-9 60.5' - 65.3'

Description

Obtained by:

ASSAYED FOR

Cu Zn Pb Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MORRIS, UT., RENO, NEV., SPOKANE, WASH., TUCSON, ARIZ.

Sample A 057695

SKETCH

No. 5-1-80

LOCATION Monte Cristo

Sample A 0755594

SKETCH

Ordinate:

Length of Sample 3.9

to HQ Core

Description MCD-2 210.3'-214.2'

Assayed by:

ASSAYED FOR

Mo. Pb. Zn. Au. Ag.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

6-21-80

LOCATION Monte Cristo

Sample A 057694

SKETCH

Ordinate:

Length of Sample R-9.0 C-4.7

to HQ Core

Description MCD-9 56.5'-60.5'

Assayed by:

ASSAYED FOR

Mo. Pb. Zn. Au. Ag.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

Date 5-1-80

Sample A 075593 ✓

SKETCH

LOCATION Mont Cristo

Co-ordinate:

Length of Sample 50'

Type HQ Core

Description MCD-2 205.3'-210.3'

Run - 10'

Core - 5'

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-21-80

Sample A 057693 ✓

SKETCH

LOCATION Mont Cristo

Co-ordinate:

Length of Sample R-6.3 C-5.3

Type HQ Core

Description MCD-9 50.2'-56.5'

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

5-1-80

CATION Monte Cristo

Sample A 075592

SKETCH

ordinate:

gth of Sample ~~2.4~~ 2.4

pe. HQ Core

scription: MCD-2 202.4'-205.3'

than by:

ASSAYED FOR

Cu: Mo: Pb: Zn: Au: Ag: ☒ ☒

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

6-20-80

ATION Monte Cristo

Sample A 057692

SKETCH

diholes:

of Sample R-7.7 C-4.4

HQ Core

iplon MCD-9 42.5'-50.2'

by:

ASSAYED FOR

Mo: Pb: Zn: Au: Ag: ☒ ☒

ROCKY MOUNTAIN GEOCHEMICAL CORP.
UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

Date 5-1-80

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 5.7

Type HQ Core

Description MCD-2 197.2' - 202.9'

Obtained by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

BOCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Sample A 0755591

SKETCH

6-20-80

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-4.2, C-3.3

Type HQ Core

Description MCD-9 38.3' - 42.6'

Obtained by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

BOCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Sample A 057691

SKETCH

STANDARD HEAVY ANALYSIS NEW OILIER-TU 2114

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOJAVE-UT, RENO, NEV, SPOKANE, WASH, TUCSON, ARIZ.

© I

Length of Sample 7.4'
Type NA Core
Description MCD-3 206.3'-213.7'
Run 7.4'
Core 3.9'
Poor recovery

Obtained by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

6-20-80

ATON Monte Vista

Sample A 057690

SKETCH

drill hole

of Sample R-3.6', C-2.9'

HA (H)

Location MCD-9 34.7-38.3

by:

SAVED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
VALE, UT, RENO, NEV, SPOKANE, WASH, TUCSON, ARIZ.

© I

4-30-80

CATION Mnt. Crest

Sample A 075589

SKETCH

Coordinate:

Depth of Sample 3.8'

Type NQ Core

Description MCD-3 202.5'-206.3'

3.8' run

57M core

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOYALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

6-20-80

CATION Mnt. Crest

Sample A 057689

SKETCH

Coordinate:

Depth of Sample 13.4'

Type HQ Core

Description MCD-4 31.3'-34.7'

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOYALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

4-20-80

Sample A 075588

✓

CATION Monte Cueto

SKETCH

ordinate:

Height of Sample 3.4' 4.9'

Sample N/A Core MCD-3 197.6' 202.5'

Run 4.9'

Sample Core 3.9'

Assayed by:

ASSAYED FOR

Cu. Mg. Pb. Zn. Au. Ag.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOJAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-20-80

Sample A 057688

✓

CATION Monte Cueto

SKETCH

ordinate:

Height of Sample 8-5.3' C-4.3'

Sample H/A Core

Height of Sample MCD-9 26.0' 31.3'

Assayed by:

ASSAYED FOR

Cu. Mg. Pb. Zn. Au. Ag.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOJAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-30-80

Sample **A 075587**

✓

CATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 5.9'

Depth NA Core

Description MD-3 191.7 - 197.6'

Given by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓



ROCKY MOUNTAIN GEOCHEMICAL CORP.

ARIDALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

Date 6-20-80

Sample **A 057687**

✓

CATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 1.0'

Depth HQ Core

Description MD-9 25 - 26'

Given by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓



ROCKY MOUNTAIN GEOCHEMICAL CORP.

ARIDALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

Date 4-30-80

LOCATION Monte Cristo

Sample A 075586

SKETCH

Co-ordinate:

Length of Sample 5.9'

Type NO Core

Description MCD-3 185.8-191.7'

taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-19-80

CANON Monte Cristo

Sample A 057686

SKETCH

Coordinate:

Length of Sample 8.2.7, 6-3.1

Type HQ Core

Description MCD-8 86.3-89.0

Assayed by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-29-80

LOCATION *Mt. Cristo*

Sample A 075585

SKETCH

Coordinate:

Length of Sample 1.8'

Type *NQ Core*

Description *MCD-3 184'-185.8'*

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

6-19-80

LOCATION *Mt. Cristo*

Sample A 057685

SKETCH

Coordinate:

Length of Sample *R-3.5' C-3.6'*

Type *HR Core*

Description *MCD-8 82.8'-86.3'*

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

429-80

CATION Monte Cristo

Sample A 075584

SKETCH

ordinate:
Height of Sample 2.0'
pe NO Core
Description MCD-3 182.0'-184.0'

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-19-80

CATION Monte Cristo

Sample A 057684

SKETCH

Height of Sample 2.3'

HA Core

Sample MCD-8

80.5-82.8

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

SKETCH

LOCATION *White Creek*

Co-ordinates:

Length of Sample *41.0'*

Type *NG Core*

Description *MCD-3*

178' - 182'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Adopted

H2132

David's Baldy

6-19-80

LOCATION *White Creek*

Co-ordinates:

Length of Sample *R-6.3 C-6.1*

Type *HQ Core*

Description *MCD-8 72.7 - 79.0*

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Sample **A 057683**

SKETCH

✓

4-24-80

Sample A 075582

SKETCH

LOCATION *White Clasts*

ordinate:

Depth of Sample *3.0'*

Mo. Core

Description: *MCD-3 175.0' - 178.0'*

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

20 August

6-10-80

Sample A 057682

SKETCH

LOCATION *White Clasts*

ordinate:

Depth of Sample *R-7.5' C-7.6'*

Mo. Core

Description: *MCD-7 142.3-150.0*

143.4-150.9

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-26-80

LOCATION Monte Cristo

Sample **A 075581**

SKETCH

Co-ordinate:

Length of Sample 8.0'

Type NA Core

Description MCD-3 252'-260'

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

6-18-80

Sample **A 057681**

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 7.6'

Type HO Core

Description MCD-7 135.3 - 143.4'

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☐ Ag ☐

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

4-24-80

LOCATION Monte Cristo

Sample A 075580

SKETCH

Coordinate:

Height of Sample 5.0'

Core NA Core

Description MCD-3 247.0-252.0'

Obtained by:

ASSAYED FOR

Mo Pb Zn Au Ag

BOCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-18-80

LOCATION Monte Cristo

Sample A 057680

SKETCH

Coordinate:

Height of Sample R-7.3 C-6.9

Core HQ Core

Description MCD-7 128.0-135.1

Obtained by:

ASSAYED FOR

Mo Pb Zn Au Ag

BOCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-26-80

Sample A 075579

LOCATION Monte Cristo

SKETCH

Elevation:

Length of Sample 5.2'

Type NG Core

Description MCD-3 241.8'-247.0'

Obtained by:

ASSAYED FOR

Cu	Pb	Zn	Au	Ag
			✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 6-18-80

Sample A 057679

LOCATION Monte Cristo

SKETCH

Elevation:

Length of Sample R-8.0 C-7.3

Type H.A. Core

Description MCD-7 120'-128'

Obtained by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag
			✓	

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 4-21-80

LOCATION Monte Cristo

Sample A 075578

SKETCH

Co-ordinate:

Length of Sample 3.9'

Type NA Core

Description MCD-3 237.4' - 241.8'

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-18-80

CANYON Monte Cristo

Sample A 057678

SKETCH

Co-ordinate:

Length of Sample R-4.7, C-6.0

Type HQ Core

Description MCD-7 115.3 - 120.0

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-21-80

LOCATION Monte Cristo

Sample **A 075577**
SKETCH

Latitude

Length of Sample 6.0'

Type NO. Core

Description MCD-3

231.4 - 237.4

Taken by:

ASSAYED FOR

Cu	Mn	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-18-80

LOCATION Monte Cristo

Sample **A 057677**
SKETCH

Latitude

Length of Sample

Type HQ core

Description MCD-7 112-115.3'

Taken by:

ASSAYED FOR

Cu	Mn	Pb	Zn	Au	Ag
				✓	✓

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Sample 4-21-80

Sample A 075576

LOCATION: Monte Cristo

SKETCH

g-ordinates:

Length of Sample 34'

Type: NQ Core

Description: MCD-3

228.5' - 231.9'

Assayed by:

ASSAYED FOR:

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-18-80

Sample A 057676

LOCATION: Monte Cristo

SKETCH

g-ordinates:

Length of Sample R-4.5 C-5.1

Type: HQ Core

Description: MCD-7 106.7 - 111.2'

Assayed by:

ASSAYED FOR:

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-21-80

Sample **A 0755575**

SKETCH

LOCATION Mt. Crest

Co-ordinate:

Length of Sample 6.3'

Type Na Core

Description MCD-3 222.2' - 228.5'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

A 014900

6-17-80

Sample **A 057675**

SKETCH

LOCATION Mt. Crest

Co-ordinate:

Length of Sample 13.5'

Type Na Core

Description MCD-7 103.2 - 106.7

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

Date 4-21-80

Sample **A** 075574

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 42'

Depth NA Core

Description MCD-3 218 - 222.2'

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②

Date 6-17-80

Sample **A** 057674

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 6.2'

Depth HQ Core

Description MCD-7 97-103.2

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②

Date 4-21-80

Sample **A 075573**

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 4.3'

Type NG Core

Description WCD-3 213.7'-216'

Taken by:

ASSAYED FOR

Cu ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

6-17-80

Sample **A 057673**

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 4.0'

Type HQ Core

Description WCD-7 93.0'-97.0'

Given by:

ASSAYED FOR

Cu ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② f

Date 4-12-80

Sample A 075572

LOCATION Mont Cristo

SKETCH

Co-ordinate:

Length of Sample 1.2'

Type HQ Core

Description MCD-1 304.3 - 305.5'

Vein matter

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

© I

6-17-80

Sample A 057672

LOCATION Mont Cristo

SKETCH

Co-ordinate:

Length of Sample R-S.0 C-S.7

Type HQ Core

Description MCD-7 89.0 - 93.0

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 4-12-80

Sample A 075571

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 1.0'

Type HQ Core

Description MCD-1 26.3-29.3'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

6-17-80

Sample A 057671

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-5.5 C-6.2

Type HQ Core

Description MCD-1 79.5-85.0'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 4-12-80

Sample A 075570

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 7.8'

Type HQ Core

Description MCD-1 228.8 - 236.6'

taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

SKETCH

© 1

Date 6-17-80

Sample A 057670

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-S.1 C-4.8

Type HQ Core

Description MCD-7 74.6 - 79.5'

taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

SKETCH

© 1

Date 4-12-80

Sample A 075569

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 5.3'

Type HQ Core

Description

Discrepancy w/ A. C-5.7'

R-5.3', C-5.7'

MCD-1 223.5'-228.8'

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

Date 6-16-80

Sample A 057669

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-4.8' C-5.0'

Type HQ Core

Description MCD-7 64.8-74.6

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

Date 4-12-80

Sample A 075568

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 6.1'

Type HQ Core

Description MCD-1 2174' - 2235'

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 6-14-80

Sample A 057868

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-S.O C-S.2

Type HQA-CORE

Description 64.8 - 69.8

MCD-7

Open by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

4-12-80

Sample A 075567

CATION Monte Cristo

SKETCH

ordinate:

gth of Sample 4.6'

to HQ Core

Description

Problem w/ driller's measurement

R-6.6' C-7.6'

MCD-1 20.8'-217.4'

then by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

② I

6-14-80

Sample A 057667

LOCATION Monte Cristo

SKETCH

ordinate:

gth of Sample 4.6' C-4.5'

type HQ core

Description MCD-7 60.2-64.8

then by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 4-12-80

LOCATION Mante Crest

Sample A 075566
SKETCH

Co-ordinates:

Length of Sample 4.6'

Type HQ Core

Description:

MCD-1 206.2' - 210.8'

Token by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☒

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Site 6-14-80

LOCATION Mante Crest

Sample A 057666
SKETCH

Co-ordinates:

Length of Sample R-4.2' C-4.5'

Type HQ Core

Description MCD-7 56.0' - 60.2'

Token by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

② I

Date 4-12-80

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 6.0'

Type H₂ Core

Description Problem w/ 4' w/ 2' - 206.2

R-6.0' C-7.0'

MCD-1 200.3 - 206.2

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

BOGAY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

SKETCH

Sample **A 0755665**

Date 6-14-80

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-5.0' C-5.0'

Type H₂ Core

Description MCD-7 51.0 - 56.0

Taken by:

ASSAYED FOR

Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag ☐

BOGAY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

SKETCH

Sample **A 0576665**

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Assay
Miss

ASSAY FOR

Ag	Au	Zn	Pb	Mo	Cu				

Sample A 075760 SKETCH

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

1937-1938

1939-1940

1941-1942

1943-1944

1945-1946

1947-1948

1949-1950

1951-1952

1953-1954

1955-1956

1957-1958

1959-1960

1961-1962

1963-1964

1965-1966

1967-1968

1969-1970

1971-1972

1973-1974

1975-1976

1977-1978

1979-1980

1981-1982

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1987-1988

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1999-2000

2001-2002

2003-2004

2005-2006

2007-2008

2009-2010

2011-2012

2013-2014

2015-2016

2017-2018

2019-2020

2021-2022

2023-2024

2025-2026

2027-2028

2029-2030

2031-2032

2033-2034

2035-2036

2037-2038

2039-2040

2041-2042

2043-2044

2045-2046

2047-2048

2049-2050

2051-2052

2053-2054

2055-2056

2057-2058

2059-2060

2061-2062

2063-2064

2065-2066

2067-2068

2069-2070

2071-2072

2073-2074

2075-2076

2077-2078

2079-2080

2081-2082

2083-2084

2085-2086

2087-2088

2089-2090

2091-2092

2093-2094

2095-2096

2097-2098

2099-2100

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Ag	Au	Zn	Pb	Mo	Cu				

ASSAY FOR

Sample A 075759 SKETCH

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

1937-1938

1939-1940

1941-1942

1943-1944

1945-1946

1947-1948

1949-1950

1951-1952

1953-1954

1955-1956

1957-1958

1959-1960

1961-1962

1963-1964

1965-1966

1967-1968

1969-1970

1971-1972

1973-1974

1975-1976

1977-1978

1979-1980

1981-1982

1983-1984

1985-1986

1987-1988

1989-1990

1991-1992

1993-1994

1995-1996

1997-1998

1999-2000

2001-2002

2003-2004

2005-2006

2007-2008

2009-2010

2011-2012

2013-2014

2015-2016

2017-2018

2019-2020

2021-2022

2023-2024

2025-2026

2027-2028

2029-2030

2031-2032

2033-2034

2035-2036

2037-2038

2039-2040

2041-2042

2043-2044

2045-2046

2047-2048

2049-2050

2051-2052

2053-2054

2055-2056

2057-2058

2059-2060

2061-2062

2063-2064

2065-2066

2067-2068

2069-2070

2071-2072

2073-2074

2075-2076

2077-2078

2079-2080

2081-2082

2083-2084

2085-2086

2087-2088

2089-2090

2091-2092

2093-2094

2095-2096

2097-2098

2099-2100

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Ag	Au	Zn	Pb	Mo	Cu				

ASSAY FOR

Sample A 075758 SKETCH

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP. MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR					
Cu	Mo	Pb	Zn	Au	Ag

Sample SKETCH

Sample A 075757

Sample A 075761

WILLIAM O'CONNOR & SONS, INC.
TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP. MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR					
Cu	Mo	Pb	Zn	Au	Ag

SKETCH

Welding

0075756 A

Sample A 075761

ALUMINUM MOUNTAIN GEOCHEMICAL CORP.

ROCKY MOUNTAIN GEOCHEMIE  MIDVALE, UT, RENO, NEV., SPOKANE, WASH., TU

Cu	Mo	Pb	Zn	Au	Ag

ASSAY FOR

SKETCH

Sample A 075755

Sample A 07571

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ANALYZED FOR

118-123

5.0

118-16

LOCATION 118

SKETCH

Sample A 075754

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ANALYZED FOR

ASSAY FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ANALYZED FOR

118-118

47

118-16

LOCATION 118

SKETCH

Sample A 075753

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ANALYZED FOR

ASSAY FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ANALYZED FOR

118-118

47

118-16

LOCATION 118

SKETCH

Sample A 075752

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ANALYZED FOR

ASSAY FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

DATE BY:

97-95

TYPE: H.D.

Length of Sample: 1.0

Coordinate: MCD-20

LOCATION: M.C.

SKETCH

Sample A 075748

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

DATE BY:

97-926

TYPE: H.D.

Length of Sample: 1.0

Coordinate: MCD-20

LOCATION: M.C.

SKETCH

Sample A 075747

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

DATE BY:

97-96

TYPE: H.D.

Length of Sample: 1.0

Coordinate: MCD-20

LOCATION: M.C.

SKETCH

Sample A 075748

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Cu Mo Pb Zn Au Ag

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL

Cu Mo Pb Zn Au Ag

--	--	--	--	--	--

ASSAY FOR

Sample A 075761

Sample A 075745

SKETCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL

Cu Mo Pb Zn Au Ag

--	--	--	--	--	--

ASSAYED FOR

taken by:

Description

Type

Length of Sample

Co-ordinate

LOCATION

Date

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL

Cu Mo Pb Zn Au Ag

--	--	--	--	--	--

ASSAY FOR

Sample A 075

Sample A 075744

SKETCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL

Cu Mo Pb Zn Au Ag

--	--	--	--	--	--

ASSAYED FOR

taken by:

Description

Type

Length of Sample

Co-ordinate

LOCATION

Date

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL

Cu Mo Pb Zn Au Ag

--	--	--	--	--	--

ASSAY FOR

Sample A 07576

Sample A 075743

SKETCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL

Cu Mo Pb Zn Au Ag

--	--	--	--	--	--

ASSAYED FOR

taken by:

Description

Type

Length of Sample

Co-ordinate

LOCATION

Date

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Assayed for Au Pb Zn Ag

Assayed for

Taken by:

1142-1182

Description

Type HQ

Length of Sample 7.0

Co-ordinates MCD-17

Location MC.

Date 2/17/81

SKETCH

Sample A 075742

Sample A

075761

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Assayed for Cu Mo Pb Zn Au Ag

Assayed for

ASSAY FOR

Date 2/17/81

Sample A 075741

Sample A 075761

SKETCH

LOCATION		M.C.			
Co-ordinate		MCD-17			
Length of Sample		4.8			
Type		HQ			
Description					
Taken by					
ASSAYED FOR		/C94-1142			
Cu	Mo	Pb	Zn	Au	Ag
ROCKY MOUNTAIN GEOCHEMICAL CORP.					
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.					

ASSAY FOR					
Cu	Mo	Pb	Zn	Au	Ag
ROCKY MOUNTAIN GEOCHEMICAL CORP.					
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.					

075761

Sample A

075740

Sample A

SKETCH

LOCATION

2/17/81

Date

Co-ordinates: M20-17
Length of Sample 3.9
Type 1-1/2
Description

1055-1094

Taken by:

ASSAYED FOR

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CO
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

Cu Mo Pb Zn Au Ag

ASSAY FOR

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu	Mo	Pb	Zn	Au	Ag

ASSAYED FOR

Sample by:

10/14-10/5

Description:

Core HQ

Length of Sample

44
MCD-17

Location M.C.

Date 2/17/81

SKETCH

Sample A 075739

Sample A 075761

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu	Mo	Pb	Zn	Au	Ag

ASSAY FOR

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu	Mo	Pb	Zn	Au	Ag

ASSAYED FOR

Sample by:

926-101

Description:

Core HQ

Length of Sample

MCD-17

Location M.C.

Date 2/17/81

SKETCH

Sample A 075738

Sample A 075761

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TU

ROCKY MOUNTAIN GEOCHEMICAL

Cu	Mo	Pb	Zn	Au	Ag

ASSAY FOR

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu	Mo	Pb	Zn	Au	Ag

ASSAYED FOR

Sample by:

891-926

Description:

Core HQ

Length of Sample

MCD-17

Location M.C.

SKETCH

Sample A 075737

Sample A 075761

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON

ROCKY MOUNTAIN GEOCHEMICAL C

Cu	Mo	Pb	Zn	Au	Ag

ASSAY FOR

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

ANALYST

DATE

DESCRIPTION

TYPE

LENGTH OF SAMPLE

CO-ORDINATE

LOCATION

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Cu Mo Pb Zn Au Ag

Sample A 075761

Sample A 075736

SKETCH

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

ANALYST

DATE

DESCRIPTION

TYPE

LENGTH OF SAMPLE

CO-ORDINATE

LOCATION

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Cu Mo Pb Zn Au Ag

Sample A 075761

Sample A 075735

SKETCH

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

ANALYST

DATE

DESCRIPTION

TYPE

LENGTH OF SAMPLE

CO-ORDINATE

LOCATION

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Cu Mo Pb Zn Au Ag

Sample A 075761

Sample A 075734

SKETCH

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

Assayed by:

Location: MCD-16

Coordinate: MCD-16

Length of Sample: 54

Type: HQ

Description: 938-992

Assay for:

Cu	Mo	Pb	Zn	Au	Ag

Date: 2/16/81

Sample A 075730

SKETCH

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Assay for:

Cu	Mo	Pb	Zn	Au	Ag

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

Assayed by:

Location: MCD-16

Coordinate: MCD-16

Length of Sample: 5.2

Type: HQ

Description: 886-938

Assay for:

Cu	Mo	Pb	Zn	Au	Ag

Date: 2/16/81

Sample A 075729

SKETCH

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Assay for:

Cu	Mo	Pb	Zn	Au	Ag

Sample A 075761

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAYED FOR

Assayed by:

Location: MCD-14

Coordinate: MCD-14

Length of Sample: 64

Type: HQ

Description: 1012-1076

Assay for:

Cu	Mo	Pb	Zn	Au	Ag

Sample A 075728

SKETCH

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ASSAY FOR

Assay for:

Cu	Mo	Pb	Zn	Au	Ag

Sample A 075761

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ASSAY FOR
Cu Mo Pb Zn Au Ag

Sample A 075761

Sample A 075727

SKETCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ASSAY FOR
Cu Mo Pb Zn Au Ag

97-1012

MCD-14

2/13/81

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ASSAY FOR
Cu Mo Pb Zn Au Ag

Sample A 075761

Sample A 075726

SKETCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ASSAY FOR
Cu Mo Pb Zn Au Ag

Description: 909-97

Coordinate: MCD-14

Location: M.C.

Date: 2/13/81

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ASSAY FOR
Cu Mo Pb Zn Au Ag

Sample A 07576

Sample A 075725

SKETCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

ASSAY FOR
Cu Mo Pb Zn Au Ag

Sample: SOME FREE GOLD

Description: 809-909

Coordinate: MCD-14

Location: M.C.

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAYED FOR

Taken by:

Type HQ

Description 808-869

Length of Sample 52

Co-ordinate: MCD-14

LOCATION M.C.

SKETCH

Date 2/13/81

Sample A 075724

Sample A 07576

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAY FOR

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAYED FOR

Taken by:

Type HQ

Description 73-808

Length of Sample 78

Co-ordinate: MCD-14

LOCATION M.C.

SKETCH

Date 2/13/81

Sample A 075723

Sample A 075

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAY FOR

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAYED FOR

Taken by:

Type HQ

Description 127-142

Length of Sample 150

Co-ordinate: MCD-11

LOCATION M.C.

SKETCH

Date 2/13/81

Sample A 075722

Sample A 0757

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAY FOR

Date: 2/13/81
 Location: M.C.
 Co-ordinate: MCD-11
 Length of Sample: 9.0
 Type: HQ
 Description: 118-127
 Taken by:

ASSAYED FOR
 Cu Mo Pb Zn Au Ag

HOGKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 075721
 SKETCH

Sample A 075761

ASSAY FOR
 Cu Mo Pb Zn Au Ag

HOGKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

Date: 2/13/81
 Location: M.C.
 Co-ordinate: MCD-11
 Length of Sample: 70
 Type: HQ
 Description: 110-1160
 Taken by:

ASSAYED FOR
 Cu Mo Pb Zn Au Ag

HOGKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 075720
 SKETCH

Sample A 0757

ASSAY FOR
 Cu Mo Pb Zn Au Ag

HOGKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

Date: 4/1/80
 Location: M.C.
 Co-ordinate: MCD-13
 Length of Sample: 0.9
 Type: HQ
 Description: 46.0-46.9
 Taken by:

ASSAYED FOR
 Cu Mo Pb Zn Au Ag

HOGKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 075719
 SKETCH

Sample A 07576

ASSAY FOR
 Cu Mo Pb Zn Au Ag

HOGKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAYED FOR

Taken by:

Description

Type

Length of Sample

Co-ordinates

LOCATION

Date

2/13/81

SKETCH

Sample A 075718

Sample A 075761

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAY FOR

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAYED FOR

Taken by:

255'-265'

450' OF 12A

Description

Type HC

Length of Sample 10'0"

Co-ordinates

LOCATION

Date

2/13/81

SKETCH

Sample A 075717

Sample A 0757

NO ASSAY
PREVIOUSLY
SPLIT

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAYED FOR

Taken by:

Description

Type HC

Length of Sample

Co-ordinates

LOCATION

Date

2/13/81

SKETCH

Sample A 075716

Sample A 075717

NO ASSAY
PREVIOUSLY
SPLIT

MIDVALE, UT.-RENO, NEV., SPOKANE, WASH.-TUCSON, ARIZ.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Cu Mo Pb Zn Au Ag

ASSAY FOR

Date 4/13/81

Sample A 075714

Sample A 075717

LOCATION

SKETCH

Co-ordinate MCD-12A

Length of Sample

Type HQ

Description 2354-2368

Taken by

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CO

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Date 4/13/81

Sample A 075715

Sample A 075717

LOCATION MC

SKETCH

Co-ordinate MCD-12A

Length of Sample

Type HQ

Description 2423-2438

Taken by

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCH

MIDVALE, UT.-RENO, NEV.-SPOKANE, WA

4/13/81

Sample A 075716

Sample A 075717

MC

SKETCH

MCD-12A

Type

2423-

FOR

Pb	Zn	Au	Ag						

Y MOUNTAIN GEOCHEMICAL CORP.

RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

PREVIOUSLY
SPLIT

No Assay

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO,

WASH.-TUCSON, ARIZ.

Date 2/13/81

Sample A 075712

Sample A 075717

LOCATION MC.

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQDescription 183° - 185°

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Date 2/13/81

Sample A 075713

Sample A 075717

LOCATION MC.

SKETCH

Co-ordinate: MCD-15

Length of Sample

Type

Description 55° - 79°

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CO

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 075711

Sample A 075711

LOCATION MC

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQ

Description 175² - 176⁹

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		


 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		


 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Date 2/12/81

Sample A 075710

Sample A 075717

LOCATION MC

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQ

Description 195⁸ - 201

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		


 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		


 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Date 2/12/81

Sample A 075709

Sample A 075717

LOCATION MC

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQ

Description 98⁵ - 101⁵

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		


 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		


 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Date 2/12/81

Sample A 075707

Sample A 075717

LOCATION M.C.

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQDescription 829-947

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Date 2/12/81

Sample A 075708

Sample A 075717

LOCATION M.C.

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQDescription 947-9851

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 075704

Sample A 075711

LOCATION: MC
 Co-ordinate: MCD-10
 Length of Sample: 46
 Type: HQ
 Description: 75-90

SKETCH

Taken by:

ASSAYED FOR

--	--	--	--	--	--	--	--	--	--

Cu Mo Pb Zn Au Ag
 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
 MIDVALE, UT - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

ASSAY FOR

--	--	--	--	--	--	--	--	--	--

Cu Mo Pb Zn Au Ag
 **ROCKY MOUNTAIN GEOCHEMICAL**
 MIDVALE, UT - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

Date: 2/12/81

Sample A 075705

Sample A 075711

LOCATION: MC
 Co-ordinate: MCD-10
 Length of Sample: 44
 Type:
 Description: 80-849

SKETCH

Taken by:

ASSAYED FOR

--	--	--	--	--	--	--	--	--	--

Cu Mo Pb Zn Au Ag
 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
 MIDVALE, UT - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

ASSAY FOR

--	--	--	--	--	--	--	--	--	--

Cu Mo Pb Zn Au Ag
 **ROCKY MOUNTAIN GEOCHEMICAL**
 MIDVALE, UT - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

Date: 2/12/81

Sample A 075706

Sample A 075711

LOCATION: MC

SKETCH

Co-ordinate: MCD-10
 Length of Sample: 30
 Type: HQ
 Description: 85-889

Taken by:

ASSAYED FOR

--	--	--	--	--	--	--	--	--	--

Cu Mo Pb Zn Au Ag
 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
 MIDVALE, UT - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

ASSAY FOR

--	--	--	--	--	--	--	--	--	--

Cu Mo Pb Zn Au Ag
 **ROCKY MOUNTAIN GEO**
 MIDVALE, UT - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

Date 2/12/81

Sample A 075701

Sample A 075

LOCATION MICHRISTO

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQDescription 578-61^s

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEM

MIDVALE, UT.-RENO, NEV.-SPOKANE, WA

Date 2/12/81

Sample A 075702

Sample A 075

LOCATION M.C.

SKETCH

Co-ordinate: MCD-10Length of Sample 40Type HQDescription 61^e - 64^d

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEM

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.

Date 2/12/81

Sample A 075703

Sample A 07571

LOCATION M.C.

SKETCH

Co-ordinate: MCD-10

Length of Sample

Type HQDescription 65^s - 75⁺

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

ASSAY FOR

Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL

MIDVALE, UT.-RENO, NEV.-SPOKANE, WASH.-TUCSON

Sample A 075664

SKETCH

12122
LOCATION M. CRISTO

Coordinate:

Length of Sample: 2.0'

HQ

Description MKD-21

1904 - 1924

Run by:

ASSAYED FOR:

☐ Cu ☐ Mo ☐ Pb ☒ Zn ☒ Au ☐ Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

COVALL, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

© f

Sample A 057700

SKETCH

6-21-80
LOCATION Monte Cristo

Coordinate:

Length of Sample: R-5.2' C-6.3'

HQ CORE

Description MKD-7 92.8-98.0

Run by:

ASSAYED FOR

☐ Cu ☐ Mo ☐ Pb ☒ Zn ☒ Au ☐ Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

COVALL, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

© f

LOCATION MONTE CRISTO

SKETCH

Coordinates:

Length of Sample 4.0

Type HQ

Description MCD-L3

247³ - 251³

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Sample A 057699

SKETCH

LOCATION

Monte Cristo

Coordinates:

Length of Sample R-4.8 C-4.2

Type HQ CORE

Description MCD-9 88.0 - 92.8

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

12/15

LOCATION MONTE CRISTO

Coordinate:

Length of Sample 4.0

HO

Description MCD-13

2473-2513

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 075663

SKETCH

✓

12/15

Sample A 075662



LOCATION: MONTE CRISTO

SKETCH

Coordinates:

Length of Sample: 6.7

HO

Description: MCD-13

2359 - 2426

Taken by:

ASSAYED FOR:

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

©1

6-21-80

Sample A 057698

ON Monte Cristo

SKETCH

Notes:

Sample R-3.0 C-3.8

HO CORE

Mon MCD-13 85.0' - 88.0'

by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

©1

Sample A 075661

Date 12/15

SKETCH

LOCATION MONTE CRISTO

Coordinate:

Length of Sample 1.9'

Type HQ

Description MCD-13
23A-2359

Analyst by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOJOVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

Sample A 057697

6-21-80

SKETCH

LOCATION

MONTE CRISTO

Coordinate:

Length of Sample 12.4.0812 C-3.7

Type HQ CORE

Description MCD-9 810'-85.0'

Analyst by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOJOVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

Sample A 075660 ✓

SKETCH

Date 12/15

LOCATION MONTE CRISTO

Coordinates:

Length of Sample 5.0 (ACTUAL)

Type HQ

Description MCD-12A

254.3 - 265.1

Analyst by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT, RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

© 1

Sample A 057696

SKETCH

Date 12-21-80

LOCATION Monte Cristo

Coordinates:

Length of Sample R-4.5 C-5.2

HQ CORE

Description MED-9 65.3' - 69.8'

Analyst by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT, RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

© 1

Date 12/15

Sample **A 075659** ✓

SKETCH

LOCATION Monte Cristo

Coordinate:

Length of Sample 5.0

Type HQ

Description MCD 12-A

2492-2542

Analyst by:

ASSAYED FOR

☐ Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**

MOJAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

Date 6-21-80

Sample **A 057695** ?

SKETCH

LOCATION Monte Cristo

Coordinate:

Length of Sample R-4.8 C-4.6


Type HQ Core

Description MCD-9 60.5'-65.3'

Analyst by:

ASSAYED FOR

☐ Cu ☐ Mo ☐ Pb ☐ Zn ☒ Au ☒ Ag

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**

MOJAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

Sample A 075658

SKETCH

Date 12/15

LOCATION MONTE CRISTO

Co-ordinate:

Length of Sample 1.5'

Type HQ

Description MCD - 12A
242 3 2438

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Sample A 075658

SKETCH

12/15
LOCATION MONTE CRISTO

Coordinate:

Depth of Sample 1.5'

HQ

Description MCD-12A

2423-2438

by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

Sample A 057694

SKETCH

LOCATION Monte Cristo

Coordinate:

Depth of Sample R-4.0 C-4.7

HQ CORE

Description MCD-9 56.5'-60.5'

by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

HQ
 Description MCD - 12A
 242³ - 243⁸
 Analyzed by:
 ASSAYED FOR
 Mo Pb Zn Au Ag
 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MOHAVE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

Sample A 057694

SKETCH

LOCATION Monte Cristo
 of Sample R-4.0 C-4.7
 HED CORE
 MCD-9 56.5' - 60.5'
 Analyzed by:
 ASSAYED FOR
 Mo Pb Zn Au Ag
 ROCKY MOUNTAIN GEOCHEMICAL CORP.
 MOHAVE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

Date 12/15/80 Sample **A 075657** ✓

SKETCH

LOCATION MONTÉ CRISTO

Coordinate:

Length of Sample 1.4

Type HQ

Description MCD - 12A

2354 - 2368

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

©1

6-21-80

Sample **A 057693** ✓

SKETCH

LOCATION MONTÉ CRISTO

Coordinate:

Length of Sample R-6.3 C-5.3

Type HQ Core

Description MCD-9 50.2 - 56.5

by:

ASSAYED FOR

Mo Pb Zn Au Ag

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

©1

10/22

Sample A 075656 ✓

LOCATION: Monte C4.

SKETCH

Coordinates:

Depth of Sample 8'

No. N 9

Description MCD 19

586-594

Analyzed by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag

 ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

6-20-80

Sample A 057692 ✓

LOCATION: Monte Cristo

SKETCH

Coordinates:

Depth of Sample R-7.7 C-4.4

HQ Core

Description MCD-9 42.5-50.2

Analyzed by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag
			✓	✓

 ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 10/22 Sample **A 075655** ✓

SKETCH

LOCATION Monte CH.

Coordinates

Length of Sample 5

Type NQ.

Description MCD-19

581-586

Analyst by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

Date 6-20-80

Sample **A 057691** ✓

SKETCH

LOCATION Monte Cristo

Coordinates

Length of Sample R-4.2, C-3.3

Type HQ Core

Description MCD-9 38.3-42.5

Analyst by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

Date 10/22 Sample A 075654

LOCATION Monte CH.

SKETCH

Coordinate:

Length of Sample 105

Type N.Q.

Description MCD 19

570.5-581

Taken by:

ASSAYED FOR

Ca Mg Pb Zn Al Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOYALE, UT-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 6-20-80 Sample A 057690 ✓

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample R-3.6', C-2.9'

Type HA Core

Description MCD-9 34.7-38.3

Taken by:

ASSAYED FOR

Ca Mg Pb Zn Al Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOYALE, UT-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

10/22

Sample A 010000

SKETCH

LOCATION Monte CH

Coordinates

Length of Sample 62

NQ

Description MCD 19

5643-5705

Analyzed by:

ANALYZED FOR

Cu	Mo	Pb	Zn	Ag	As	Sb	Bi	Se	Te	Sn	W	Co	Ni	Fe	Mn	Ca	Mg	Al	Si	Ti	B	F	Cl	Br	I	Li	Na	K	Rb	Cs	Ba	Sr	Zr	Hf	Ta	Nb	Th	U	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	---	---	----	----	---	----	----	---	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOYALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

6-20-80

Sample A 057689

SKETCH

LOCATION Monte Cristo

Coordinates

Length of Sample 3.46

HQ core

Description MCD-9 31.5'-34.7'

Analyzed by:

ANALYZED FOR

Mo	Pb	Zn	Au	Ag	As	Sb	Bi	Se	Te	Sn	W	Co	Ni	Fe	Mn	Ca	Mg	Al	Si	Ti	B	F	Cl	Br	I	Li	Na	K	Rb	Cs	Ba	Sr	Zr	Hf	Ta	Nb	Th	U	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
----	----	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	---	---	----	----	---	----	----	---	----	----	----	----	----	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOYALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

SKETCH

LOCATION Monte CH.

Coordinates

Length of Sample

5.5

Type

NQ

Description

MCD 19

5587

5643

Obtained by

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Sample A 057688 ✓

SKETCH

LOCATION Monte Cristo

Coordinates

Length of Sample R-5.3', C-4.3'

Type HQ Core

Description

MCD-9 26.0' - 31.3'

Obtained by

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Sample A 057688 ✓

SKETCH

6-30-80

LOCATION Monte Cristo

Coordinate R-5.3', C-4.3'

Depth of Sample HQ Core
Description MCD-9 26.0' - 31.3'

Anal by

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

Date 5-24-80

Sample A 057652

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 4.5'

Type Hg Core

Description MCD-5 103.5-108

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 10/22

Sample **A 075651** ✓

LOCATION Monte CH

SKETCH

Co-ordinate:

Length of Sample 59

Type HQ

Description: MCD 19

553 - 5589

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

©1

Date 6-20-80

Sample **A 057687** ✓

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 1.0'

Type HQ Core

Description MCD-9 25-26'

Taken by:

ASSAYED FOR

Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

©1

Sample A 075650 ✓

SKETCH

10/22

LOCATION Monte Ch.

Coordinates:

Depth of Sample 38

pe. NQ

Description MCD 19

549 553

Assayed by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

Sample A 057686 ✓

SKETCH

6-1980

LOCATION Monte Cristo

Coordinates:

Depth of Sample R-2.7, C-3.1

pe. HQ Core

Description MCD-B 86.3-89.0

Assayed by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

Date 10/22

Sample **A 075649** ✓

SKETCH

LOCATION Monte Cito

Co-ordinates:

Length of Sample 8'

Type N/Q

Description MCD 19

5384 - 5465

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

Date 6-19-80

Sample **A 057685** ✓

SKETCH

LOCATION Monte Cito

Co-ordinates:

Length of Sample R-3.5' C-3.6'

Type HQ Core

Description MCD-8 82.8 - 86.3'

Taken by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MOHAVE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©

5561 Date 10/22 Sample A 075648 ✓

LOCATION: MONT. CH. SKETCH

Coordinate:

Length of Sample: 27

PI Q2M Type: NIO

Description: MCD 19

546⁵ - 549²

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

6-19-80 Sample A 057684 ✓

LOCATION: Monte Cristo SKETCH

Coordinate:

Length of Sample: 2.3'

Hg Cone

Description: MCD-8 80.5-82.8

by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag
			✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.
MIDVALE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

Sample **A 075647** ✓

SKETCH

Date **10/22**

LOCATION **Mon. CTR.**

Coordinate:

Length of Sample **3.4**

Type **INQ**

Description **MCD 19**

535 - 538 4

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Sample **A 057683** ✓

SKETCH

Date **6-19-80**

LOCATION **Monte Cristo**

Coordinate:

Length of Sample **R-6.3 C-6.1**

Type **HQ Core**

Description **MCD-B 72.7 - 79.0**

Taken by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

1805
MONTE CRISTO

Sample A 075646 ✓

SKETCH

ordinate:

Depth of Sample

68

Description

MCD-19

5282 - 535

Analysed by:

ANALYSED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

BOULDER, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

08-81-2

6-10-80

Sample A 057682

SKETCH

LOCATION Monte Cristo

ordinate:

Depth of Sample R-7.5' C-7.6'

HQ Core

Description MCD-7 142.3 - 150.0

143.4 - 150.9

Analysed by:

ANALYSED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

BOULDER, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 8/22/80Sample **A 075645**

SKETCH

LOCATION MONTE CRISTO

Co-ordinate:

Length of Sample 5.1'Type NQDescription MCD-188114.0 - 119.1

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

G-18-80

Sample **A 057681**

SKETCH

LOCATION Monte CristoCo-ordinate: 7.6'Length of Sample R-~~8~~ C-7.8'Type HQ coreDescription MCD-7 135.3 - 143.4(?)

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 8/22/80 Sample **A** 075644

LOCATION MONTA CRISTO

SKETCH

Coordinate:

Length of Sample 5.0'

Core NO

Description MCD 18B

109.0 - 114.0

Taken by:

ANALYZED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 6-18-80 Sample **A** 057680

LOCATION Monta Cristo

SKETCH

Coordinate:

Length of Sample R-7.3 C-6.9

Core HQ core

Description MCD-7 128.0 - 135.1

Taken by:

ANALYZED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

IDAHO, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 8/22/80Sample **A** 075643LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'Type NQ COREDescription MCD 18B104.0 - 109.0

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

6-18-80

Sample **A** 057679LOCATION MONTE CRISTO

SKETCH

Date:

Sample R-8.0 C-7.3Type HQ CoreDescription MCD-7 120' - 128'

Taken by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© 1

8/21/80

Sample A 075642

LOCATION MONTE CRISTO

SKETCH

Date:

Depth of Sample 4.0'

NQ CORE

Location MCD 18B

Elevation 10.0 - 104.0

Notes:

ASSAYED FOR

Mo. Pb. Zn. Au. Ag.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

DALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

8-81-80

6-18-80

Sample A 057678

SKETCH

LOCATION MONTE CRISTO

Coordinate:

Depth of Sample R-4.7, C-6.0

HQ Core

Location MCD-7 115.3 - 120.0

Notes:

ASSAYED FOR

Mo. Pb. Zn. Au. Ag.

ROCKY MOUNTAIN GEOCHEMICAL CORP.

DALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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8/21/80

Sample A 075641

LOCATION

MONTE CRISTO

SKETCH

Coordinate:

Length of Sample

4.8'

• NQ CORE

Description

MCD 18B

95.2 - 100.0

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-18-80

Sample A 057677

LOCATION

Monte Cristo

SKETCH

Coordinate:

Length of Sample

• HQ core

Description

MCD-7 111.2 - 115.3'

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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8/21/80

Sample A 075640

LOCATION MONTE CRISTO

SKETCH

Coordinate:

Length of Sample 3.5'

Depth NO CORE

Description MCD 18 B

91.7 - 95.2

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. TUCSON, ARIZ.

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6-18-80

Sample A 057676

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample R-4.5 C-5.1

Depth HQ Core

Description MCD -7 106.7 - 111.2'

by:

ASSAYED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. TUCSON, ARIZ.

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Date 8/21/80

Sample **A** 075639

LOCATION MONTA CRISTO

SKETCH

Coordinate:

Length of Sample 6.7'

Type NQ

Description MCD - 18B

85.0 - 91.7

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		



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MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-17-80

Sample **A** 057675

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 3.5'

Type HQ Core

Description MCD - 7 103.2 - 106.7

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mo	Pb	Zn	Au	Ag		

ROCKY MOUNTAIN GEOCHEMICAL CORP.

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Date 8/21/80

Sample **A** 075638

LOCATION MONTIE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'

Type NQ CORE

Description MCD-18B

80.0 - 85.0

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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17-80

Sample **A** 0576(74)

Monte Cristo

SKETCH

Sample 6.2'

NQ CORE

MCD-7 97-103.2

ED FOR

Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'

Type NQ CORE

Description MCD-18B

80.0 - 85.0

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

6-17-80

Sample A 057674

SKETCH

LOCATION Monte Cristo

Notes:

Length of Sample 6.2'

Type HQ Core

Description MCD-7 97-103.2

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 8/21/80Sample **A 075637**LOCATION MONTICRISTO

SKETCH

Co-ordinate:

Length of Sample 4.3'Type HQ COREDescription MCD-18B75.7 - 80.0

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-17-80Sample **A 057673**LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.0'Type HQ CoreElevation MCD-7 93.0' - 97.0'

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 8/21/80

Sample A 075636

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 5.0Type HQ COREDescription MCD 18-B70.7 - 75.7

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-17-80

Sample A 057672

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-5.0 C-5.7Type HQ CoreDescription MCD-7 88.0 - 93.0

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Date 8/15/80Sample **A 075635**LOCATION MONTÉ CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.7'Type HQ COREDescription MCD-18B65.0-70.7

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-17-80Sample **A 057671**LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-5.5 C-6.2Type HQ CoreDescription MCD-7 79.5-85.0'

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 8/15/80

Sample A 075634

LOCATION MONTÉ CRISTO

SKETCH

Co-ordinate:

Length of Sample C 1.5 R-8.2Type HQ COREDescription MCD-18 B56.8 - 65.0

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. TUCSON, ARIZ.

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8-17-80

Sample A 057670

SKETCH

LOCATION Monte CristoLength of Sample R-5.1 C-4.8Type HQ CoreDescription MCD-7 74.6 - 79.5

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. RENO, NEV. SPOKANE, WASH. TUCSON, ARIZ.

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Date 8/15/80Sample **A 075633**LOCATION MONTA CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'Type HQ COREDescription MCD 1K-B51.8 - 56.8

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-16-80Sample **A 057669**LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-4.8' C-5.0'Type HQ CoreDescription MCD-7 69.8-74.6

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

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Date 8/15/80 Sample **A** 075632

LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'

Type HQ CORE

Description MCD-18B

46.8 - 51.8

Taken by:

ASSAYED FOR

☒ ☒ ☐ ☐ ☐ ☐ ☐ ☐

Cu Mo Pb Zn Au Ag



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

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80 Sample **A** 057668

Location Monte Cristo

SKETCH

Length of Sample 5.0 C-5.2

Type HQ CORE

Description 64.8 - 69.8

MCD-7

FOR

☒ ☒ ☐ ☐ ☐ ☐

Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

Date 8/15/80Sample **A** 075631LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'Type HQ COREDescription MCD 18B41.8' - 46.8'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 6-14-80Sample **A** 057668LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-5.0 C-5.2Type HQ COREDescription 64.8 - 69.8MCD-7

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 8/15/80Sample **A 075631**LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'Type HQ COREDescription MCD 18 B41.8' - 46.8'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

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6-14-80

Sample **A 057667**

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 4.6' - C-4.5'Type HQ coreDescription MCD-71 60.2 - 64.8

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

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Date 8/15/80Sample **A** 075630LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.4'Type HQ COREDescription MCD-18B36A - 41.8'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				/	/



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

6-14-80

Sample **A** 057666LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-42' C-4.5'Type HQ CoreDescription MCD-7 56.0-60.2'

Taken by:

ASSAYED FOR

Date 8/12/80

Sample A U155629

LOCATION MONTE CRISTO

SKETCH

Co-ordinate:

Length of Sample 5.0'

Type HQ CORE

Description MCD-18B

31.4 - 36.4

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-14-80

Sample A 057665

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-5.0' C-50'

Type HQ Core

Description MCD-7 51.0' - 56.0'

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

8/15/80

Sample A 075628

LOCATION MONTE CRISTO

SKETCH

Coordinate:

Depth of Sample 54'

HQ core

Description MCD-18B

25.5' - 30.5'

26.0' - 31.4'

Analyzed by:

ANALYZED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-14-80

Sample A 057664

LOCATION Monte Cristo

SKETCH

Coordinate:

Depth of Sample R-4.0' C-4.8'

HQ core

Description MCD-7 47.0' - 51.0'

Analyzed by:

ANALYZED FOR

Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 8/15/80

Sample **A 075627**

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.5'

Type HQ CORE

Description MCD-18B

20.5 - 25.0'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-14-80

Sample **A 057663**

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.0' 5.2'

Type HQ Core

Description Me B-7 43'-47'

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 7-18-80

Sample A 075626

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-5.8 C-5.6

Type NA Core

Description MCD-13 460.2-466.0

Taken by:

ASSAYED FOR

				✓	✓			
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-14-80

Sample A 057662

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-6.7 C-8.4

Type HQ Core

Description MCD-7 363'-430'

Taken by:

ASSAYED FOR

			✓	✓				
Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 7-15-80

Sample AU75625

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.0

Type HQ Core

Description MCD-13 456.2-460.2

Taken by:

ASSAYED FOR

				✓	✓			
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-10-80

Sample A 057661

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-4.6' C-5.0'

Type HQ Core

Description MCD-6 980'-102.6'

Taken by:

ASSAYED FOR

				✓	✓			
Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 7-18-80

Sample A 075624

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 46

Type NQ

Description MCD-13 451.6-456.2

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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6-10-80

Sample A 057660

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R(4.5) C-4.7

HQ Core

Depth MCD-6 93.5-98.0

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 7-19-80 Sample **A 075623**

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 4.2


Type NA core

Description MCD-13 447.4-451.6

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-10-80

Sample **A 057659**

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample R(4.9), C-5.1'

Type HA core

Description MCD-6 88.6'-93.5'

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mo	Pb	Zn	Au	Ag			

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 7-18-80Sample **A** 075622LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-4.2 C-5.3Type NQ CoreDescription MCD-13 443.2-447.4

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 6-10-80Sample **A** 057657LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample A-49 C-48Type HQ CoreDescription MCD-6

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 7-18-80

Sample A 075621

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-6.2 C-4.6

Type NQ Core

Description MCD-13 437.0-443.2

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 6-10-90

Sample A 057656

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-4.4 C-3.8

Type HQ Core

Description MCD-6 75.3-79.7

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 7-18-80

Sample A 075620

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-5.3 C-3.4

Type NQ Core

Description MCD-13 431.7' - 437.0'

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-10-80

Sample A 057655

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-8.8' C-7.4'

Type HQ Core

Description MCD-6 665' - 753'

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		

Date 7-15-80

Sample A 075619

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.0'

Type NQ Core

Description MCD-13 427.7 - 431.7

Taken by:

ASSAYED FOR

				✓	✓			
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 6-10-80

Sample A 057654

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 6.5' Run - 3.5' Core

Type HQ Core

Description MCD-6 427.7 - 431.7

Taken by:

ASSAYED FOR

				✓	✓			
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 7-16-80Sample **A** 075618LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 2.6'Type HQ CrvDescription MCD-12 227.0'-229.0'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f:

Date 5-24-80Sample **A** 057653LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.8Type HQ CrvDescription MCD-5 108-112.8

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

Date 5-24-80

Sample A 057652

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 4.5'

Type HQ Core

Description MCD-5 103.5-108

Taken by:

ASSAYED FOR

Cu Mo Pb Zn Au Ag

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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Date 5-24-80

Sample A 057652

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.5'

Type HQ Core

Description MCD-5 103.5-108

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

44'
36'
8'4"

Date 7-16-80Sample **A** 075617LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4 9'Type HA 102Description MCD-12 192.5' - 198.1'

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 5-24-80Sample **A** 057652LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.5'Type HA CoreDescription MCD-5 103.5' - 108

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

44'
36'
8'

Date

Sample A 075010

LOCATION

Meads Creek

SKETCH

Co-ordinate:

Length of Sample 8-5.1 C-2.1

Type HQ Core

Description MCD-12 1319'-193.5'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

Date 5-24-80

Sample A 057651

LOCATION

Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.0

Type HQ Core

Description MCD-5 99.5'-103.5'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© I

44'
36'
84'

05-2

5-24-80

Sample A 057650

LOCATION Monte Cristo

SKETCH

Coordinate:

Length of Sample 4.4' , 3.4' actual

Type HQ Core

Description MCD-5 95.1-99.5

Taken by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag				

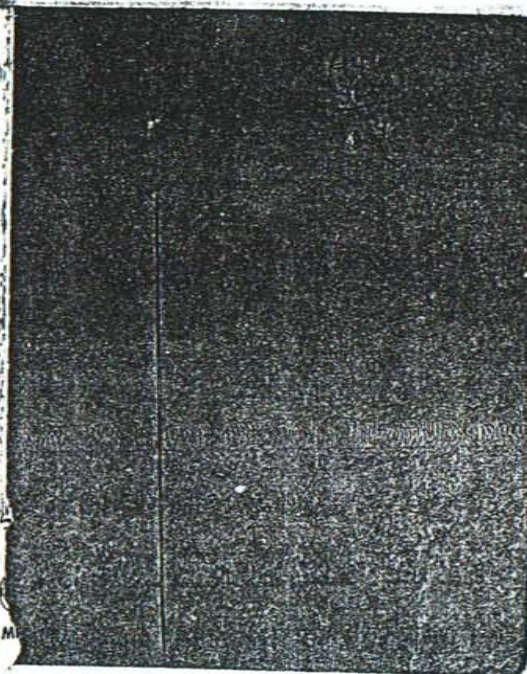


ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

WASH.-TUCSON, ARIZ.



Date 7-16-80

Sample **A075615**

SKETCH

LOCATION Monte Cristo

Co-ordinate:

Length of Sample R-4.1 C-4.6


Type HQ core

Description MCD-12 183.8' - 187.9'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

80

Ante Airo

R-4.1 C-4.6

12 183.8' - 187.9'

☒ ☒ ☐ ☐ ☐ ☐
Au Ag
N GEOCHEMICAL CORP.
OKANE, WASH.-TUCSON, ARIZ.

Sample A 075615
SKETCH

©1

Date 7-16-80Sample **A** 075615LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample R-41 C-4.6Type HG coreDescription MCD-12 183.8' - 187.9'

Taken by:

ASSAYED FOR

				✓	✓			
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

Date 5-24-80Sample **A** 057650LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.4', 3.9' actualType HA CoreDescription MCD-5 95.1 - 99.5

Taken by:

ASSAYED FOR

				✓	✓			
Cu	Mo	Pb	Zn	Au	Ag			



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

②1

Date 7-16-80 Sample **A** 075614

LOCATION Monte Cristo

Co-ordinate: _____

Length of Sample 0.9'


Type HA conc

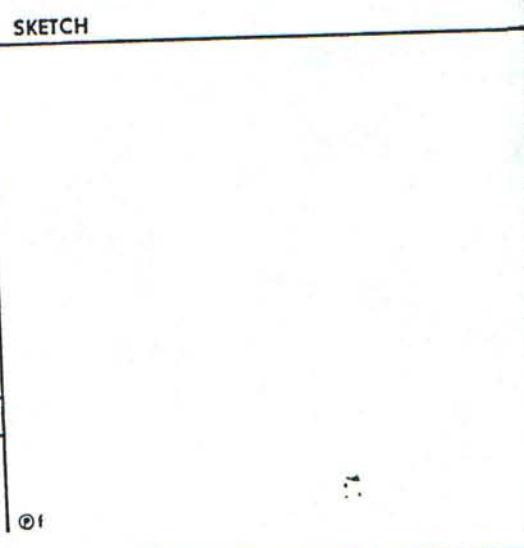
Description MCD 16 182.9' - 183.8'

Taken by: _____

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.



Date 5-24-80 Sample **A** 057649

LOCATION Monte Cristo

Co-ordinate: _____

Length of Sample 2.5'


Type HA conc

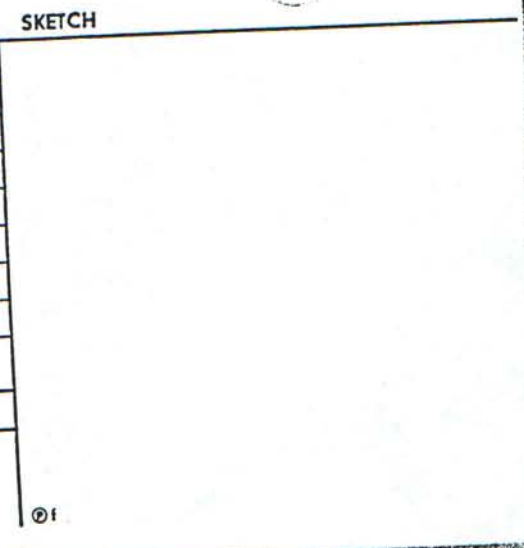
Description MCD-5 92.6-95.1

Taken by: _____

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.



7-16-80

Sample A 075613

LOCATION *Monte Cristo*

SKETCH

Coordinate:

Length of Sample *2-6.0 C-5.0*HQ *core*Description *MCD-12 1665' - 172.5'*

Run by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cu	Mo	Pb	Zn	Au	Ag		

ROCKY MOUNTAIN GEOCHEMICAL CORP.
 DURANGO, CO. - RENO, NEV. - SPOKANE, WASH. - TUCSON, ARIZ.

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Monte Cristo 524-80

Sample A 057648

LOCATION

SKETCH

Coordinate:

Length of Sample *3.4'*HQ *core*Description *MCD-5 87(3) - 92.6'*

Run by:

ASSAYED FOR

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mo	Pb	Zn	Au	Ag			

ROCKY MOUNTAIN GEOCHEMICAL CORP.
 DURANGO, CO. - RENO, NEV. - SPOKANE, WASH. - TUCSON, ARIZ.

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Date 5-24-80

LOCATION Monte Cristo

Co-ordinate:

Length of Sample 5.5'

Type HQ Core

Description MCD-5 83.7' - 89.2'

Sample A 057647

SKETCH

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag
				✓	✓

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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SPOKANE, WASH.-TUCSON, ARIZ.

Date 5-24-80
LOCATION Monte Cristo
Co-ordinate:

Sample **A** 057646

SKETCH

Length of Sample 5.3', 6.2' actual


Type HQ Core

Description MCD-5 784' - 837'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				
				✓	✓				

 **ROCKY MOUNTAIN GEOCHEMICAL CORP.**
MIDVALE, UT. - RENO, NEV. SPOKANE, WASH. - TUCSON, ARIZ.

SPOKANE, WASH. - TUCSON, ARIZ.

© f

Date 1-24-80Sample **A** 075612LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample C-1 9' R.O.S. ←Type HQ CoreDescription MCD-12 165.7' - 166.5'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

due to intense fracture &
fragmentation1.8' as lagged out in
core box

1-24-80

Sample **A** 057647LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 5.5'Type HQ CoreDescription MCD-5 83.7' - 89.2'

Taken by:

ASSAYED FOR

Mo	Pb	Zn	Au	Ag					

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

©1

Date 7-16-80

Sample A 075611

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 4.0'

Type HQ Core

Description MCD-12 16.7 - 16.7'

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				



ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

© f

Date 5-24-80

Sample A 057645

LOCATION Monte Cristo

SKETCH

Co-ordinate:

Length of Sample 1.3'

Type HQ Core

Description MCD-5 77.1 - 78.4'

gray clay zone

Taken by:

ASSAYED FOR

Cu	Mo	Pb	Zn	Au	Ag				

ROCKY MOUNTAIN GEOCHEMICAL CORP.

MIDVALE, UT.-RENO, NEV. SPOKANE, WASH.-TUCSON, ARIZ.

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