6000 0125 (3800)

BOUNDER

Bounder
Cu Claims

BOUNDER
Cu Claims

6000 0125 (3900)

BOUNDER PROJECT (SE corner Reservation) & CU CLAIMS.

Roll Maps:

1"=1000', Topography and location of workings.

1"=1000', I.P. plan layout and photo geology.

1"=100', geology and plan of mine workings.

Drill Hole information:

DH 41-1 Narrative log.
Graphic log.
Assay and spectographic data.

DH 27-1 Narrative log.
Graphic log.
Assay tabulation. Spectographic work.

DH 26-2 Narrative log.
Graphic log.

graphite!

41-1

6000 0125 (3900)

0 - 10 Alluvium

10 - 50 Rhyolitic to quartz-latitic welded tuff, considerable glass as shards and in groundmass; orthoclase, plagioclase, and quartz phenocrysts; tan to whitish in color.

50 - 100 Dacitic in composition, dense, gray to gray-black in color, with numerous plagioclase phenocrysts; 50% glass, 5% quartz, 25% plagioclase phenocrysts, small ampunt amphiboles.

100 - 230 Same as above; bleached, stained reddish to brown to buff by oxidation of pyrite and/or magnetite; a few scattered grains of pyrite, and a small amount of magnetite; 60% glass, 20% plagioclase, 3-5 % quartz, 5-10% orthclase(?), 1-2% biotite, and 1% amphiboles.

230 - 315 Andesite, gay, pyrite as scattered grains and interstitial; small amount magnetite; 30-50% glass, 20-30% plagioclase, 5-15 % orthoclase(?), 3-5% quartz, 2% biotite, 1% amphibole, and 2-7% pyrite (280-290);

315-380 Same as above but with a reddish color due to oxidation of pyrite and/or magnetite.

380-389 Silicified limestone, schistosed, gray, graphitic

389 - 393 Granodiorite, granitic texture,, highly altered, small amount pyrite along fractures with traces of copper oxides,

393 - 400 Silicified limestone with up to 5% pyrite.

400 - 618 Black graphitic limestone with :

Pyrite		Graphite		Calcite	
3 - 5%	400-435	5 - 15%	400-435	5-10%	400-435
3 - 5%	435-570	5 - 10%	435-475	5-10%	435-510
1 - 3%	570-618	20%	475-485	10-15%	510-535
		10-15%	485-505	5-10%	535-570
		5%	505-510	5-10%	570-618
		10 - 15%	510-535		
		5 - 10%	535-570		
		10%	570-595		
		4 - 7%	595-618		

9 10?

618 - 630 Quartz latitic porphyry, somewhat siliceous, slightly argillized, and with 5-10% pyrite.

630 - 703 Black graphitic limestone with 3-5% pyrite, 5-15% graphite, varying amounts of calcite as fracture fillings,

703 - 709 Siliceous limestone with 1 - 3% pyrite.

709 - 752 Quartz latite porphyry, silicified and chloritized, groundmass aphanitic with 10-20% phenocrysts of orthoclase and plagioclase, some albitization of orthoclase and groundmass, plagioclase is oligocalse, and somewhat sericitized and argillized; with 3-5% biotite, 5-10% amphibole, chlorite, apatite, and zircon, and up to 5% pyrite; pyrite replacing biotite and amphibole, and in veinlets. 1-3% pyrite from 737 70 752.

752.0 - 753.0 Silicified limestone, gray

753.0 - 786.0 Black graphitic limestone, slightly to moderately silicified; less than ½ to 1% pyrite scattered through groundmass and as veinlets; considerable graphite, especially along fractures; considerable chlorite and actinolite along some veinlets and fractures.

Bottom: 4/11/64

In September, 1965, Harvard University and Dr. Rob Roy deepened this hole for temperature measurements per agreement with Martel. Longyear started at 778', disagreeing with Boyles Bros. depth. Boyles Bros. drilled a 4½" hole from 0.0 to 709' and then NX to 786, leaving NX casing in the hole. Longyear put BX casing inside of old NX casing and deepened hole to 936'.

Not proustite probably fungerd Ocpal Flavis

778.0 - 806.5 Same as above, graphite up to 2-5%; several grains sphalerite and proustite at ~~798.0~~; calcite veinlets randonly through section.

806.5 - 868.5 Same as above, but with alternating layers of areanceous material, bedding at 10-15°; random veinlets of calcite; some pyrite associated with pyrite in veinlets; streaks of graphite; sphalerite at 811.5 with calcite and pyrite, and sporadic sphalerite at 826-846'; scattered chalcopyrite at 812.6'.

868.5 - 880.0 Quartz latite, fine grained, slightly to highly silicified; moderately sericitized; chlorite from 5 to 10%; 10-15% argillized; some albite at 874.5; small amount epidote at 868-874'; considerable gypsum in veinlets at 872'; hornblende up to 5% at 874-880'; sporadic sphalerite at 874-880'; traces copper carbonate at 878.5'; trace to noderate amount pyrite.

880.0 - 936.0 Blach graphitic limestone; with numerous crystals hornblende scattered through groundmass; small amount actinolite at 900'; hornblende up to 10%; slightly to moderately silicified; pyrite up to 1% as grains and as veinlets, sometimes associated with calcite; broken and vuggy at 895-897'; up to ¼" pods pyrite at 101.6'.

Bottom: 936 feet.

Pb - Ag
Zn

6000 0125 (3800)

Diamond Drill Log

Mine: Reservation — Sheet 1 of 10 — Scale 1" = 10'

Location: — By: — Au. @

Hole No. 41-1 — Date:

Bearing: — Coordinates of Collar:

Dip: Vertical — N:

Length of Hole: 786 — E:

	ROCK AND ALTERATION	ASSAYS			MINERALIZATION
	Chlo carb arg ser sili	alb orth	Log	Log	pyr graph Qtz
0'				Alluvium	
10'				Rhyolitic to Quartz latitic	
20'					
30'					
40'					
50'				Dacitic	
60'					
70'					
80'					

Form 135-A

PAPPEL MINING COMPANY
~~ARAHO MARYLAND MINES CORPORATION~~

Diamond Drill Log

Mine Reservation

Location

Hole No. 41 - 1

Bearing

Dip Vertical

Length of Hole 786'

Sheet 2 of 10 Scale 1" - 10'

By Au. @

Date

Coordinates of Collar:

N

E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz
80'									Dacite			
90'												
100'												
110'												
120'												
130'												
140'												
50'												
160'												

XXXX

Form 135 A

YOUNG MARYLAND MINES CORPORATION

Diamond Drill Log

Mine Reservation — Sheet 4 of 10 — Scale 1" - 10'

Location — By — Au. @

Hole No. 41-1 — Date

Bearing — Coordinates of Collar:

Dip Vertical — N

Length of Hole 786' — E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
240'	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz
									Andesite			
250'												
260'												
270'												
280'												
290'												
300'												
310'												
320'												

Form 135-A

Diamond Drill Log

Mine Reservation

Sheet 5 of 10 Scale 1" - 10'

Location

By Au. @

Hole No. 41-1

Date

Bearing

Coordinates of Collar:

Dip Vertical

N

Length of Hole 786'

E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz
320'									Andesitic			
330'												
340'												
350'												
360'												
370'												
380'									Sil. LS			
390'									Grano-diorite Black LS			
400'												

Diamond Drill Log

Mine: Reservation — Sheet 6 of 10 — Scale 1" - 10'

Location: — By: — Au. @

Hole No. 41-1 — Date:

Bearing: — Coordinates of Collar:

Dip: Vertical — N:

Length of Hole: 786' — E:

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
400'	chlo	carb	arg	ser	sili	alb	orth	log	Log	pyr	graph	qtz
									Black limestone			
410'												
420'												
430'												
440'												
450'												
460'												
470'												
480'												

Form 135-A

PARCEL MINING COMPANY

Diamond Drill Log

Mine Reservation — Sheet 7 of 10 — Scale 1" - 10'

Location — By — Au. @

Hole No. 41-1 — Date

Bearing — Coordinates of Collar:

Dip Vertical — N

Length of Hole 786' — E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	albi	orth	Log	Log	pyr	graph	qtz
480'									Black limestone			
490'												
500'												
510'												
520'												
530'												
540'												
50'												
560'												

Form 135-A

IDAHO MARYLAND MINES CORPORATION

Diamond Drill Log

Mine Reservation Sheet 8 of 10 Scale 1" - 10'

Location By Au. @

Hole No. 41-1 Date

Bearing Coordinates of Collar:

Dip Vertical N

Length of Hole 786' E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION			
	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz	
560'									Black limestone				
570'													
580'													
590'													
600'													
610'													
620'									Qtz latite porphyry				
[illegible]									Black limestone				
640'													

Form 135-A

MARTEL MINING COMPANY

Diamond Drill Log

Mine Reservation Sheet 9 of 10 Scale 1" - 10'

Location By Au. @

Hole No. 41-1 Date

Bearing Coordinates of Collar:

Dip Vertical N

Length of Hole 786' E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
640'	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz
									Black limestone			
650'												
660'												
670'												
680'												
690'												
700'												
10'									Qtz latite porphyry			
720'												

Form 135-A

MARTEL MINING COMPANY
~~IDAHO MARYLAND MINES CORPORATION~~

Diamond Drill Log

Mine Reservation — Sheet 10 of 10 — Scale 1" - 10'

Location — By — Au. @

Hole No. 41-1 — Date

Bearing — Coordinates of Collar:

Dip Vertical — N

Length of Hole 786' — E

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	log	log	pyr	graph	qtz
720'									30 Ore latile 30 pirophyry 65			
730'												SP
740'												SP
750'												
									Black z limestone			
760'												
770'												
780'												
786'												

6000 0125 (3800)

DRILL LOG

COMPANY NAME Walker Martel Mining Company

MINE Bounder

COORDINATES OF COLLAR:

SHEET 1 OF 1

SCALE 1"=100'

LOCATION 21 miles east of Schurz, Nevada

N

BY EFL &JV

AU. @

HOLE NO. 41-1

E

DATE 9/15/65

BEARING

LENGTH OF HOLE 936 feet

CASING NX casing to 700'(?) BX " " 936'

DIP Vertical

HOLE SIZE 4½" to 709'; NX 709' - 778'; BX 778'- 936'

Boyles Bros. 0 - 778'; Longyear 778' - 936'; Harvard Univ. - See note at bottom.

ACCOMPANIED BY NARRATIVE LOG YES [X] NO

ALTERATION							LOG AND ROCK TYPE						MINERALIZATION						
Chlor.	Carb	Arg	Ser	Sili	Alb	Ortho	LOG	DIP	LOG	ROCK DESCRIPTION	% CORE	REMARKS	Qtz	Py	Graphite	Cu			
0										Qtz-latite tuff									
										Dacite									
100																			
200																			
										Andesite									
300																			
										Unconformity									
400										Limestone									
										Granodiorite					TR.				
										Limestone									
500																			

600

Qtz.-latite porp.
Limestone

700

30
65

Qtz-latite porp.

Limestone

NX Core

55
45

90
55

BX Core

800

100
100
100
100
95
75

55
25
20
45
60
65

Qtz-latite porp. 75
100

35
60

Limestone

900

95
95
100
100
100

30
45

100

Bottom

Hole drilled by Boyles Brothers to 786 feet; NX casing lost in hole and abandoned after recovering approximately 40 feet; hole deepened by Longyear for Harvard University and Dr. Robert Roy in September, 1965, for temperature measurements; BX casing inside of old NX casing, and drilled 778' - 936' with BX; casing left in hole.

6000 0125 (3800)

6000 0125 (3800)

130
03
390

BRANCH LABORATORY: 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE: 61 JORDAN STREET • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

REPORT OF ASSAY

March 3, 1964

Deposited by Robert L. Redmond
1080 Pine Ridge Drive
Reno, Nevada 89502

Sample of Ore

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD Value at $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER Value at	Percentages
					4¢/TON	
4065-1	606R	.02	70¢/TON	.03	290 - 320	
4065-2	607R	.02		.03	320 - 345	
4065-3 345-385	608R	.02		.03	345 - 385	← spectro
						core
4065-4 390-480	609R	.02		.03	390 - 480	← spectro
		DDH #41-1				

ABBOT A. HANKS, INC.
By Charles J. Taylor
Charles J. Taylor

ma

CA-106

6000 0125 (3800)

BRANCH LABORATORY: 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE: 61 JORDAN STREET • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

REPORT OF ASSAY

March 20, 1964

Deposited by R. L. Redmond
1080 Pine Ridge Drive
Reno, Nevada

Sample of Ore DDH-41-1

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, per ton of 2,000 lbs. Value at $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, per ton of 2,000 lbs. Value at	Percentages
4158-1	610	Trace	480-520			
4158-2	611	Nil	520-570			
4158-3	612	Trace	570-620			
4158-4	613	Trace	620-630	Specto.		
4158-5	614	Trace	610-620			
4158-6	615	Trace	630-640			
4158-7	616	Trace	630-659			
4158-8	617	Nil	659-709			
4158-9	618	Trace	709-720			
4158-10	619	Trace	720-730	Specto		
4158-11	620	Nil	730-740			
4158-12	621	Nil	740-753			
4158-13	622	Nil	753-763			
4158-14	623	Nil	780-785			

ma

ABBOT A. HANKS, INC.
By Charles J. Taylor
Charles J. Taylor

CA-106

6000 0125 (3800)

BRANCH LABORATORY: 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE: 10 DE LUCA PLACE • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

LABORATORY REPORT

Lab. No. 4065-3

Date March 3, 1964

Submitted by Robert L. Redmond
1080 Pine Ridge Drive
Reno, Nevada 89502

Sample Mark 608R
345-385
41-1
Andesite

QUALITATIVE SPECTROGRAPHIC ANALYSIS

Metals Found and Estimated Percentage Range

Less than .03%	.03% to .30%	.30% to 3%	3% to 30%	30% to 100%
Vanadium	Sodium	Iron		Silicon
Chromium	Manganese	Aluminum		
Copper	Nickel	Calcium		
Lead		Magnesium		
Zinc		Titanium		
Silver				
Zirconium				

Lateritic Constituents

Remarks

ma

ABBOT A. HANKS, INC.

By Charles J. Taylor
Spectro-Chemist

CA-108

6000 0125 (3800)

BRANCH LABORATORY: 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE: 10 DE LUCA PLACE • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

LABORATORY REPORT

Lab. No. 4065-4

Date March 3, 1964

Submitted by Robert L. Redmond
1080 Pine Ridge Drive
Reno, Nevada 89502

Sample Mark 609R

390-480
41-1

LS + 4' granodiorite

QUALITATIVE SPECTROGRAPHIC ANALYSIS

Metals Found and Estimated Percentage Range

Less than .03%	.03% to .30%	.30% to 3%	3% to 30%	30% to 100%
Nickel	Iron	Aluminum	Calcium	Silicon
Vanadium	Sodium	Magnesium		
Chromium	Potassium			
Copper	Titanium			
Zinc	Manganese			
Silver				
Zirconium				

rks

ma

ABBOT A. HANKS, INC.

By Charles J. Taylor
Charles J. Taylor
Spectro-Chemist

CA-106

6000 0125 (3900)

BRANCH LABORATORY: 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE: 10 DE LUCA PLACE • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

41-1

LABORATORY REPORT

Lab. No. 4158-15 620-630

Date March 20, 1964

Submitted by R. L. Redmond
1080 Pine Ridge Drive
Reno, Nevada

Sample Mark Ore

QUALITATIVE SPECTROGRAPHIC ANALYSIS

Metals Found and Estimated Percentage Range

Less than .03%	.03% to .30%	.30% to 3%	3% to 30%	30% to 100%
Potassium	Iron	Aluminum	Calcium	Silicon
Nickel	Titanium	Sodium	Magnesium	
Chromium	Manganese			
Copper				
Zinc				
Silver				
Zirconium				

rks

ma

ABBOT A. HANKS, INC.

By Charles J. Taylor
Spectro-Chemist

CA-108

6000 0125 (3800)

BRANCH LABORATORY: 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE: 10 DE LUCA PLACE • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.

ESTABLISHED 1866

1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

41-1

LABORATORY REPORT

Lab. No. 4158-16 709 - 753

Date March 20, 1964

Submitted by R. L. Redmond
1080 Pine Ridge Drive
Reno, Nevada

Sample Mark Ore

QUALITATIVE SPECTROGRAPHIC ANALYSIS

Metals Found and Estimated Percentage Range

Less than .03%	.03% to .30%	.30% to 3%	3% to 30%	30% to 100%
Potassium	Manganese	Iron		Silicon
Nickel	Copper	Aluminum		
Chromium		Calcium		
Zinc		Magnesium		
Silver		Sodium		
Zirconium		Titanium		

ks

ma

ABBOT A. HANKS, INC.

By Charles J. Taylor
Spectro-Chemist

CA-108

6000 0125 (3803)

Bounder 27-1

CONDENSED DRILL LOG

0 - 69	Gray limestone, partially dolomitic, partially silicified, with occasional pyrite and graphite.
69 - 72	Quartz latite porphyry, aphanitic, highly altered.
72 - 180	Gray limestone, partially dolomitic, and partially silicified.
180 - 415	Black graphitic limestone, with 5-15% graphite, less than 1% pyrite at 180-315, ½-1% pyrite at 315-380, and 1-2% pyrite at 380-415.
415 - 425	Quartz latitic porphyry dike, with 2-3%pyrite, highly argillized.
425 - 707	Black graphitic limestone, with 5-15% graphite, and up to ½% pyrite.
707 - 711	Quartz latitic porphyry, argillized
711 - 833	Black graphitic limestone, with 5-10% graphite and less than ½% pyrite.
833 - 852	Quartz-latitic porphyry, with less than ½% pyrite, and 20-30% clay
852 - 860	Black graphitic limestone with Trace pyrite and 5% graphite.
860 - 865	Quartz latitic porphyry, same as above
865 - 952	Black graphitic limestone with trace pyrite and 5 % graphite.
952— 975	Quartz latite porphyry, ½% pyrite
975 - 977	Black graphitic limestone, partially silicified.
977 -1002	Quartz latite porphyry, argillized and slightly sericitized. ½% pyrite
1002 - 1042	Black graphitic limestone with less than ½% pyrite, and 5-10% graphite
1042 - 1057	Quartz latitic porphyry, same as above, highly sericitized
1057 - 1065	Black graphitic limestone, partially silicified.
1065 - 1095	Quartz latitic porphyry, moderately argillized.
1095 - 1105	Black graphitic limestone with approximately ½% pyrite.
1105 - 1112	Quartz latitic porphyry, trace of pyrite.

6000 0125 (3800)

Mine Reservation Location Bounder Hole 27-1 Sheet 1 of 13

Vertical 1" = 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	log	pyr	graph	qtz
0'									Gray LS			
10'												
20'												
30'												
40'												
50'												
60'												
70'									Qtz - latite porphyry Gray LS			
80'												
90'												

FORM 138-B

Mine Reservation Location Bouner Hole 27-1 Sheet 2 of 13

Vertical 1" -10'

ROCK AND ALTERATION					ASSAYS				MINERALIZATION			
chlo	carb	arg	ser	sili	alb	orth	Log	log	pyr	graph	qtz	
90'								Gr-Aff Ls				
00'												
10'												
20'												
30'												
40'												
50												
60												
0												

Mine Reservation Location Bounder Hole 27-1 Sheet 3 of 13

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS					MINERALIZATION			
	chlo	carb	arg	ser	sili	alb	orth	Log		log	pyr	graph	qtz	
180									Black Lv					
190														
200														
210														
220														
230														
240														
250														
0														
270														

FORM 188-B

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION			
	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz	
270									Black Is				
280													
290													
300													
310													
320													
330													
340													
350													
360													

FORM 135-B

Mine Reservation Location Bounder Hole 27-1 Sheet 5 of 13

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS					MINERALIZATION				
	chlo	carb	arg	ser	sili	alb	prth	Log		Log	pyr	graph	qtz		
360									Black LS						
370															
380															
390															
400															
410															
									Qtz latite Porphyry						
420															
									Black LS						
430															
440															
450															

FORM 136-B

Mine Reservation Location Bounder Hole 27-1 Sheet 6 of 13

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS					MINERALIZATION			
	chlo	carb	arg	ser	sili	alb	orth	Log		log	pyr	graph	qtz	
450									Black Zs					
460														
470														
480														
490														
500														
510														
520														
530														
540														

FORM 138-B

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS					MINERALIZATION				
	chlo	carb	arg	ser	sili	alb	orth	Log		log	pyr	graph	qtz		
540									Black Ls						
550															
560															
570															
580															
590															
600															
610															
620															
630															

FORM 136-B

Mine Reservation Location Bounder Hole 27-1 Sheet 8 of 13

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz
630									Black Ls			
640												
650												
660												
670												
680												
690												
700												
10									Qtz Intite Perp.			
720												

FORM 135-B

Mine Reservation Location Bounder Hole 27-1 Sheet 9 of 13

Verytical 1" = 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	Log	pyr	graph	qtz
720									BLACK LS			
730												
740												
750												
760												
770												
780												
790												
00												
810												

FORM 188-B

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	log	pyr	graph	qtz
810									Black LS			
820												
830									Qtz latite porphyry			
840												
850									Black LS			
860									Qtz latite porphyry			
									Black LS			
870												
880												
890												
900												

FORM 138-B

Mine Reservation Location Boundor Hole 27-1 Sheet 11 of 13

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS					MINERALIZATION			
	chlo	carb	arg	ser	sili	alb	orth	Log		log	pyr	graph	qtz	
900									Black Ls					
910														
920														
930														
940														
950									Qtz latite porphyry					
960														
970														
980									Black Ls Qtz latite porphyry					
990														

FORM 130-B

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	log	pyr	graph	qtz
990									Qtz latite porphyry			
1000									Black Ls			
1010												
1020												
1030												
1040									Qtz latite porphyry			
1050												
1060									Black Ls			
									Qtz latite porphyry			
1070												
1080												

FORM 135-B

Mine Reservation Location Bounder Hole 27-1 Sheet 13 of 13

Vertical 1" - 10'

	ROCK AND ALTERATION					ASSAYS				MINERALIZATION		
	chlo	carb	arg	ser	sili	alb	orth	Log	log	pyr	graph	qtz
1080									Qtz latite porphyry			
1090												
									Black LS			
1100												
									Qtz latite porphyry			
1110												
1112												

FORM 135-D

6000 0125 (3800)

The following intervals in Drill Hole 27-1 have been assayed and the results are listed below:

Sample No.	Depth	Interval	Au	Ag	Cu
625R	425-465	40'	nil		
626R	465-500	35'	nil		
627R	500-550	50'	nil		
628R	550-595	45'	nil		
629R	595-650	55'	tr.		
624R	625-635	10'	nil	nil	.01 (Spectrograph only)
630R	650-700	50'	nil		
631R	700-750	50'	nil		
632R	750-800	50'	.0001		
633R	800-835	35'	nil		
634R	835-900	65'	nil		
635R	900-950	50'	--		
636R	950-1000	50'	nil		
637R	1000-1050	50'	.002		
638R	1050-1100	50'	tr.		

6000 0125 (3800)

BRANCH LABORATORY 1086 MARTIN AVENUE • SANTA CLARA • CHERRY 8-5262
BRANCH OFFICE 61 JORDAN STREET • SAN RAFAEL • GLENWOOD 4-8650

CABLE: HANX

ABBOT A. HANKS, INC.
ESTABLISHED 1866
1300 SANSOME STREET • SAN FRANCISCO 11, CALIFORNIA • EXBROOK 7-2464

Engineers
Assayers
Chemists
Metallurgists
Spectrographers
Soils and Foundations
Consulting · Testing · Inspecting

REPORT OF ASSAY

March 27, 1964

Deposited by Robert L. Redmond
1080 Pine Ridge Drive
Reno, Nevada 89502

DDH 27-1
625-635

Sample of Fine Ore

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, per ton of 2,000 lbs. Value at $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, per ton of 2,000 lbs. Value at	Percentages
4178	624-R	Nil		Nil		Copper 0.01

27-1
Depth 625-635

ma

ABBOT A. HANKS, INC.

Charles J. Taylor

Charles J. Taylor

WALKER RIVER PAIUTE RESERVATION

Bounder 20-2

6000 0125 (3800)

Walker Martel Mining Company

Rotary: 0.0 - 350.0'

Bottom: 350 feet

Vertical

0.0 - 20.0	No sample- cased.
20.0 - 180.0	Quartz-latite tuff, with numerous small phenocrysts of plagioclase, 5-10 % quartz, orthoclase, 1-3% biotite, small amounts amphiboles, less than ½% magnetite, 15-20% glass.
180.0 - 185.0	Same as above, but coarser grained.
185.0 - 230.0	Same as above but with more clay; approximately 1% magnetite at 195-230'.
230 .0 - 280.0	Dacite(?), gray in color.
280.0 - 330.0	Same as above; highly altered; pinkish in color; considerable magnetite, up to 2-5% magnetite, with ½-1% unaltered.
330.0 - 350.0	Same as above, but argillized and chloritized; greenish in color; approximately 1% magnetite.

6000 0125 (3800) 26

DRILL LOG

COMPANY NAME Martel Mining Company

MINE

COORDINATES OF COLLAR:

SHEET 1 OF 1

SCALE 1" = 100'

LOCATION 3 miles southwest of Dead Horse Well

N

BY EFL

AU.

HOLE NO. 26-2

E

DATE 1964

BEARING

LENGTH OF HOLE 350 feet

CASING No

DIP Vertical

HOLE SIZE Rotary: $4\frac{1}{2}$"

Boyles Bros. Drilling Co.

ACCOMPANIED BY NARRATIVE LOG YES [X]

ALTERATION							LOG AND ROCK TYPE						MINERALIZATION					
							LOG	DIP	LOG	ROCK DESCRIPTION	% CORE	REMARKS						
0										No sample								
										Qtz-latite tuff								
100																		
200																		
										Dacite (?)								
300																		

Bottom: 350 feet

6000 0125 (3800)

27.

DRILL LOG

COMPANY NAME Martel Mining Company

MINE Bounder | COORDINATES OF COLLAR: | SHEET 1 OF 1 | SCALE 1" = 100'

LOCATION 3 miles southwest of Dead Horse Well | N | BY EFL | AU. #

HOLE NO. 27-1 | E | DATE 1964

BEARING | LENGTH OF HOLE 1112 feet | CASING No

DIP Vertical | HOLE SIZE 4½" Rotary

Boyles Bros. Drilling Co. | ACCOMPANIED BY NARRATIVE LOG YES [X]

ALTERATION							LOG AND ROCK TYPE						MINERALIZATION					
							LOG	DIP	LOG	ROCK DESCRIPTION	% CORE	REMARKS						
0										Grey limestone								
										Quartz latite porphyry								
100										Grey limestone								
200										Black graphitic limestone								
300																		
400																		
										Quartz latite porphyry								
										Black graphitic limestone								
500																		
600																		
700										Quartz latite porphyry								
										Black graphitic limestone								
800																		
										Quartz latite porphyry								
										Black graphitic limestone								
										Quartz latite porphyry								
900										Black graphitic limestone								
										Quartz latite porphyry								
										Black graphitic limestone								
										Quartz latite porphyry								
1000										Black graphitic limestone								
										Quartz latitic porphyry								
										Black graphitic limestone								
										Quartz latitic porphyry								
1100										Black graphitic limestone								
										Quartz latitic porphyry								

Bottom: 1112 feet