4390 0086

(83)
Item 2

648 vertical
574' horizontal

N = AJV #1

D.D. HOLE# LC #1 PROJECT Los Compadres, Silver Peak, Nevada PAGE 1 OF 6

Loc. Silver Peak, Nevada BEARING N 40° W INCL. -60° T.DEPTH 748'

Esmeralda County COLLAR ELEV 6950' BOT.ELEV. 6315'

Coord 9,380 N, 5,280 E CORE SIZE BXWL DRILLED BY Core Test (A J V)

DATE START May 10, 1969 COMPL. June 13, 1969 LOGGED BY Stalker

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	0	8	8	0	0-8' Alluvium
	8	11	3		8-30 Light Gray massive andesite breccia.
	11	12	1	70	Fragments to 2". Weak Fe stain.
	12	17	5	100	Fragments are mostly bleached and
	17	20	3	67	silicified. A few show flow banding
	20	23	3	100	20 Some are vesicular. rock is strongly
	23	27	4		leached. some argillic fragments (due to weathering)
	27	30	3	67	30-48 Alluvium
	30	48	18	0	40
	48	52	4	100	48-97 Andesite Breccia
	52	53	1	50	
	53	58	5	96	
	58	63	5	100	59 Weak fracturing at 60°
	63	68	5	100	60
	68	73	5	100	65 Black fragments contain minor magnetite
	73	78	5	92	
	78	83	5	100	80
	83	88	5	100	84-97 Rock is bleached - soft
	88	93	5	100	Weak fracturing 86-87 with weak Mn Ox
	93	97	4	62	
	97	99.4	2.4	100	97-115 Coarse grained monzonite porphyry.
	99.4	104	4.6	100	Orthoclase zones at 40°. Minute qtz.
	104	106	2.0	100	100 veinlets associated 6" andesite breccia at 101 Lower contact at 70°. Chlorite
	104	110	4.0	100	occurs along some fract (very few fract).
	110	113	3.0	100	109 Very thin calcite veinlet cuts ortho-
	113	118	5.0	96	clase seam.
	118	123	5.0	100	115-122.5 Basalt dike-dark green 20 black,
	123	128	5.0	100	120 upper contact at 40°, very weak calcite
	128	133	5.0	100	veining. Small pieces of orthoclase in basalt at upper contact. Very few fract.
					122.5-153.5 Andesite breccia
	133	138	5.0	100	131-133 Soft, bleached
	138	143	5.0	100	140

D.D. HOLE # LC #1 PROJECT Los Compadres, Silver Peak, Nevada PAGE 2 OF 6

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	143	148	5	100	
	148	153	5	100	150
	153	158	5	100	153.5-184 Andesite porphyry, massive, dark green with white plagioclase phenocrysts to 1/4" very weak calcite veining and fracturing, HB phenocrysts (small)
	163	165	2	100	
	165	166	1	100	
	166	171	5	100	
	171	176	5	100	170
	176	181	5	100	
	181	186	5	100	184 Lower contact of porphyry at 60°
	186	188	2	100	185 1/2" Gouge and thin calcite veinlets with very fine grained pyrite.
	188	193	5	100	184 Andesite breccia 190
	193	198	5	100	
	198	203	5	100	
	203	208	5	100	207 Breccia is darker green, fragments are smaller, widely spaced calcite veinlets. 210
	208	213	5	100	
	213	218	5	100	
	218	223	5	100	
	223	228	5	100	
	228	233	5	100	230
	233	238	5	100	
	238	241.5	3.5	100	
	241.5	246	4.5	100	
	246	248	2.0	100	
	248	253	5.0	100	250
	253	258	5.0	100	
	258	263	5.0	100	
	263	266	3.0	100	
	266	271.2	5.2	100	270
	271.2	273.4	2.2	100	
	273.4	278.7	5.3	100	
	278.7	283	4.3	100	
	283	288	5.0	100	290

D.D. HOLE# LC #1 PROJECT Los Compadres, Silver Peak, Nevada PAGE 3 OF 6

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

COLLAR ELEV. _____ BOT.ELEV. _____

CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	288	293	5	100	290
	293	298	5	100	291 Breccia fragments are up to 3"
	298	303	5	100	
	303	308	5	100	
	308	313	5	100	312.5 2" Broken, crushed zone
	313	316	3	100	
	316	321.2	5.2	100	321 Fracturing increases
	321.2	326	4.8	84	325 Strong fracturing, weak amounts of fine grained, disseminated pyrite.
	326	327	1.0	50	
	327	328	1.0	20	330
	328	330.8	2.8	75	333-344 Short (to 1") crushed, gouge zones.
	330.8	334.3	3.5	100	
	334.3	337.0	2.7	100	
	337	341	4.0	100	344 2-3" Fault gouge with fine grained pyrite
	341	344	3.0	33	345-353 Andesite breccia is fresher dark gray
	344	349	5.0	100	350
	349	353	4.0	100	353 Andesite breccia-green (altered) with very fine grains of disseminated pyrite -along fract., in gouge
	353	358	5.0	100	
	358	363	5.0	100	
	363	364.5	1.5	100	363-365 Strong fault zone, gouge. Veining still very weak, but fracturing is strong locally
	364.5	369.8	5.3	100	
	369.8	373.5	3.7	100	370
	373.5	378.6	5.1	100	371-373.5 Well cemented breccia
	378.6	383	4.4	100	
	383	388.2	5.2	100	
	388.2	389	.8	100	
	389	393	4.0	100	
					390
	393	398	5.0	100	398 Well cemented breccias continue Cemented with pulverized andesite and calcite. Pyrite occurs throughout the rock.
	398	403	5.0	100	
	403	408	5.0	100	
	408	413	5.0	100	410
	413	418	5.0	100	
	418	423	5.0	100	419 2" Breccia zone at 35° (calcite cement) shattering of rock continues to 442
	423	428.1	5.1	100	
	428.1	433	4.9	100	430

D.D. HOLE# LC #1 PROJECT Los Compadres, Silver Peak, Nevada PAGE 4 OF 6

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	433	438	5	100	
	438	439	1	70	435-439 Altered-contact with shattered rock above at 50°, no pheno or breccia frag.
	439	443	4	100	
	443	448	5	100	441-442 Clay, chlorite, due to alteration
	448	453	5.2	100	450 448-728 Altered andesite is porphyritic white plag. pheno
	453	458.2	5.2	100	
	458.2	463	4.8	90	461 Chloritized fractures, slickensided, at 35°.
	463	467.7	4.7	100	465-465.7 Fault gouge
	467.7	472.7	5.0	100	470
	472.7	477.8	5.1	100	Pyrite grains still present
	477.8	483	5.2	100	479 Calcite veinlets at 35° Pyrite content lessens, faulting and fracturing weaken below
	483	488	5.0	100	
	488	493	5.0	100	490
	493	498	5.0	100	
	498	503	5.0	100	500-508 Chlorite alteration increases. Diss grains and along fractures (chlorite replacing plag.)
	503	507.8	4.8	100	Calcite veins are still weak (and
	507.8	513	5.2	100	510 less than 1/4") Some plag. still visible
	513	518	5.0	100	
	518	523	5.0	100	523-534 Rock is purple (Basalt?) with scattered bleb of calcite
	523	528	5.0	100	
	528	533	5.0	100	530 Chlorite? (green) clay zones throughout the rock, lower contact not sharp is probably alteration feature
	533	536.5	3.5	100	
	536.5	541.5	3.5	100	534 Dark green andesite (mostly chlorite)
	541.5	546.5	5.0	100	Chlorite grains as phenos, some plag.
	546.5	551.5	5.0	100	phenos present but are usually indistinct.
	551.5	552	5	100	550 Trace diss. py, Calcite fills small fractures Small fractures are numerous.
	552	557	5.0	100	
	557	562	5.0	100	
	562	567.2	5.0	100	570
	567.2	571.4	4.2	100	

D.D. HOLE # LC #1 PROJECT Los Compadres, Silver Peak, Nevada PAGE 5 OF 6

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

COLLAR ELEV. _____ BOT.ELEV. _____

CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	571.4	576.6	5.2	100	
	576.6	580.6	4.0	100	
	580.6	585.6	5.0	100	587 Andesite is lighter green (less chlorite). Calcite filled fract are moderate. Trace of Pyrite. Phenocrysts destroyed and indistinct.
	585.6	590.6	5.0	100	590
	590.6	595.8	5.2	100	
	595.8	600.9	5.1	100	
	600.9	606	5.1	100	601 Broken Zone
	606	611.2	5.2	100	601-616 Dark gray, dense, very fine grained zone. contacts are gradual.
	611.2	616.2	5.0	100	610
	616.2	618.2	2.0	100	
	618.2	623	4.8	100	616 Green (light) Andesite with calcite filled fract, etc.
	623	628.7	5.7?	100	621-629 Dark dense rock (alteration)
	628.7	633	4.3	100	630
	633	638	5.0	100	637-654 Qtz-calcite veins to 3". Contact at 40°. Veins predom. Calcite. Secondary veinlets, near vertical to long axis of core.
	638	643	5.0	100	
	643	645	2.0	100	
	645	650	5.0	100	
	650	654	4.0	100	650
	654	655	1.0	60	
	655	658	3.0	84	660 Epidote on 30° Fract.
	658	663	5.0	100	Chlorite phenocrysts to 669
	668	672	4.0	100	Still trace of pyrite
	672	677	5.0	100	670
	677	682	5.0	40	
	682	687	5.0	100	687 Increase in qtz.-calcite veining
5436	687	692	5.0	100	690 - Top of min. vein at 55°
5437	692	697	5.0	100	691 4" qtz-cal vein-mineralized with pyrite sphalerite (yellow) argentite. most of mineralization in 2" zone.
	697	701	4.0	100	
	701	704.5	3.5	100	
	704.5	709.7	5.2	100	695 Bottom of veining & fract. filling. Strongest veining at 50-60°
	691.0	691.3	0.3		710
	691.3	692.0			0.005 oz Au, 2.0 oz Ag, 6.6 % Pb, 7.9 % Zn

D.D. HOLE# LC #1 PROJECT Los Compadres, Silver Peak, Nevada PAGE 6 OF 6

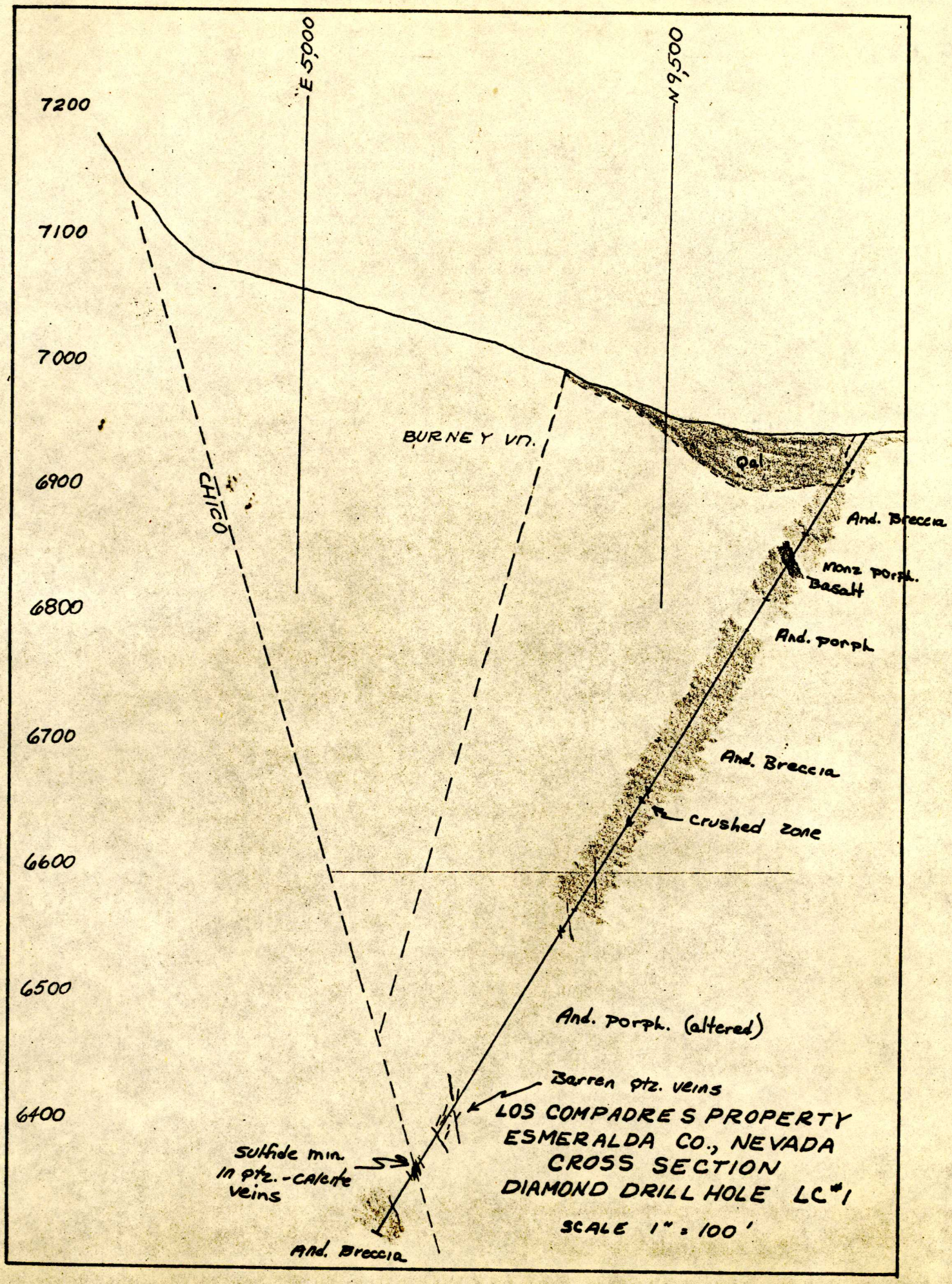
LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	709.8	715	5.2	100	715-721 Andesite is darker gray
	715	720	5.0	100	Trace of pyrite to 728
	720	723	3.0	100	
	723	728.2	5.2	100	728.5-748 Andesite breccia-contact at 35°,
	728.2	733	4.8	100	730 Unaltered.
	733	738.2	5.2	100	
	738.2	743	4.8	100	
	743	748	5.0	100	748 Bottom of Hole
					750


E 5000
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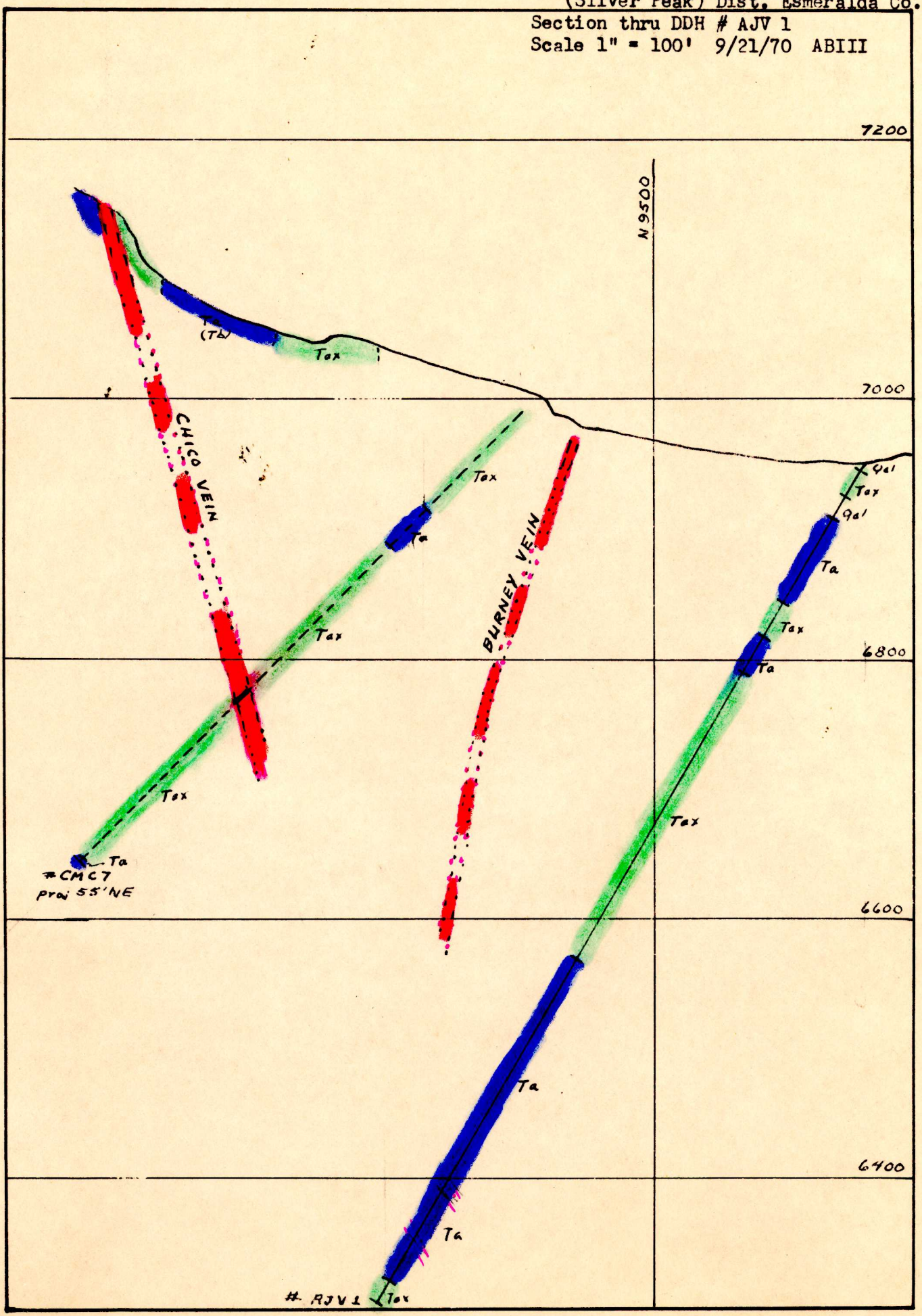
6700
6600
6500
6400
BURNEY VN.
CHICO
Qal
And. Breccia
Monz porph.
Basalt
And. porph
And. Breccia
Crushed zone
And. porph. (altered)
Barren qtz. veins
Sulfide min. in qtz.-calcite veins
And. Breccia
LOS COMPADRES PROPERTY
ESMERALDA CO., NEVADA
CROSS SECTION
DIAMOND DRILL HOLE LC#1
SCALE 1" = 100'

Drawing No. PGE 91
Los Compadres Property, Red Mt.
(Silver Peak) Dist. Esmeralda Co., Nev.
Section thru DDH # AJV 1
Scale 1" = 100' 9/21/70 ABIII



(83) Item 2

533' vertical
498' horizontal

= AJV 2

D.D. HOLE# LC 2 PROJECT Los Compadres PAGE 1 OF 5

Loc. Los Compadres Claim Group BEARING N 40° W INCL. -50° T.DEPTH 774.5

Silver Peak Mining District, Nev. COLLAR ELEV. 6925 BOT.ELEV. 6330

Coord. ~~9,415N~~ 9,390N 5,470E CORE SIZE BX-WL DRILLED BY Robert Shannon

DATE START October 30, 1969 COMPL. December 17, 1969 LOGGED BY Wallace McGregor

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	0.0	5.0	5.0		Alluvium
	5.0	11.2	6.2		Light gray massive andesite breccia. Fragments up to 1½" diameter. Minor Fe staining. Rock is bleached due to weathering. @ 5.2' open fracture @ 50° to core axis ¼" wide. Drusy quartz filled. @ 10.6' fracture @ 50° 1/8" wide. Drusy quartz filled Fe stain.
	11.2	67.5	56.3		Andesite breccia fragments size up to 3" diameter. Some fragments visicular and show flow banding. @ 17.7' to 25.3' Breccia particles less than 3/4". irregular fractures are Fe stained. @ 28.2' 1/8" wide quartz veinlet @ 50°. @ @ 31.3' Fracture @ 25° Fe stained. @ 31.6' Fracture @ 70° Fe stained.
					@ 32.9' Fracture @ 30° Fe stained. @ 35.4 Fracture @ 25° Fe stained. @ 39.3' Quartz-calcite vein up to ¼" wide @ 25° quartz as drusy vein filling. @ 60.7' Fracture @ 25° ¼" wide quartz-calcite filled. @ 61.2' Fracture @ 35° quqrtz filled irregular less than 1/8" wide. @ 65.1' to 65.3' argillic alteration with crushed zone.
					Breccia particles bleached.
	67.5	71.5	4.0		Andesite breccia cementing material is gray-green. Breccia particles are generally minus ¼" range. Largest pieces are bleached. Core is vuggy. @69.3' 1/8" wide drusy quartz filled vein @ 40°.
	71.5	79.2	7.7		Fe staining. Particle size of breccia generally greater. Irregular fracturing is Fe stained.
					@ 77.3' drusy quartz cemented veinlet 1/8" @ 25°.
	79.2	87.8	8.6		Gradational change to andesite porphyry. Andesite breccia contains increasing quantity of porphyry particles and porphyry pieces become larger and more predominate. Porphyry is light gray colored containing white altered phenocrysts of plagioclase.
	87.8	163.7	75.9		Andesite porphyry light gray colored with greenish cast. Contains magnetite as accessory mineral. Plagioclase phenocrysts argillicly altered. Quartz phen. less than 5% Biotite altered to chlorite.

D.D. HOLE # LC 2 PROJECT Los Compadres PAGE 2 OF 5

LOC. BEARING INCL. T.DEPTH

COLLAR ELEV. BOT.ELEV.

CORE SIZE DRILLED BY

DATE START COMPL. LOGGED BY

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	163.7	174.6	10.9		Andesite porphyry to andesite breccia contact @ 45°. Andesite breccia is composed of bleached breccia particles some of which contain fine pyrite. Groundmass is gray chloriti with minor magnetite and fine pyrite. Particle sizes are generally less than ¼" but vary up to 2" in length. @ 168.11' to 69.9' gouge zone. Intense argillation of the breccia.
	174.6	180.9	6.3		Transition zone to andesite porphyry. Dense gray-green groundmass cements porphyry particles. @ 180.0' to 180.5' vein @ 25° cemented with irregular calcite stringers. Disseminated pyrite in wall of vein.
	180.9	185.5	4.6		Andesite porphyry dense gray-green groundmass with altered plagioclase phenocrysts magnetite as accessory mineral. Rock shows fracturing with recementing by gray aphanitic groundmass. @ 183.8' ¼" veinlet cemented with drusy quartz @ 55°. @ 184.1', 184.4', 184.8', 184.10', 185.00' fine calcite cemented fractures @ 40° to 50°.
	185.5	210.7	25.2		Contact of andesite porphyry with andesite breccia containing porphyry particles. Generally breccia particles are fine being less than ¼" although section contains blocks of andesite porphyry as much as 5" along core. Magnetite up to 5%. @ 186.4', 186.8', 188.3' fine fractures up to 1/8" thick @ 45° to 55° cemented with calcite. @ 190.0' ¼" to ½" calcite vein at 15°. Less than 1% pyrite in andesite along calcite vein. @ 192.9' calcite vein 1/8" @ 45°. @ 193.3', 1/4" calcite vein @ 45°. @ 195.0', 195.4' ¼" calcite veins @ 85° to 45°. Andesite breccia from approximately 195.0' down shows increased intensity of chloritization. @ 197.6' Cherty quartz zone ½" wide containing disseminate pyrite cuts core @ 15°. It in turn is cut by calcite vei @ 35°. @ 220.3' quartz vein ¼" wide @ 20° contains pyrite xls. in blebs. Light dissemination of fine pyrite in wall rock. Deminishes to trace within ½ ft. @ 210.7' calcite vein @ 45° ¼" wide.

LC2

D.D. HOLE #

D.D. HOLE # LC 2 PROJECT Los Compadres PAGE 3 OF 5

Loc. BEARING INCL. T.DEPTH

COLLAR ELEV. BOT.ELEV.

CORE SIZE DRILLED BY

DATE START COMPL. LOGGED BY

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	210.7	265.1	54.4		Breccia is bleached to light gray. Appearance is that of speckled green, blue, purple and white. Fragments within groundmass of light gray-green.
	265.1	317.0	51.9		Breccia bleaching lessens and character of breccia changes to a groundmass of fine fragments cemented with dark green chloretic groundmass. Larger fragments aphanitic. Traces of fine disseminated pyrite throughout.
	317.0	368.0	51.0		Fragments of bleached andesite porphyry increase in size to about ½" ranging up to 2" diameter. @ 327.5 contact with highly chloritized andesite porphyry at 20°. Lower contact at 329' @ 30°. @ 345.5' - 346.7' Groundmass darker gray appearing. @ 349.4' - 350.3' Argillic zone containing finely disseminated pyrite upper contact approximately 40°. Lower contact unknown.
					@ 358.2 - 359.0' Argillic zone similar to zone just described. Contact nondescript.
	368.0	373.0	5.0		Finer fragment section of breccia contains fragments of orthoclase.
	373.0	389.9	16.9		Andesite breccia as described from 317.0' - 368.0'.
	389.9	391.7	1.8		Vein material somewhat vuggy. Contains disseminated pyrite as disseminations in siliceous vein material. No other sulfides identified. Upper contact is irregular.
	391.7	392.0	0.3		Andesite breccia
	392.0	392.3	0.3		Vein material as described above.
	392.3	396.6	4.3		Vuggy andesite breccia. Vugs are calcite filled % of open space varies however. Overall would be less than 5%.
	396.6	397.2	0.6		Andesite breccia
	397.2	398.7	1.5		Bleached zone. Minor pyrite.
	398.7	399.6	0.9		Silicified breccia. Some voids. Drusy quartz and calcite lined.
	399.6	400.3	0.7		Decreasing silification of breccia grading to a dense fine grained chloretic andesite containing 1 to 3% pyrite as disseminations and veins. Veins are random in strike and dip generally filling irregular fractures.

D.D. HOLE # ~~10~~ 4 PROJECT Los Compadres PAGE 4 OF 5

LOC. BEARING INCL. T.DEPTH

COLLAR ELEV. BOT.ELEV.

CORE SIZE DRILLED BY

DATE START COMPL. LOGGED BY

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	400.3	428.0	27.7		Fractured fine-grained andesite intensely chloritized containing disseminations and veinlets of pyrite. Fragments are somewhat rotated and are cemented in part by calcite as well as pyrite.
	428.0	435.3	7.3		Breccia containing fine-grained andesite fragments.
	435.3	544.0	108.7		Fractured fine-grained green colored chloritized andesite. ~~Pyrite less than 1% as disseminations and veinlets.~~ Varies up to 3% for several inches. @ 473.10' - 475.6' Gouge zone. @ 505.1 ' - 508.3' Gouge zone. @ 540.8' Grades into porphyritic andesite with same dense green groundmass.
	544.0	544.3	0.3		Gouge zone grades into a purple andesite.
	544.3	556.0	11.7		~~Less altered section of the andesite (rhyolite?).~~ Chlorite fills interstices of the fragments. Pyrite dissemination less than 1%.
	556.0	562.0	6.0		Fragments of purple and green chloritized andesite grade down hole to fine-grained dark green andesite.
	562.0	607.3	45.3		Dark green dense andesite chloritized fractured and recemented with calcite. Pyrite occurs with the calcite filling.
	607.3	608.5	1.2		Dense fine-grained basalt dike. Contact is brecciated. Irregular. Approximately 80°.
	608.5	612.6	4.1		Below contact is dense andesite. Green colored somewhat porphyritic.
	612.6	625.0	12.4		Dark fine-grained green colored andesite. Fractured with some rotations of fragments cemented with calcite.
	625.0	646.0	21.0		Light purple variety of andesite.
	646.0	680.5	34.5		Dark dense andesite. Minor calcite veins filling the fractures. Chloritized. @ 678.7' - 678.11' 3" calcite vein @ 35°. Vuggy but showing no mineralization.
	680.5	685.3	4.8		Andesite breccia. Light gray colored fragments vary up to 2" in diameter. ~~Bleached. Fine-grained dense andesit~~ Green colored. Calcite cementing of fractures along fine plains predominate fracture @ 50° Also irregular fractur fillings.

D.D. HOLE# LC 2 PROJECT Los Compadres PAGE 5 OF 5

LOC. BEARING INCL. T.DEPTH

COLLAR ELEV. BOT.ELEV.

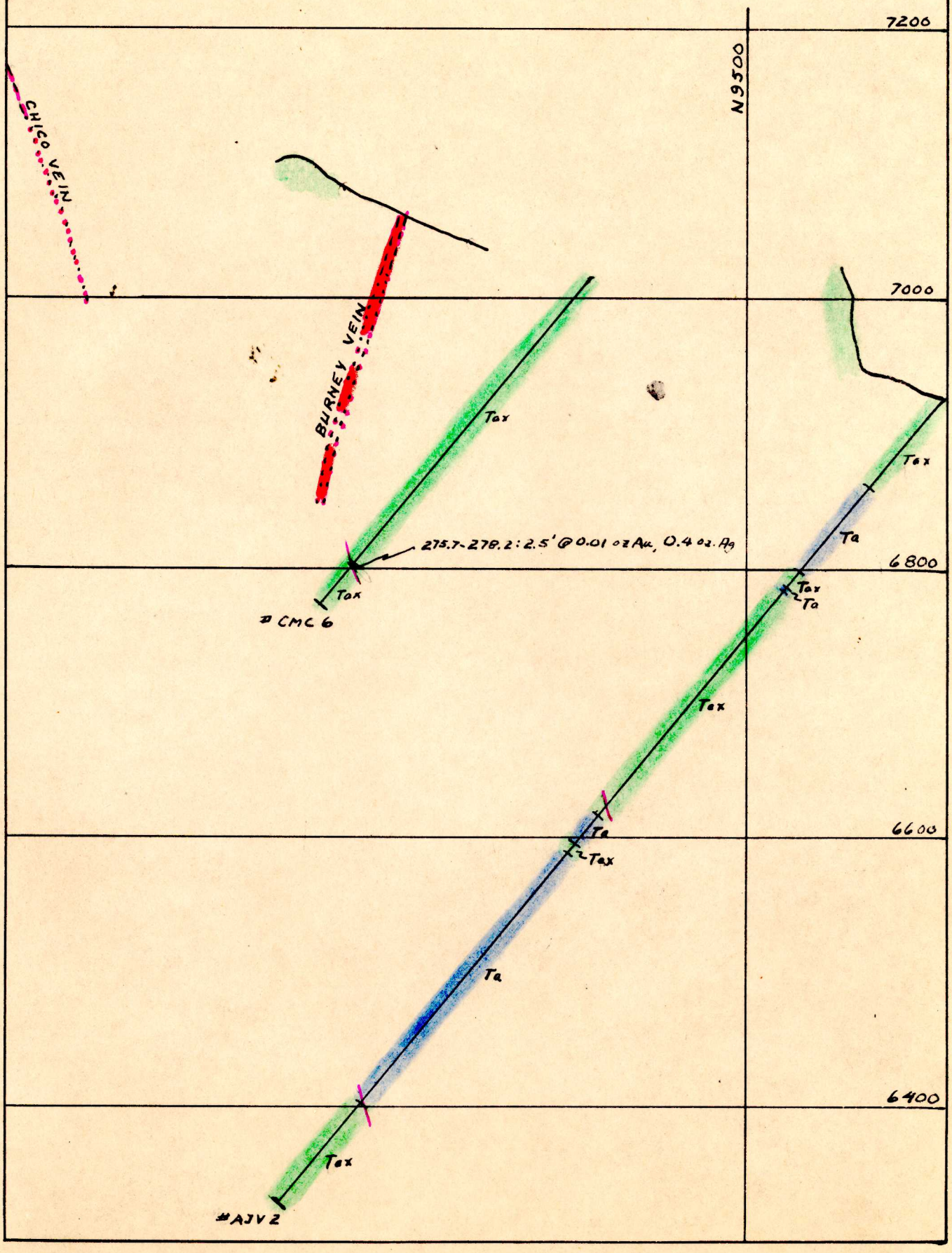
CORE SIZE DRILLED BY

DATE START COMPL. LOGGED BY

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	685.3	774.5	89.2		Andesite breccia. Dark gray colored groundmass. Fragments are tuff with flow banding structure and white altered andesite. Minor. Pyrite or chalcopyrite dissemina in tuff, less than ½ of 1%. Fragments of basalt as breccia particles. @ 700.0' 2" irregular mass of silicious material. Tuff showing flow banding.
					@ 722.3' - 724.2' is fine-grained dark green portion of breccia. @ 730.4' - 730.8' Fractures @ 25° to 35°. @ 730.8' - 774.5' Fragments are predominately tuffaceous. Irregular in form. @ 739.0' - 741.6' Calcite vein coarsley crystalline up to 1" wide. Parallels core. No mineralization.
	End of Hole				

D.D. HOLE#

Drawing No. PGE 92
Los Compadres Property, Red Mt.
(Silver Peak) Dist., Esmeralda Co., Nev.
Section thru DDH # AJV 2
Scale 1" = 100' 9/21/70 ABIII



(83)

Item 2

D.D. HOLE# LC # 3 = AJV # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 1 OF 8

HOR 700.0' VERT 528.6'

Loc. Los Compadres Claims BEARING S40°E INCL. -36° T.DEPTH 865.0

N 9,437 ft. COLLAR ELEV. ~~6,992'~~ 6987' BOT.ELEV. 6,470'

E 4,887 ft. CORE SIZE BXWL DRILLED BY AJV Corporation- Robert Shannon

DATE START 1/2/70 COMPL. 3/29/70 LOGGED BY Wallace McGregor

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	67.6	79.5			Andesite breccia particle size, generally 1/8 to 3/4 diameter, gray-green color. Bleached from weathering iron stained in fractures.
	79.5	135.0			Andesite breccia as above - chloritized below. 115 Fractures coated with dark brown sooty mineral. @ 119.4 - qtz. vein 3/8" wide @ 60° vuggy. Minor brown staining. @ 130.3 - qtz vein 1/4" wide @ 45° druzy qtz. @ 130.5 - qtz vein 1/4" wide @ 45° druzy open spaced. iron stained. @ 134.5 - 6" of narrow qtz. veins @ 60° to 80° - 20% of core.
	135.0	140.8	5.8 ~~0.9~~	0.9?	Qtz. calcite vein - vuggy vugs coated with dark brown secondary mineral. Core recovery poor - 20%.
	140.8	145.0	4.2 ~~1.2~~		As above. Broken - andesite porphyry pieces with qtz. Core recovery less than 20%
	145.0	148.0	3.0 ~~1.5~~		As above
	148.0	150.0	2.0 ~~2.5~~		Qtz. cemented breccia - vuggy - bleached. Some breccia pieces are chloritized. Brown coating persist - core badly broken.
	150.0	160.0	5.0		As above
	160.0	165.0	5.0		No core
	165.0	169.0			Andesite breccia bleached and oxidized with iron staining indicating disseminated pyrite color generally gray to white, particle sizes vary from less than 1/4" to greater than 2". Core is badly broken.
	169.0	170.0			Fine grained andesite porphyry. Highly altered bleached light tan colored.
	170.0	262.6			Andesite breccia particles are bleached. Matrix tan colored. Oxidized fractures are iron stained and contain some coatings of light to dark brown seconary minerals. Bleaching of particles generally obscure rock type. In less altered zone particles include andesite porphyry. Fine grain andesite. Rhyolite por. & Tuff.

D.D. HOLE # LC # 3

D.D. HOLE # LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 2 OF 8

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
					@ 190.6 - qtz. vein 1/4" to 1/2" wide. Open space as brown mineral coating.
					@ 195.0 to 199.0 - fractures are irregular and coated with dark brown sooty mineral.
	262.6	280.0			Andesite breccia intensely bleached, irregular fractures in zone are coated with dark brown sooty mineral. Broken zone containing qtz. with heavy coating of dark brown sooty secondary mineral also some limonite on drusy qtz. Estimated at less than 1/2" wide angle is at 35°.
					@ 264.8 - is fractured at 70°. Coated with dark brown sooty mineral. Width less than 1/4".
					@ 279.9 - Qtz. calcite vein approximately 1/2" wide at 55°. Contains coating of dark brown mineral.
	280.0	289.0			Andesite breccia as above. Iron stained from surface waters.
	289.0	302.8			Andesite breccia, chloritized, containing tuffaceous bands. Matrix fine grained.
	302.8	303.5			Bleached to gray colored.
	303.5	307.1			Bleached andesite breccia particle size varies up to approximately 1 inch. Core shows etching on fractures and between particles. Somewhat vuggy with vugs and fractures coated with sooty brown mineral. Some cementing of particles by qtz. and calcite but not pervassive. Could be mineralized.
	307.1	325.0			Andesite breccia. Iron stained and chloritized fractures are linonite and dark brown mineral coated were not oxidized, dissiminated pyrite 1%, andesite particles vary from purple to green colored.
	325.0	342.8			Same pyritized andesite breccia, chloritized as above.
					@ 338.4 is qtz. vein .2" wide, vuggy minor brown mineral brown mineral coating on druzes.
	342.8	357.6			Andesite breccia less chloritized than section above also pyrite content less than 1%. Minor calcite veins at 70° to 90°.

D.D. HOLE # LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 3 OF 8

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
					@ 356.2 - qtz. vein @ 70° vuggy linonite filling vugs.
	357.6	366.6			Andesite breccia contains rhyolite pieces. Minor pyrite Spotty chloritized alteration. Vuggy qtz. contains coatings of dark brown mineral.
	366.6	371.0			Andesite breccia as above, iron stained from oxidation.
	371.0	372.0			Moderate silicification of breccia. Fractures are leached showing some dark brown sooty minerals.
	372.0	375.0			Andesite breccia as described in Section 371.0-372.0.
	375.0	377.3			Andesite chloritized.
	377.3	383.2			Andesite breccia chloritized, broken, vuggy some iron staining. @ 380.3 - 381.0 is bleached, probable fault zone with clay from 380.0 to 381.0.
	383.2	392.2			Andesite breccia, purple colored with matrix generally chloritized. Particle size varies from less than 1/4" to blocks approximately 1" long.
	392.2	395.1			Andesite breccia, broken vuggy appearing.
	395.1	406.3			Andesite porphyry, gray colored. @ 399.6 - 1/4" qtz. vein at 70°.
	406.3	413.2			Andesite breccia, chloritized, green and purple color.
	413.2	428.4			Andesite porphyry, light gray colored brecciated in places and recemented with fine grained matrix. Bottom most 3½' chloritized. @ 418.4 - 1/8" qtz. vein at 45°. @ 418.5 - Druzy qtz. vein 1/2" to 2" wide at 70°. @ 423.0 - Qtz calcite vein 1½" wide impart cements pieces of andesite. Angle to core est. at approx. 70°.
	428.4	430.8			Andesite breccia, bleached fractures etched with minor dark brown mineral coating. @ 430.0 - 1/2" druzy qtz. vein.

D.D. HOLE # LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 4 OF 8

Loc. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	430.8	446.5	(?)		Andesite breccia, fine breccia particles chloritized. @ 430.8 - qtz. stringers for .3 of a foot approximately 35° qtz. @ 435.8 - qtz. calcite vein .3' wide at approximately 70°. @ 436.3 - qtz. vein 1/4" wide @ 60°.
	Dropped Box				
	446.5 (?)	505.0			Andesite breccia particles varied colored from green ~~to purple. Paricles include rhyolite fine grained andesite.~~ Andesite porhyry tuff and chert. Generally chloritized lightly disseminated with pyrite not greater than 1%. @ 459.7 - Qtz. vein 1/2" wide at 60°. Qtz. veins at 470, 472.6, 474.1, 479.0, 478.8, 480.8, 483.5, 486.0, 487.0, 500.6, 502.2. Veins vary in width from 1/8" to 1/2" and at an angle to core axis of from 60° to 85°.
	505.0	536.7			Andesite breccia generally fine grained particles cemented with fine grained matrix, particles sizes vary up to blocks of 1" to 2" in diameter intensely chloritized. Qtz. veins at 505.2, 507.8, 514.0, 514.9, 515.9. Veins are less than 1/4" in width. No mineralization. Cut core at 60° to 90°. Below 522.0 particle size increases and chloritized decreases resulting in a mottled gray and white color. Minor disseminated pyrite continues.
	536.7	543.5			Andesite breccia, iron stained, bleached and argillized.
	543.5	553.0			Intense bleaching, rock type probably andesite breccia with some silification as cementing of particles. Pyrite content less than 1%.
	553.0	564.4			Andesite breccia, intensely bleached. Core is vuggy with some lining of vugs by qtz druses. Pyrite as disseminations. Approxiately 1%. Generall associated with chloritite.
	564.4	567.8			Silification approximately as above filling voids and cementing within matrix not as qtz. veining. Andesite breccia belaching moderate vugginess appears caused by open spaces after chloritization. Minor disseminated pyrite.
	567.8	570.7			Andesite breccia, fine grained alteration chloritization. Extremely fine grained pyrite as disseminations. Approx. 1%. Also eyes of qtz.

D.D. HOLE# LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 5 OF 8

Loc. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	570.7	582.2			Andesite breccia silicified with minor disseminated pyrite. Also moderately bleached.
	582.2	624.0			Andesite breccia appears to be dynamic later. Particles all fine grained, andesite intensely chloritized. @ 583.0 - 1/4" qtz. vein at 50°. @ 585.8 to 586.4 - irregular qtz. veins in shattered ~~zones. Generally at 70° to core.~~
					@ 586.8 - qtz. vein 1/4" wide at 70°. @ 589.0 - " " " " " 65°. @ 593.3 - " " 3/4" " " 60°. @ 595.0 - 1" wide qtz vein at 80°. @ 596.2 - 1/2" qtz vein at 45°. @ 609.8 - Mineralized fracture containing pyrite at 50° less than 1/8" wide. ~~@ 621.0 - 1¼" qtz. vein at 60°.~~
					@ 623.0 - 4" qtz calcite vein vuggy, mineralized, secondary (?) sulfide approxately 1/4" wide. Mineral is dark black with iridescence surfaces. Some associated pyrite either galena or sphalerite definitely identified. @ 623.7 - irregular qtz calcite vein 1/2"-3/4" wide at approxiately 35°.
	From 605.0	632.3			Fined grained andesite green colored chlorite. Fractures irregular cemented with qtz. Minor pyrite as disseminations and minor fracture filling.
	632.3	643.8			Andesite breccia, chloritized finely disseminated pyrite as disseminations.
					@ 637.3 - qtz. vein 1/4" wide at 50°. Possible coating of seconary silver mineral. Minor occurrence. @ 638.7 - 1/8" qtz. vein at 45°. @ 639.8 - 1/2" qtz. vein at 30°. @ 641.0 - qtz. calcite vein 2" wide yellow calcite plates coating qtz. druses within vugs at 50° to core. @ 642.0 - silicified zone vuggy not as qtz. vein ~~approximately 3" wide.~~
	643.8	648.1			Andesite breccia minor iron staining.

D.D. HOLE# LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 6 OF 8

LOC. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
					@ 644.8 - is qtz. vein 1/4" wide at 45°. Some coatings of secondary black mineral. @ 646.2 - Qtz. calcite vein at 70°. Brown coatings in vugs. @ 648.0 - Qtz. calcite vein shattered. Some secondary oxide coatings.
	648.1	676.7			Andesite breccia, chloritized and bleached. Generally silicification of the matrix. @ 652.7 - drusy quartz vein less than 1/8" at 45°. @ 655.5 - drusy quartz vein 1/8" at 60°. @ 666.2 - 666.5 - qtz veins 1/8" at 45°. @ Interval 667.0 - 671.3 fractures are etched and contain minor secondary dark brown mineral coatings.
	676.7	683.0			1 ft. core recovered from interval 678.0 to 683.0. Andesite breccia intensely bleached iron stained. @ 676.9 - qtz. vein 1/4" at 35°.
	683.0	695.5			Andesite breccia, gray colored particle size up to 2" diameter. Generall 1/4" to 1/2" particles include tuff and chert as well as andesite.
	695.5	695.9	0.4		Qtz. calcite veins at 45° to 70°. Vuggy with qtz druses filling open spaces. Contains secondary dark brown to black sooty mineral. Quartz calcite totals 60° of core 40° is andesite breccia.
	695.9	696.8	0.9		Andesite breccia as above.
	696.8	699.1	2.3		Quartz calcite vein, some vugginess, minor secondary minerals as dark brown sooty coatings less than 1%.
	699.1	702.4	3.3		Andesite breccia as above.
	702.4	706.7	4.3		Qtz calcite vein material, sulfide mineral speratic, includes sphalerite and galena less than 1% of total.
	706.7	736.3			Andesite breccia, gray colored described as above. @ 718.4 - 2" wide qtz calcite vein at approximately 70° banded with brown sooty coating along fractures.

D.D. HOLE # LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 7 OF 8

Loc. _____ BEARING _____ INCL. _____ T.DEPTH _____

_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
					@ 727.1 - 3" qtz vein at 45°. @ 731.7 - qtz vein 1" wide at 60°.
	736.3	739.5	3.2		Qtz. calcite vein predominently calcite. Section 737.4 to 738.0 vuggy with secondary mineral. Structure at 40°.
	739.5	777.7			Andesite breccia, gray colored particle size varies up ~~to 2" diameter minor pyrite.~~
					@ 755.2 - irregular qtz. calcite cemented zone 2" wide, Some vugginess. No mineralization.
	777.7	779.2	1.5		Qtz. calcite vein, vuggy with minor pyrite, sphalerite and galena less than 1%. @ 779.2 - 1" zone of finely disseminated sulfides in vuggy qtz. abundant, sooty black secondary appearing ~~mineral.~~
	779.2	782.4			Andesite breccia intensely bleached chlorite.
	782.4	788.0			Broken zone with gouge. Bleached
	788.0	803.0			Andesite breccia. Gray colored
	803.0	806.0	(?)		Bleached and iron oxide stained. 50% core Recovery
	806.0	813.0			Andesite breccia as above @ 812 (approx) 3/8" quartz vein at 70°. Druzy
	813.0	828.0			Core recovery less than 10% - andesite breccia somewhat bleached with iron stain
	828.0	831.0			As above @ 829 - 1/4" quartz vein subparallel to core
	831.0	832.0			Gouge zone
	832.0	838.0			Bleached zone. Argillized, some iron staining
	838.0	843.0	5.0 (approx.)		Quartz interbanded with silicified andesite breccia. minor sulfide is slight dissemination of sphalerite and galena. Less than 1%.

D.D. HOLE # LC # 3 PROJECT Los Compadres, Silver Peak, Nevada PAGE 8 OF 8

Loc. _____ BEARING _____ INCL. _____ T.DEPTH _____

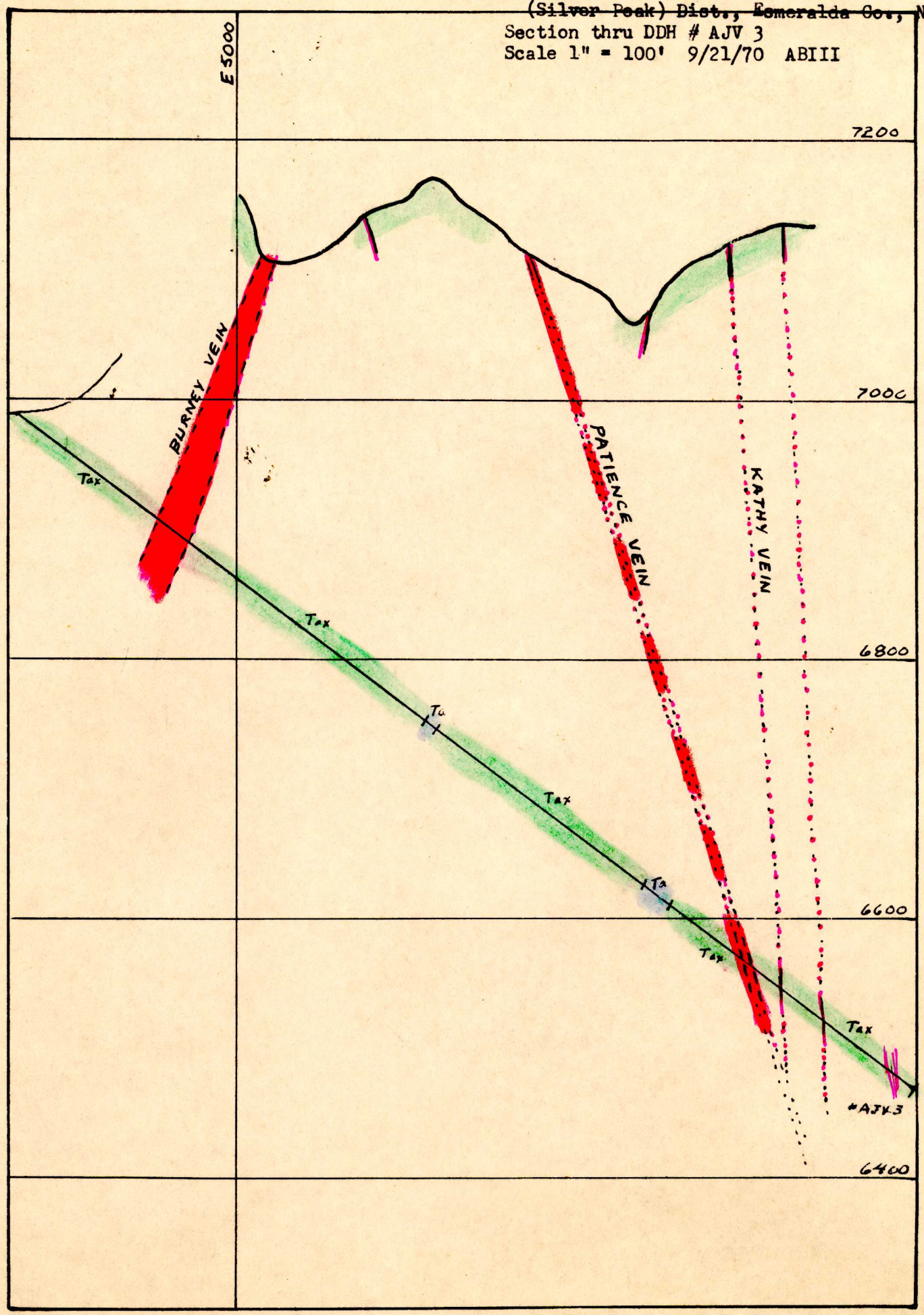
_____ COLLAR ELEV. _____ BOT.ELEV. _____

_____ CORE SIZE _____ DRILLED BY _____

DATE START _____ COMPL. _____ LOGGED BY _____

SAMPLE NUMBER	FOOTAGE DRILLED FROM	TO	INT.	% REC	CORE DESCRIPTION
	843.0	845.8			Andesite breccia - gray colored
	845.8	847.0	1.2		Quartz-calcite vein at 45°. Some druziness in the qtz. Trace galena
	847.0	847.3	0.3		Andesite breccia
	847.3	847.5	0.2		Quartz-calcite vein at 45°
	847.5	847.8	0.3		Andesite breccia
	847.8	848.0	0.2		Quartz-calcite vein @ 45°. No mineralization
	848.0	859.0			Andesite breccia @ 848.2 - quartz vein 1/4" @ 40° @ 848.5 - quartz vein 1/8" @ 45°
	859.0	861.0			Silic andesite breccia. Bleached. Some chloritization
	861.0	865.0	End of Hole		Core recovery 10%. Pieces of andesite breccia. Gray colored. Some quartz fragments

Drawing No. PGE 93
Los Compadres Property, Red Mt.
~~(Silver Peak) Dist., Esmeralda Co.,~~ Nev.
Section thru DDH # AJV 3
Scale 1" = 100' 9/21/70 ABIII



Los Compadres

Location: ~~Sixteen-to-One~~ Property, Silverpeak, Nevada
Provisional location "C"; Chico vein

Level:
N:
E: 9551 (Brunton & tape)
Elev.: 5051
Angle: 6990 (est. topo map)
-45°

Length: 486.2
Hor: 343.7
Vert: 343.7
Logged By: J.H. Strand
Date: 7/27/62

HOLE NO.: 7 N = CHC #7
Date Started: 6/25(move); 6/27(drilling
Date Finished: 7/18/62
Size: NX & BX
Casing: NX: 0 - 359.4'; BX: 359.4 - 486.2

Objective: Explore the Chico vein

Results:

(83 Item 2)

Footage				Assays			Log	Descriptions and averages
From:	To	Interval	% rec.					
0	12.8	12.8						Unrecovered, except as nodules ground by drill.
12.8	106.2	93.4						And. brx tan, (groundmass altered to bn & cream. Feldspars punky & in part silicified). Brx components differentially stained cream to red with some frags to 1½" diam showing flow lines. Well silicified 15.9 - 19.5; limonite & Mn stain on fr and vugs 21.4 - 31.5, & 34.8 - 35.4; fm grained 72.3 - 72.5 & 100.8 - 101.9; dk br-gn matrix & less altered 84.0 - 88.3, 90.4 - 91.5, 92.8 - 96.8, & 97.8 - 106.2; 1/8" qtz fn filling 91.5 - 92.2, & 95.7 - 96.0.
106.2	111.1	4.9						Felsite, lt gn, fn grained, slightly alt., brecc & fr, having light groundmass 108.0 - 109.2.
111.1	120.7	9.6						Felsite, olive-gn, dense, slightly dk-gn spotted, fr & healed with cal 111.1 - 112.4; dk blue-gn, brx & healed w/ cal veins to 116.1 - 120.7.
120.7	123.1	2.4						Felsite lt gn, slightly alt, with sparse, scattered 1mm phenocrysts.
123.1	143.5	20.4						Felsite as above, dk olive gn in part shaded violet; minutely fr & healed with cal & dk gn talc (?); occ dusty py; alt. to olive gn 122.1 - 122.5, 125.6 - 127.2, 132.0 - 132.3, 137.4 - 137.8, 138.1 - 138.7 & 139.8 - 143.5; mud seam 134.9 - 135.0; brx 141.7 - 143.5
143.5	290.9	147.4						And brx, olive-gn groundmass; frags av. ¼" with 6" max. Frags alt & stained yl-gn 146.5 - 150.6, & to red 150.6 - 151.2 blue-gn clay seam 155.3 - 155.4 & 167.6 - 167.7 Br clay or gouge 182.5 - 183.4 flow str. 150.1 - 150.6, 158.2 - 158.[illegible], 162.6 - 163.0, 173.4 - 173.9, 188.5 - 189.2 Cal on fr. (w/ sparse py) 164.3 & 164.5, & cal 233.4 - 233.8 Py, sparse, ½ - 2 mm w/ some alt to hematite 166.6 - 168.8 Stained dk br-gn w/ Fe and Mn 196.0 - 196.6 Dk gn groundmass 204.3 - 205.4 Felsite lt gn, dense containing sparse 0.5 mm py, 224.5 - 225.7 & 287.3 - 287.6 qtz xtals on fr. 258.3 - 258.5 Slightly vuggy from etching & removal of occasional vesicular frags, & filled w/ qtz xtals &/or coatings 261.0-261.2, 261.6 - 262.5; qtz xtals ¼" long w/Mn stain . 262.6;

Location: Sixteen-to-One Property
Provisional location "C"

HOLE NO. (cont'd): 9
Page: 2

Footage From	Footage To	Footage Interval	% rec.	Assays	Descriptions and averages
143.5	290.9	(cont.)			qtz fr fillings 273.6 - 273.9, 270.5 - 270.8, 271.5, 273.6 - 275.7 dk blue-gn unaltered 275.9 - 277.7 & 286.2 - 289.8 Cal fillings in incipient fr to 1/16" wide 270.6 - 289.8 Brkn 284.8 - 286 gouge 285.5 - 286.0
290.9	300.0	9.1			And brx. blue-gn, dk gn grdnmass, Disseam py to 2 mm diam; mottled, Fe-staining & lightly bleached 293.6 - 295.4; bleached to lt olive-gn 295.4 - 320.7 1/16" cal in fr 292.2 - 293.0, 293.5 - 1" cal @ 293.9 Qtz fr filling (1/8") 297.4 - 297.7; & 298.9 gouge 299.2 - 299.8
300.0	303.9	3.9			And brx, w/ qtz veining & mottling ¼" - 2" wide
303.9	304.9	1.0			And brx, bleached & ltly qtz veined
304.9	309.9	5.0			And brx, brkn & fr w/ qtz veins to ½" (poor core recovery)
309.9	311.6	1.7			qtz, vuggy, showing cal xtal imprints, br, (chocolate stained)
311.6	313.5	1.9			And gn brx and filled w/ massive qtz. 2" seam amethyst at 312.0
313.5	314.0	0.5			qtz, brx brkn, vuggy, rotten
314.0	315.7	1.7			And. brecciated, bleached lt br & gn and healed w/ massive qtz
315.7	320.9	5.2			And brx, fn ltly bleached, w/ 1/16" qtz fr fillings spaced about 1" apart

Sample No.	Depth	True Width	Gold Oz/ton	Silver Ozs/ton
7-1	297.1 - 300.0	2.05	0.005	0.5
7-2	300.0 - 304.9	3.46	0.020	1.1
7-3	304.9 - 309.9	3.54	0.040	3.9
7-4	309.9 - 313.5	2.55	0.025	8.6
7-5	313.5 - 316.7	2.26	0.005	0.65
7-6	316.7 - 320.9	2.97	Trace	0.4

Footage From	Footage To	Footage Interval	% rec.	Assays	Descriptions and averages
320.9	437.6	116.7			And brx dk blue-gn, fn grained w/ cse brx zones & scattered py to 2 mm; brkn w/ some gouge 329.4 - 329.8, 330.2 - 330.5 fr healed w/ cal 332.1 - 332.2 fr zone w/ fr incipient to ¼" healed w/ cal 332.0 - 332.8 ½" - 1" wide cal filling fr, 339.8 - 340.1 1" cal fr filling 346.9 - 347.3, & 349.5 - 349.7 1/8" Cal fr filling @ 360.5, 361.4, 362.0, & 362.5 Cse brx zones with frags to ½" 327.5 - 329.3; pale gn & with frags to 2" 339.1 - 360.2

Location: Sixteen-to-One Property
Provisional location "C"

HOLE NO. (cont'd): 7
Page: 3

Footage				Assays				Descriptions and averages
From:	To:	Interval	% rec.					
320.9	437.6	(cont.)						Brkn & fr 352.2 - 354.5, & with dusty euhedral py to 1 mm 352.9 - 357.4 Mottled iron staining 364.8 - 389.8, & 390.7 - 404.6, & 407.7 - 408.6, & 409.6 - 437.6 Brx zones, cse with frags to 2" diam 393.7 - 437.6 Fracture fillings largely vertical (est) 1/8" qtz fr filling 389.5, ¼" @ 391.7, & 1/8" @ 394.8 & 395.3 Cal fr fillings 1/8" 398.0, ¼" 399.2 & 406.2, ½" @ 407.4 Quartz injection, 1/12 - ½" @ 420.7, ¼" qtz fr filling @ 424.5 1/8" qtz @ 427.0; incipient fr to 1/16", 429.6 - 430.0; 1/8" qtz @ 431.5 & 432.0, & 435.3 Mn dendrites abundant on fr planes
437.6	472.6	35.0						Bnd brx, dense lt gn with dk gn matrix. Entire bed fractured & incipient frs healed with Cal (entire core effervesces with acid) Flecked with dk gn chlorite & chlorite surrounds Cal particles as in bed below vein in hole #5. Fn py disseminated throughout. Cal stringers, 1" @ 439.1, ¼" @ 439.7 & 440.5, ¼" @ 440.7, 1/16" @ 443.2 - 443.3, 1/8" @ 444.6, ¼" @ 448.5, 1/8" 449.7, 1/16" @ 453.8 & 456.0 & 457.3, ¼" @ 461.9 & 462.1 @ 467.0, 1" @ 467.3 - 467.5, 1/16" @ 467.7, web of stringers 468.7 - 469.3
472.6	485.5	12.9						Bnd brx, alt to olive br, mott ⁿ Fe stained, brkn & fr, frags to 2" diam, av ½" in very fn brx matrix
485.5	486.2	0.7						Bnd, brecciated, lt gn with 1/8" phenocrysts, In part Fe stained, especially along fr.

END

12/18/70

John Schilling:

Herewith are the logs of all 7 holes on my ground at Silver Peak, plus two maps. The logs of the three older holes are barely legible -- I only have poor copies. Of the two maps, one is 1" - 200', and shows the general area, but not the four recent holes. The other is 1" - 100', detail of the mineralized area on my ground, and shows all the holes.

ABII

Location: Sixteen-to-One Property, Silverpeak, Nevada
Provisional location "D"

Loc.: N: 9491 E: 5303 Elev.: 7015 (est) Angle: -50°

Length: 315.0 Hor: 202.5 Vert: 241.3 Logged By: J. H. Strand Date: Completed 7/27/62

HOLE NO.: 6 N = CAC # 6 Date Started: 6/18/62 Date Finished: 6/23/62 Size: Casing: NX 315.0'

Objective: Explore the Burney vein

Results:

83 Item 2

Footage From:	To	Interval	% rec.	Assays			Log	Descriptions and averages
0	8	8						Unrecovered except as nodules grou by drill.
8	168.8	160.8						and. brx, dense, frags [illegible], slightly altered, stained tan to lt yl & lt orange, occ vugs containing fr qtz xtals, tin white & mn on fr. planes. Fract & qtz filled (½") at 18.[illegible] fr., 1/8" inclined 30° from core axis & qtz filled 32.0 - 32.[illegible] brained fr. 34.0 - 35.0, fr zone qtz. & cal filled 6" wide parallel to core [illegible] - 37.0. fr zone, cal filled (1/16" to 3/8" wide) 38.8 - 39.[illegible] qtz. filled fr zone 40.4 - 41.3. Fract. 20° - 30° from core axis. brx frags to 1" diam & largely wht to gray abundant from 41.5 with lt mustard-yl matrix. fe stained fr 57.[illegible] 57.7 & 63.7 - 64.2. Fract. parallel to core 66.0 - 67.8, & 70.[illegible] - 72.9 (Mn stained) Less altered & having lt br to olive gn matrix, largest frags 2", 79.4 - 93.[illegible] silicified & with Mn dendrites along fr. planes. Occ flow str. from. & well impregnated with qtz. 93.1 - 108.6, [illegible] brx frags & reddist br matrix 135.7 - 150.5, network of incipient fr containing cal. 165.8 - 168.8 Bleached wht, to pink & heavily silicified 164.5 - 168.8.
168.8	217.9	49.1						and brx dk gn with densely-packed wht feldspars. hvy ess brx zones with frags showing ribboned & micro flow str, 209.[illegible] 214.2. - 1/8" 1/16" cal veinlet 199.9 214.0 - 214.2 & 204.0, 1/8" 204.8 - 204.9, 1/8" 205.2, 1/8" 185.2 - 185.5, 1/16" 179.1 - 179.6. Bleached 190.0 - 191.2. Incipient fractures containing cal 165.8 - 315.0.
217.9	225.5	4.6						and. brx, dense, slightly bleached & mott; lt reddish br to gn matrix; frags to 1½" diam.
225.5	237.6	12.1						And brx, dk gn matrix becoming lt gn - 231.4; frags dk gn to wht.
237.6	249.9	12.3						And brx, lt gn with gn frags to 1" diam. showing some flow lines of segregated feld. xtals. Occ lam. frags. Most frags. dense, rel. unaltered.

Location: Sixteen-to-One, Silverpeak, Nevada
Provisional location "D"

HOLE NO. [illegible]
Page: [illegible]

Footage From	Footage To	Interval	% rec.	Assays			Descriptions and averages
249.9	274.6	24.7					And brx, gn, fr with ¼" fresh bladed feld. xtals with one coarser (½" - 1" diam) frags. Brx zones 2" - 4" thick. Thin (1 mm and less) cal fract fillings @ 264.8, 265.5, & 265.9; mass of 1/16" - 1/8" cal veinlets 266.4 - 266.8 with few 1 mm py xtals.
274.6	286.5	11.9					And brx as above lightly bleached to olive gn 274.6 - 275.7, and to brnish gn 275.7 - 290.5. Interlaced with 1/16" - 1/8" qtz veinlets 275.3 - 276.9; qtz-cemented brx with stringers & frags of And 276.9 - 277.2 rare 1 mm vugs; black to br Mn (?) dendrites & limonite after py. Qtz veinlets (¼" to 1" separations) 277.2 - 280.2; 1/16" veinlet 281.3, 282.0, & 282.3.

Sample No.	Depth	Thickness	True	Assays Gold Oz/ton	Assays Silver Oz/ton
6-1	274.7 - 275.7	1.5	1.1	0.005	None
6-2	275.7 - 276.9	1.2	0.9	0.010	0.3
6-3	276.9 - 278.2	1.3	0.9	0.010	0.4
6-4	278.2 - 279.8	1.6	1.1	0.005	None
6-5	279.8 - 281.0	1.2	0.9	0.005	None
6-6	281.0 - 282.9	1.9	1.2	0.005	None

286.5	315.0	28.5		And brx, dk gn with fresh feld xtals to 1/8" diam. Bleached to lt gr & stained with Fe & Mn on fr. 289.0 - 290.5. Py disem especially with cal in veinlets. Cal vein (1/8") 294.6 - 294.9, 1/8" @ 297.4, 1/16" @ 298.6, 1/8" @ 300.9 - 301.2, 1/16" @ 301.7 & 301.9 (with tarnished py along fr filling) @ 302.3 & 302.6 (hvy, py fr filling with Cal), & 313.6 - 313.8.

END

Location: Los Compadres property
Silver Peak, Nevada

D. D. Hole No.: LC4
AJV 4

Elev: 7009'
Coord: N 9,470
E 4,720

Bearing: S 62° E
Angle: - 68°
Depth: 701'
Hor: 263'
Vert: 647'

Drilled: July, 1970

Logged by: A. Baker III
8/30/70

(83) Item 2

Objective: Test Burney Vein, assuming a westward dip

Results: Vein at 520'; little silver mineralization

From	To	Interval	%Rec.	Description
0	95	95	00	No core
95	115	20	95	Andesite breccia, about 50% fragments that are bleached whit, less than 2" diameter mostly, but one about 8" dia. Locally moderate to abundant hematite cubes up to 2 mm, most of which are in the gray-green groundmass
115	125	10	75	Gray-green andesite, much biotite up to 4mm. Hard - silicified. Many open cracks up to 1/4", partly dipping 20-30° to core axis, others random flatter dips; lined with brown xline mn-fe; some with fine quartz grains lining.
125	130	5	20	Split; assays: oz. Au, oz. Ag Only fragments, mostly less than 1.5". Rock like above. Several pieces with up to 1/2" veinlets vuggy quartz xls, some with platy voids after barite. Minor fe stain and xline mn-fe films. No recognizable Ag or other metals. First few pieces of next run are 1" pieces vein material with no rock -- cave from this run?
130	135	5	80	Buff silicified rock, some wispy fe stain. Many voids up to 1/2" lined with up to 3 mm quartz xls with blady relicts after barite, some xline fe-mn. Voids irregular to angular.
135	137	2	50	Silicified, recognizable andesite breccia. Voids like above.
137	150	13	9	Two runs, 4' and 98. Bleached and lightly fe-stained andesite breccia.
150	168	18	65	Andesite breccia, mostly frags under 1/2", a couple up to 2". Fairly abundant hematite after pyrite, mostly in concentrations 1/2" diameter, but mostly gone to smears limonite. Several fracture with films quartz and fe-mn, dipping 10° to axis.
168	181	13	80	Andesite breccia, liek above but with unoxidized pyrite. Upper half white-bleached, argillized; lower half gray-green chloritized. Pyrite is coarser and more abundant in the chloritized part
181	184	3	95	Alternating 8-12" bands fine gray-green andesite, and gray-green andesite full of feldspar phenx up to 6mm. All with abundant pyrite dissem.
184	187	3	100	Gray-green andesite breccia, many fragments up to 1.5" of bleached rock. At top contact, a 1/4" calcite veinlet dips 35° to core axis.

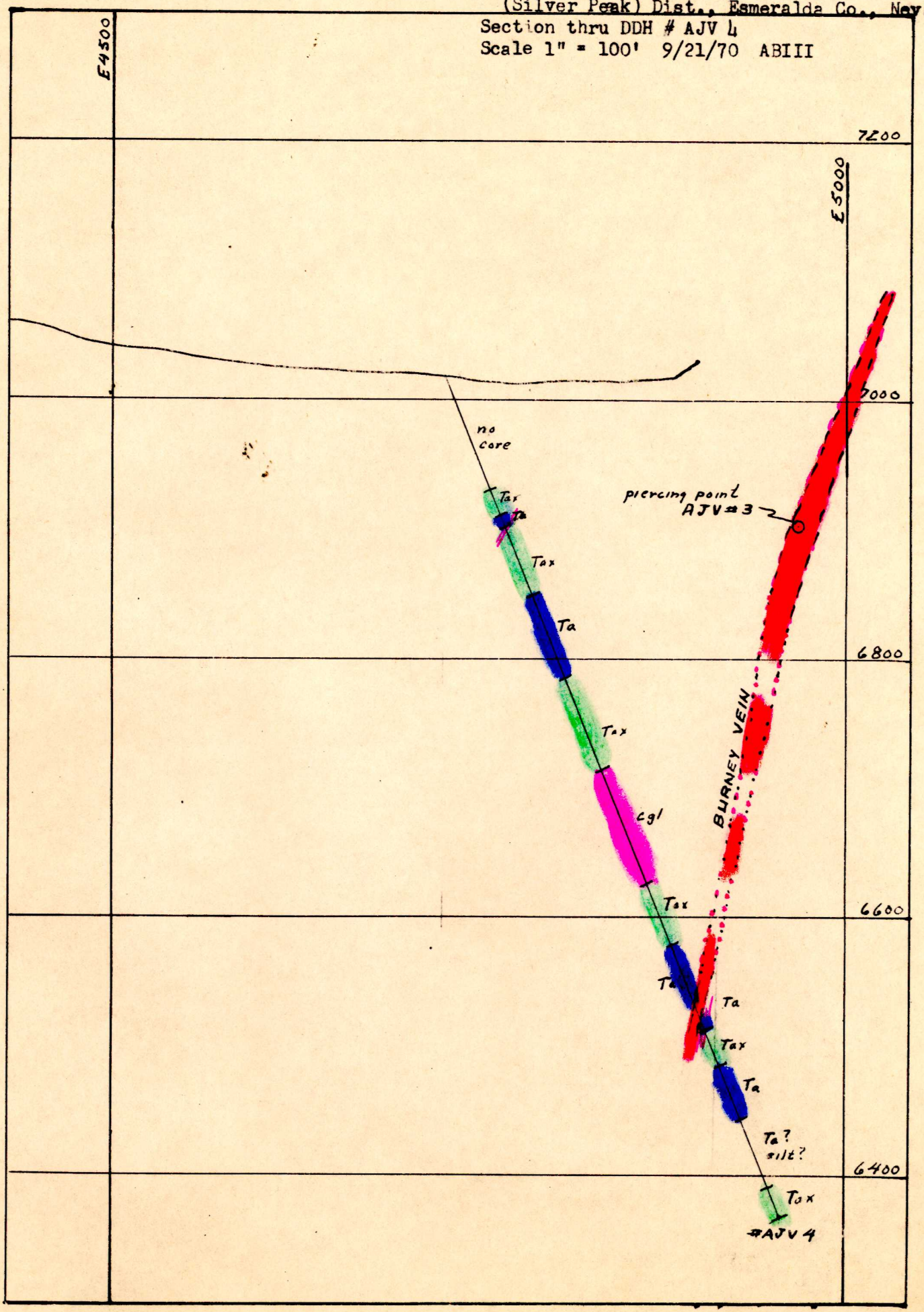
D. D. Hole No. LC 4 cont'd
= # AJV 4

From	To	Interval	%Rec.	Description
187	210	23	100	Gray-green andesite, partly fine-grained, partly with abundant phenx; latter appears to be indistinct fragments partly absorbed by the fine-grained phase. Fairly abundant pyrite.
210	225	15	3	Notation with core: "Drilled without core barrel" Fragments, one with 1/4" quartz veinlet. Cave?
225	239	14	20	Andesite with phenocrysts. Partly light-colored from oxidation.
239	249	10	100	Andesite, abundant phenx. Pervasively silicified, with many small voids lined with quartz,,some with mn stain, some with fe-mn xline. Quite abundant pyrite.
249	286	37	100	Light gray-white andesite breccia, lightly oxidized. Very abundant fragments up to 1", some up to 3". Fairly abundant hem after pyrite, local small patches with pyrte remain unoxidized.
286	327	41	100	Andesite breccia, bleached white, argillized and silicified (porous). In part with light greenish chlorite cast. Very little pyrite. 290-295' Vuggy with small quartz xls and pyrite; incipient vein? @310' 1/2" calcite-barite vein @ 20° to core axis
327	411	84	95	Volcanic conglomerate (unsilicified equivalent of andesite breccia?) Fragments like andesite breccia, in coarse sand matrix. Above 370', a few layers up to 1' thick of fine ss with bedding at 90° to core axis (possibl boulders?) 385-405' mostly silt, some coarse ss.
411	425	14	40	Coarse volcanic ss, reddish-brown (oxidised, probabl Somewhat silicified. At top, 1" zone gougy and vuggy. Several fractures with fe stain, some mn stain.
425	439	14	100	Gray andesite breccia (= volcanic cgl, silicified?). Silicified, compared to 327-411' interval. Fine dissem pyrite. Couple 1' zones oxidized.
439	476	37	90	Andesite breccia, hard, oxidized (bleached, lighely fe-flooded). Fairly abundant fractures with fe films, random dips.
476	509	33	90	Andesite, mostly porphyritic (or siltstone, with many white frags up to 6 mm), gray-green. Fairly abundant pyrite dissem. @480' 1' gouge, about 90° to core axis 498' 1" vuggy calcite stringer at 80° to core axi
509	519	10	40	Andesite like above, but with much gouge in zones attitude not determinable.
519	520	1	30	Last part of 5' run. Fragments of andesite and of vein quartz, some with mn stain.

From	To	Interval	%Rec.	Description
520	525	5	70	Split 519-525': oz. Au, oz. Ag. 520-525 one run. First 2' quartz-calcite vein with some andesite, vuggy, some fe stain. Last part calcite-quartz. Fineal 4" andesite. Local fe stain in vein material, no recognizable Ag or other metallic minerals.
525	527	2	90	Andesite with stringers quartz-calcite, some fe stn.
527	534	7	85	Split 525-534': oz.Au, oz.Ag. Quartz and calcite veining, local fe stain, no regognizable Ag or other metallic minerals.
534	540	6	80	About 50% andesite, 50% white calcite-quartz veins up to 6" thick, locally slightly amethystine, locally with sparse galena and honey-colored sphalerite; random dips.
540	545	5	65	Split 534-545': oz.Au, oz.Ag. Same as above.
545	549	4	25	Andesite with calcite-quartz veining like above. Has one shear @35° to core axis.
549	575	26	60	Andesite breccia, very light gray, bleached and silicified.
575	620	45	95	Andesite, fine greenish-gray. Many veinlets up to 1/4", random dips. Some quartz-calcite veinlets 1/4" to 1", dip 30-50° to core axis; some have traces of galena. Lower 8' gougy.
620	622	2	80	Greenish gouge. Shears 10-20° to core axis.
622	671	49	100	Gray to purple fine andesite (?) basalt(?) silt(?). Many irregular fine calcite veinlets.
671	675	4	100	Dark purplish siltstone(?); some coarse ss at top and bottom. Grades down into:
675	701	26	100	Andesite breccia, light gray -- equivalent of volcanic cgl. Fragments up to 4", some of fine-banded tuff suggesting "jumbled rhyolite" of 16-1 area.

End of hole

Drawing No. PGE 94
Los Compadres Propeety, Red Mt.
(Silver Peak) Dist., Esmeralda Co., Nev.
Section thru DDH # AJV 4
Scale 1" = 100' 9/21/70 ABIII



See MAP Files (2 maps)