Project: LYON NEV. Drill Hole No. L-75 Coordinates Sheet 1 of
Logged by R. SEKLEMIAN NE OF LINE A Collar El.

Pumpkin Hollow

Depth	Est. M.S.	Str.	Lith + Min	DESCRIPTION
				ROTARY CUTTINGS
10				WHITE, BLEACHED, RHYOLITE WITH GLASSY QUARTZ PHENOCRYSTS & MINOR BIOTITE.
90				FEW LIMONITE-STAINED FRAGMENTS. SOME DARK, SOFT MATERIAL. POSSIBLE FAULT OR WATER COURSE?

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
		188		Item 39					

Logged by R. SEKLEMIAN Drill Hole No. L-15 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
				WHITE, BLEACHED, RHYOLITE WITH GLASSY QUARTZ PHENOCRYSTS & MINOR BIOTITE.
210				
220				
230				
				235'
240				LIMONITE STAINING ON CRACKS.
250				
260				
270				
				275'
280				
290				
300				
310				
320				
330				
				335'
340				LIMONITE STAINING ON CRACKS.
				345'
350				
360				
370				
380				380' - CONTACT
				LIMY EPIDOTE - GARNET SKARN. WEAK DISS. PYRITE.
390				
400				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
					345				
					380				
					431				

Project: LYON NEV. Drill Hole No L-75 Coordinates Sheet 3 of ___

Logged by R. SEKLEMIAN Collar El. ___

Depth	Est M.S	Str	Lith + Min	DESCRIPTION
			S	ROTARY CUTTINGS
405'				GRANODIORITE WITH EPIDOTE SPOTS & CHLORITE ALTERED HORNBLENDE.
410				
420'			S	LIMY EPIDOTE-TREMOLITE SKARN WITH MOD. COARSE DISS. PYRITE.
430			S	
437'			S	BOTTOM OF ROTARY HOLE.
440				
450				
460				
470				
480				
490				
500				
510				
520				
530				
540				
550				
560				
570				
580				
590				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec	Elevation 400	Crude Fe	Crude S	Crude Cu	Crude P
43.0									
438.0									

Project: LYON NEV. Drill Hole No. L75 Coordinates _____ Sheet 2 of _____

Logged by EA _____ _____ Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
410														
420														
430														
					Rotary Cuttings									
437.5					437.5	1.1	1	0.7		437.5				
440				Fine grained andesite dike.										
					NX WL									
450				Alt, epidotized, very calcareous meta-volc (?) Some chlorite patches Minor scatt. pyrite. Trace of $CuFeS_2$		31.4	5	30.5	97					
460										460.0				
470					470.0									
480				Wk development of garnet-chlorite limey skarn with magnetite as dissems & blebs.		24.8	5	23.7	95	480.0				
490					494.8									
500	8% M 2% S					9.1	1	9.3	93	500.0				
510						10.0	1	9.8	98					
520						10.0	1	9.5	95	520.0				
530						7.1	1	6.2	87					
						4.0	1	3.6	90					
					535.0	1.4	1	1.2	86					
540						7.7	1	7.7	100	540.0 *				
				Wk meta-volc texture or granitic texture Contact vague at ± 10° with epidote skarn		1.4	1	1.1	79					
550						4.0	3	3.8	95					
					549.2	4.0	1	3.5	87					
						3.5	1	2.4	69					
560						1.4	1	1.3	93					
						6.1	1	5.5	90					
570	1% M 4% S			Fine to medium grained, weakly albitized(?) chloritized & epidotized granitic or monzonitic dike Abndt finely dissem pyrite w some stgrs Abndt small wkly, chloritized hornblende xls		7.5	1	7.5	100					
					572.0	3.0	1	3.0	100					
						4.5	1	4.2	93					
580						5.6	1	5.6	100					
						4.1	1	3.4	83					
590					589.2	5.8	1	5.5	96					
						3.5	1	3.2	94					
600														

Project: LYON NEV. Drill Hole No. L75 Coordinates Sheet 4 of ____

Logged by EA. Collar El. ____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
610	0.5% M 2% S			Some as above
620				Epidote skarn with weak, local igneous texture Very calcareous where more intensely epidotized Some calcite stgrs. Some garnet. 622 - thin f.gr. andesite dike
630	2% M 3% S			Some blebs of brownish-black vitreous, crumbly & hard mineral with good cleavage Some ruby red reflections
640				Patches of wkly disscm magnetite
650				Local, aphanitic igneous texture. Trace CuFeS
660				
670				
680				Abndt calcite pods & blebs.
690				
700				
710				Wkly alt & recrystallized monzonitic rock. Matics chloritized. Abndt. finely scatt pyrite Grodational with above skarn.
720				
730				
740	1% M 3% S			Lineation of feldspars at ± 45°.
750				Soft heavily alt wkly. FeSt, healed breccia, Chlorite-epidote skarn flat type fault zn slickensides at ± 10 & ± 55°
760				
770				90% epidote
780				Slickensides at ± 60°. Some crushed blebs of magnetite in crushed & partially healed epidote garnet skarn.
790				Epidote skarn after meta-volc. Crude mineral banding at ± 30°. Blebs & stgrs of rite & pyrr-

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	2.8	1	2.7	97					
	3.3	1	2.2	67					
	4.0	2	2.2	55					
609.0	3.5	1	2.4	68					
	5.5	1	2.4	44					
	3.2	1	1.8	56					
	5.5	2	4.0	73					
626.7	1.3	1	1.3	100					
	9.8	1	9.7	99					
	7.0	1	6.2	88					
	7.2	1	7.2	100	645.0				
652.0	5.5	2	5.4	98					
	6.5	1	5.9	91					
	10.0	1	9.4	94	665.0				
	10.0	1	9.8	98					
	10.0	1	9.4	94	685.0 *				
	8.5	2	8.2	96					
	7.0	1	6.1	87					
	3.1	1	2.5	81					
	2.9	1	1.2	41					
	9.3	1	7.9	83					
	8.0	1	7.5	94					
	3.6	1	3.3	92					
	5.4	1	4.0	80					
	3.0	1	2.4	80					
	8.0	1	1.6	20					
	7.5	1	6.5	86					
	3.2	1	0.8	25					
	4.6	1	3.8	82					
	6.4	1	6.1	93					
774.7					775.0 *				
	9.6	1	9.0	94					
	4.5	1	4.3	96					
	4.6	1	4.6	100					
	3.6	1	3.4	95					

Project: LYON NEV. Drill Hole No. L 75 Coordinates Sheet 5 of ____

Logged by E.A. ____ Collar El. ____

Depth	Est M.S.	Str.	Lith + Min.	DESCRIPTION
810				
820				Mostly epidote skarn after meta-volc. Minor garnet. Moderately calcareous. Some thin, hard silicious to cherty meta tuffaceous strata. Dissem. & blebs of pyrite & pyrrhotite. Dips ± 28°
830				
840				Speckled, sugary, brown meta-volc sediment. Dip ± 20°
				Bottomed 8-2-63
850				
860				
870				
880				
890				
900				
910				
920				
930				
940				
950				
960				
970				
980				
990				
1000				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude
	7.6	3	7.4	97					
	4.1	1	3.5	85					
	3.0	1	2.8	93					
	2.5	1	1.8	72					
	2.0	1	1.9	97					
	5.0	1	4.8	97					
	5.0	1	4.2	85					
830.2									
	4.8	1	4.8	100					
	2.2	1	2.2	100					
	7.1	1	6.0	85					
844.3					844.3				

Logged by EMA Drill Hole No. [redacted] CW AREA Collar El. ____

DESCRIPTION 81

Depth	Est. M.S.	Str.	Lith + Min.	Description	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
0				Qal				(188)			Item 39			
20														
40														
60														
80				White to buff qtz. xl. tuff.										
100														
120														
140														
160														
180														
200						Rotary cuttings to 440 ft.								

Pumpkin Hollow

I-13-61

Project: LYON NE

Logged by EMA Drill Hole No. L81 Collar El. _____

Depth	Est. M.S.	Str.	Lith + Mn	DESCRIPTION
220				White to buff qtz. xl. tuff
240				
260				
280				
300				Brown qtz. latite. Weakly magnetic
320				
340				
360				
380				
400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P

1-13-61

Logged by EMA

Collar El. ____

Depth	Est M.S.	Str.	Lith + Min.	DESCRIPTION
				Brown qtz. latite
420				Dark gray to black glossy tuff. Magnetic
440				
460				
480				
500				
520				
540				
560				
580				
600				

cuttings

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation 400	Crude Fe	Crude S	Crude Cu	Crude P
					440				

1-13-61

Project: LYON NEV. Drill Hole No. L-86 Coordinates Sheet 1 of
Logged by R. SEKLEMIAN LINE B Collar El.

Pumpkin Hollow

Depth	Est M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
				ALLUVIUM
10				10'
				MOSTLY PINK HEMATITE-STAINED & MINOR WHITE BLEACHED RHYOLITE WITH GLASSY QUARTZ PHENOCRYSTS & MINOR BIOTITE.
40				40'
				MOSTLY WHITE, BLEACHED & MINOR PINK, HEMATITE-STAINED RHYOLITE WITH GLASSY QUARTZ PHENOCRYSTS & MINOR BIOTITE.
80				80' CONTACT
				ALTERED, LIMY GRANODIORITE WITH SPOTS OF EPIDOTE & CHLORITE ALTERED HORNBLENDE.
200				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
		188			Plan 39				
40					40				
80					80				
200					200				

Logged by R. SEKLEMIAN Drill Hole No. L-86 Collar El. ____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
210				GRANODIORITE - ALTERED, LIMY WITH SPOTS OF EPIDOTE. CHLORITE ALTERED HORNBLENDE. FEW SPOTS OF GARNET. WEAK IRREGULAR DISS. PYRITE. WEAKLY MAGNETIC PROBABLY DUE TO ROCK MINERAL MAGNETITE LESS THAN 1%.
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
390				391' BOTTOM OF ROTARY HOLE.
400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation 200	Crude Fe	Crude S	Crude Cu	Crude P
300					300				
350					350.0.				
390					391.0				

Project: LION NEV. Drill Hole No. L-87 Coordinates Sheet ___ of ___

Logged by R. SEKLEMIAN Collar El. ___

Pumpkin Hollow

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
				ALLUVIUM — ROTARY CUTTING
10				10'
				WHITE & IRREGULARLY LIMONITE-STAINED COARSELY CRYSTALLINE MARBLE. SOME MANGANESE OXIDE COATINGS.
60				60' CONTACT
				SOFT, ALTERED, BLEACHED LIMONITE-STAINED GRANODIORITE. SOME LIMONITE PSEUDOMORPHS AFTER PYRITE.
95				95'
				MARBLE - MOSTLY WHITE WITH SOME DARK LAMINATIONS. WEAK LIMONITE STAINING.
120				120'
				SOFT, ALTERED, BLEACHED LIMONITE-STAINED GRANODIORITE.
135				135'
				GREY, LESS ALTERED GRANODIORITE WITH DISS. PYRITE. SOME WEAK IRREGULAR LIMONITE STAINING.
190				190'
				ALTERED BLEACHED & LIMONITE STAINED GRANODIORITE. LIMONITE PSEUDOMORPHS AFTER PYRITE.
200				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	(188)				10				
					60				
					95				
					120				
					200				

Item 39

Logged by R. SEKLEMIAN Drill Hole No. L-81 Collar El. ____

Depth	ESLM,S	Str.	Lith + Min.	DESCRIPTION
210				
				215' GREY, UNBLEACHED GRANODIORITE WITH DISS. PYRITE.
220				
				225' BLEACHED LIMONITE-STAINED GRANODIORITE.
230				230' GREY, UNBLEACHED GRANODIORITE WITH DISS. PYRITE.
240				240' BLEACHED, LIMONITE-STAINED GRANODIORITE.
250				250' GREY, UNBLEACHED GRANODIORITE WITH DISS. PYRITE.
260				
270				
280				
290				
300				
310				
320				320' GREY GRANODIORITE WITH EPIDOTE & DISS. PYRITE.
330				
340				340' GREY GRANODIORITE WITH EPIDOTE & MINOR DISS. MAGNETITE (1%) & DISS. PYRITE
350				350' PARTLY LIMONITE STAINED GRANODIORITE. MINOR PYRITE.
				354' - BOTTOM OF ROTARY HOLE.
	10% M - 2% S			LIGHT GRAY-GREEN MOTTLED EPIDOTE, GARNET, ACTINOLITE, CALCITE SKARN WITH FINE TO COARSE DISSEMINATED PYRITE & FINE, PATCHY LOW-GRADE DISSEMINATED MAGNETITE. CALCITE IS PROMINENT THROUGHOUT THE ROCK & ALSO OCCURS AS FINE HAIR-LIKE VEINLETS.
370				DISS. PYRITE & LESSER CHALCOPYRITE WITH SMALL PATCH OF HIGHER GRADE MAGNETITE. PATCHY DARK GREEN SERPENTINE.
				DISS. PYRITE & LESSER ERRATIC CHALCOPYRITE.
380				MASSIVE YELLOW-GREEN & DARK GREEN MOTTLED EPIDOTE-ACTINOLITE-CALCITE-SKARN. DISS. MAGNETITE, PYRITE & MINOR CHALCOPYRITE.
390				
400				

ROTARY CUTTINGS

NXWL

Depth	Len of Runs	No. of Runs	Ft of Core	% Core Rec
354.0				
	7.6	1	5.0	66
	6.4	1	5.9	92
	9.0	1	8.6	96
	10.0	1	9.9	99
	7.5	1	7.5	100
	4.1	1	3.4	83

Elevation 200

270.0

340

350

377.0

Crude: Fe | S | Cu | P

Logged by R. SEKLEMIAN Drill Hole No. L-61 Collar El. ____

Depth	Es	L	M	S	Str.	Lith + Min.	DESCRIPTION
405.0							CONTINUED MASSIVE EPIDOTE-ACTINOLITE-CALCITE SKARN WITH DISS. MAGNETITE, PYRITE & MINOR CHALCOPYRITE. NXWL
410							DECREASE IN MAGNETITE; INCREASE IN PYRITE.
420							
424.8							
430							
440							
444.0							
450							
458.0							SERPENTINE-ALTERED BROKEN ZONE. SOME DISSEMINATED PYRITE.
460							MASSIVE EPIDOTE-ACTINOLITE-CALCITE SKARN WITH DISSEMINATED MAGNETITE, PYRITE & MINOR ERRATIC CHALCOPYRITE.
470							
471.5							CONTINUED STRONG PYRITE & SOME INCREASE IN CHALCOPYRITE.
480.0							
490							
500							WEAK CRUDE MAGNETITE & SULFIDE BANDING AT 20°
501.0							
510							
513.2							
520							CONTINUED MASSIVE, WEAKLY FRACTURED SKARN COMPOSED OF EPIDOTE, CHLORITE, ACTINOLITE, CALCITE. STRONG DISSEMINATED PYRITE, MINOR CHALCOPYRITE, LOW-GRADE DISSEMINATED MAGNETITE.
523.0							
530							WEAK MAGNETITE BANDING AT 15°
540							CRUDE MAGNETITE BANDING AT 25°?
545.0							
550							MEDIUM GRAY, FINE-GRAINED, ANDESITE DIKE, BROKEN. SOME FINE NEEDLE HORNBLENDE. NO ATTITUDE. HYBRID ROCK? - NUMEROUS SMALL WHITE RELIC FELDSPARS? IN APHANITE DARK GRAY-GREEN GROUNDMASS. SOME RELIC ACTINOLITE ALTERED HORNBLENDE PHENOCRYSTS. SOME EPIDOTE ALTERATION. DISS. PYRITE.
560							EPIDOTE-CHLORITE-ACTINOLITE-TREMOLITE-CALCITE SKARN.
564.0							DARK GRAY, FINE-GRAINED ANDESITE DIKE AS ABOVE. NO ATTITUDE.
567.0							MASSIVE EPIDOTE-CHLORITE-ACTINOLITE-CALCITE SKARN WITH LOW-GRADE DISS. MAGNETITE, STRONG DISS. PYRITE & MINOR CHALCOPYRITE.
580							
588.0							ZONE OF INTRICATE IRREGULAR BANDING, LAMINATION & CEMENTED BRECCIA TEXTURE OF CALCITE, & DENSE OLIVE GREEN & BLACK POSSIBLY SERPENTINIZED MATERIAL. (SPECIMEN TAKEN). HEALED FAULT ZONE???
590							MASSIVE EPIDOTE-TREMOLITE-CALCITE, ACTINOLITE SKARN WITH VARIABLE DISS. MAGNETITE & STRONG DISS. PYRITE, MINOR CHALCOPYRITE.
596.0							
600							

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
405.0	6.4	1	6.3	98					
	10.0	1	9.9	99					
	9.8	1	9.6	97	422.0				
424.8									
	10.0	1	9.8	98					
	10.0	1	9.8	98					
					444.0				
	10.0	1	9.2	92					
	4.7	1	4.7	100	458.0				
	10.0	1	94	94					
	8.0	1	8.0	100					
471.5									
	10.0	1	9.8	98	480.0				
	10.0	1	10.0	100					
	6.6	1	6.4	97	501.0				
	9.1	1	8.9	98					
513.2									
	10.2	1	9.8	96					
					523.0				
	9.6	1	9.6	100					
	8.0	1	7.1	89					
	8.0	1	7.5	94	545.0				
	4.0	1	4.0	100					
	7.2	1	7.1	99					
	3.1	1	2.5	81					
564.0	0.1	1	0.2	29					
	5.1	1	5.3	93	567.0				
	10.2	1	10.0	98					
	4.3	1	4.3	100					
	5.5	1	4.5	82	588.0				
	10.0	1	9.5	95	596.0				

Logged by R. SEKLEMIAN Drill Hole No. L-87 Coordinates Sheet 1 of

Collar El.

Depth	Est M.S	Str.	Lith + Min	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
				CONTINUED MASSIVE EPIDOTE-CHLORITE-ACTINOLITE-CALCITE SKARN. STRONG DISS. PYRITE. NXWL		10.0	1	9.8	98				
610	1-1				609.7								
	7-1			VAGUE MINERAL BANDING AT 30°		10.0	1	9.8	98	615.0			
620	3%M-7%S			HYBRID ROCK - + 50% SMALL WHITE ALTERED PLAGIOCLASE PHENCRYSTS IN APHANITIC GRAY-GREEN ACTINOLITE-TREMOLITE MATRIX? LARGE ACTINOLITE METACRYSTS. DISS PYRITE. GRADATIONAL CONTACTS.									
		SSR		EPIDOTE-CHLORITE-ACTINOLITE-CALCITE SKARN		8.2	1	7.7	94				
630				HYBRID ROCK AS ABOVE AT 617'									
				MASSIVE EPIDOTE-CHLORITE-ACTINOLITE-CALCITE-GARNET SKARN. STRONG DISS. PYRITE. MINOR ERRATIC CHALCOPYRITE. FEW THIN IRREGULAR PARTLY OPEN CALCITE-LINED FRACTURES.		9.5	1	9.5	100				
		SSR								637.0			
640	0%M-10%S					8.8	1	8.3	94				
650		SSR				9.1	1	9.1	100				
					655.3								
660		SSR				9.6	1	9.6	100	659.0			
670	3%M-8%S	SR				10.0	1	10.0	100				
680		SR				6.0	1	6.0	100	681.0			
						10.0	1	10.0	100				
690		SR		LOCAL INCREASE IN IRREGULAR, PATCHY DARK GREEN ACTINOLITE-CHLORITE.									
						10.0	1	10.0	100				
700		SR											
		SR				4.9	1	4.9	100	703.0			
					705.8	2.1	1	2.1	100				
710				SAME MASSIVE SKARN AS ABOVE WITH VAGUE SUGGESTION OF RELIC HYBRID ROCK TEXTURE???		6.3	1	4.8	76				
				LOCAL MAGNETITE BANDING AT 0°									
		SSR				6.2	1	6.2	100				
720													
		SSR				11.3	1	9.7	86	725.0			
730	15%M-6%S												
						9.2	1	9.2	100				
740		SR			740.9								
		SR				9.0	1	9.0	100	747.0			
		SR											
750						10.0	1	9.0	90				
		SR											
760				SAME MASSIVE EPIDOTE-CHLORITE-ACTINOLITE-CALCITE SKARN WITH		6.0	1	6.0	100				
		SSR		VARIABLE DISS MAG. DISS PYRITE & MINOR ERRATIC CHALCOPYRITE.						766.0			
						5.0	1	4.2	84				
770					770.9								
		SSR				8.1	1	8.1	100				
780						6.7	1	6.4	96				
		SR								786.0			
790						9.5	1	8.9	94				
		SSR											
800						10.0	1	10.0	100				

Logged by R. SEKLEMIAN Drill Hole No L-61 Collar El. _____

Depth	Est. M S	Str	Lith + Min	DESCRIPTION
810	18% M - 1% S			CONTINUED MASSIVE SKARN COMPOSED OF EPIDOTE-ACTINOLITE-CHLORITE-TREMOLITE?-CALCITE WITH DISS. MAGNETITE, PYRITE, CHALCOPYRITE, PYRRHOTITE. FEW CALCITE VEINLETS. ROCK IS WEAKLY FRACTURED. NXWL
820				
830	25% M - 8% S			WEAKLY FRACTURED EPIDOTE-TREMOLITE-ACTINOLITE-GARNET SKARN. WITH DISS MAGNETITE THAT APPEARS TO BE REPLACING THE MATRIX BETWEEN SMALL SUB-ROUNDED TREMOLITE CLUSTERS. STRONG DISS. PYRRHOTITE, PROMINENT CHALCOPYRITE, LESS PYRITE.
840				
850	0% M - 3% S			POOR CORE RECOVERY OF CLAY & SMALL FRAGMENTS IN FAULTED OR ALTERED CONTACT ZONE.
860				WELL FRACTURED, LIGHT GRAY-GREEN, FINE-GRAINED ROCK COMPOSED PRINCIPALLY OF FINE FIBEROUS ROSETTES OF ACTINOLITE-TREMOLITE. WEAK LACEWORK OF CALCITE VEINLETS. VERY MINOR EPIDOTE. DISS. PYRITE & LESS CHALCOPYRITE.
870				CONTACT NOT SEEN BUT APPARENTLY SHARP & UNFAULTED.
880	2% M - 1% S			MEDIUM GRAY-GREEN HYBRID ROCK WITH ± 50% SMALL WHITE FUZZY PLAGIOCLASE PHENOCRYSTS IN A DARK ACTINOLITE-TREMOLITE GROUNDMASS. 10-15% LARGE ± SQUARE ACTINOLITE METACRYSTS (PSEUDOMORPHS) IRREGULAR CALCITE VEINLETS. PYRITE-EPIDOTE VEINLETS. DISS. PYRITE.
				3" BANDED VEIN AT 25° OF MAGNETITE-PYRITE & CHALCOPYRITE. INCREASE IN DARK GREEN CHLORITE? AROUND VEIN.
890				
900				VEINLETS & PATCHES OF PYRITE. VERY MINOR MAGNETITE.
910				
920				ZONE AT 70° OF EPIDOTE ALTERATION.
930				CALCITE VEINLET WITH PROMINENT CHALCOPYRITE. EPIDOTE ALTERATION & PYRITE BANDING AT 40° LOCAL TREMOLITE ALTERATION OF GROUNDMASS & PLAGIOCLASE PHENOCRYSTS.
940				ZONE OF EPIDOTE-CALCITE ALTERATION. DISS PYRITE. MINOR ACTINOLITE.
				HYBRID ROCK AS ABOVE.
950				TIGHT 1" CLAY ALTERED SHEAR ZONE.
				IRREGULAR PATCHES & DISCONTINUOUS VEINLETS OF PYRITE & STRONG CHALCOPYRITE. INCREASED ACTINOLITE-TREMOLITE & IRREGULAR EPIDOTE ALTERATION OF HYBRID ROCK OBSCURRING THE WHITE PLAGIOCLASE & SOME OF THE METACRYSTS.
960				
				CALCITE-ACTINOLITE-PYRITE-CHALCOPYRITE BAND AT 25°
970				
980	30 - 10			DARK GRAY VERY FINE-GRAINED ANDESITE DIKE.
				FINE GRAINED DISSEMINATED TO PATCHES OF MASSIVE MAGNETITE WITH PYRRHOTITE & STRONG CHALCOPYRITE. IN DARK GREEN ACTINOLITE GANGUE. IRREGULAR BANDING 20°-30°
990				
				PROMINENT METACRYST IN EPIDOTE-ACTINOLITE-TREMOLITE ALTERATION. WEAK DISS PYRITE & MINOR CHALCOPYRITE.
1000				STRONG DISS. PYRRHOTITE-PYRITE-CHALCOPYRITE IN ACTINOLITE-TREMOLITE-EPIDOTE WITH RELIC METACRYSTS.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude F
					806.0				
	9.0	1	9.0	100					
	5.2	1	5.0	96					
819.4									
	6.8	1	6.6	97					
					826.0				
	6.7	1	6.0	90					
	6.0	1	6.0	100					
	1.2	1	1.2	100					
840.1									
	6.0	1	5.7	95					
					846.0				
	3.1	1	1.6	52					
	0.8	1	0.4	50					
	1.4	1	1.2	86					
	1.5	1	1.2	80					
	1.9	1	1.5	79					
856.9	2.1	1	2.1	100					
	2.5	1	2.5	100					
	1.3	1	0.8	62					
860.7	2.7	1	2.1	78					
	4.3	1	4.3	100	865.0				
	3.3	1	2.8	85					
	7.1	1	7.1	100	875.0				
	4.7	1	4.2	89					
	5.0	1	4.6	92					
887.8									
	4.4	1	4.0	91					
	8.7	1	8.7	100	896.0				
	3.5	1	3.5	100					
	8.6	1	8.6	100					
	4.9	1	4.9	100	915.0				
	10.1	1	10.1	100					
	9.8	1	9.8	100					
					935.0				
937.8									
	4.6	1	4.2	91					
	4.5	1	4.2	93					
	6.9	1	6.9	100	949.0				
	10.0	1	10.1	100					
	9.1	1	8.8	97	967.0				
972.9									
	9.8	1	8.8	90					
					983.0				
	10.0	1	10.0	100					
	9.7	1	9.7	100					

Logged by R. SEKLEMIAN Drill Hole No. L-81 Collar El.

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION
				STRONG DISS PYRRHOTITE-PYRITE-CHALCOPYRITE WITH BANDED MAGNETITE AT 30° IN ACTINOLITE-EPIDOTE-TREMOLITE SKARN WITH ACTINOLITE "META" NYWL
1010	2 - 6			
	10-6			SMALL PATCHES & BANDS OF MAGNETITE.
1020	0-5			ALTERATION BANDING AT 20°
	20-10			DISSEMINATIONS & LACEWORK OF VEINLETS OF MAGNETITE-PYRRHOTITE-PYRITE & CHALCOPYRITE. DARK GREEN ACTINOLITE GANGUE. CALCITE PATCHES.
1030				PATCH OF ACTINOLITE-TREMOLITE ALTERED HYBRID ROCK.
				CONTACT AT 30°
				DARK GRAY, FINE-GRAINED ANDESITE DIKE.
1040	20%M-10%S			ACTINOLITE-TREMOLITE-EPIDOTE SKARN WITH DISS. MAGNETITE-PYRRHOTITE-PYRITE & CHALCOPYRITE.
1050				HI-GRADE MAGNETITE WITH STRONG CHALCOPYRITE & PYRITE
				BROKEN, MEDIUM GRAY, ACTINOLITE-TREMOLITE ALTERED HYBRID ROCK. SOME METACRYSTS REMAIN. VEINLETS & DISSEMINATIONS OF PYRITE. LOCAL RELIC FINE-GRAINED PORPHYRY TEXTURE.
1060				
	10%M-7%S			VEINLETS & PATCHES OF MAGNETITE, PYRRHOTITE, PYRITE, MARCASITE & CHALCOPYRITE.
1070				
				AREAS OF CLEARLY-DEFINED WHITE PLAGIOCLASE IN HYBRID ROCK.
				ALTERATION BANDING AT 15°
				CALCITE-ACTINOLITE PATCH WITH PROMINENT CHALCOPYRITE.
1080				EPIDOTE-ACTINOLITE ALTERATION WITH DISS. PYRITE & CHALCOPYRITE.
				MAGNETITE STOCKWORKS WITH PYRRHOTITE, PYRITE, CHALCOPYRITE
1090				MED. GRAY ACTINOLITE-TREMOLITE ALTERED HYBRID ROCK. DISS. PYRITE. ALTERATION BANDING AT 15°
	0%M-2%S			
1100				
				PATCH OF FRESHER? HYBRID ROCK WITH ACTINOLITE METACRYSTS & THE TRANSLUCENT PORPHYRITIC-TEXTURED F.G MATRIX COMPOSED OF SUB-CLEAR "GRAINS" IN A VERY-FINELY SPOTTED GROUNDMASS. DISS. PYRITE CALCITE VEINLETS.
1110				
	12%M-8%S			MAGNETITE STOCKWORKS WITH PYRRHOTE, MARCASITE, CHALCOPYRITE & PYRITE IN DARK GREEN ACTINOLITE-ALTERED HYBRID ROCK. SOME SERPENTINE ALTERATION.
1120				TREMOLITE-ACTINOLITE ALTERED HYBRID ROCK. DISS. PYRITE. VAGUE METACRYSTS.
1130				
1140				MAGNETITE-CALCITE STOCKWORKS WITH PYRRHOTITE-MARCASITE-PYRITE & CHALCOPYRITE IN STRONLY ACTINOLITE & SERPENTINE ALTERED HYBRID ROCK. CALCITE VEINLETS & PATCHES.
				STRONG PYRRHOTITE WITH MINOR PYRITE & CHALCOPYRITE.
1150				
1160	15%M-10%S			
1170				
1180				
1190				MAGNETITE AS STOCKWORKS & BRECCIA FILLING WITH PYRITE (LOCALLY BLADED AFTER CALCITE?), PYRRHOTITE & CHALCOPYRITE. IN ACTINOLITE & SERPENTINE GANGUE. SOME IRREGULAR CALCITE PATCHES.
1200				ACTINOLITE-TREMOLITE ALTERED HYBRID ROCK WITH ACTINOLITE "METACRYSTS & DISS. PYRITE, PYRRHOTITE & CHALCOPYRITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
1002.4					1004.0			
	9.6	1	9.6	100				
	8.9	1	8.9	100				
	9.5	1	9.5	100	1025.0			
1034.0	3.6	1	3.6	100				
	2.9	1	2.9	100				
	1.8	1	1.8	100				
	6.1	1	6.1	100	1039.0			
	6.0	1	6.0	100				
	6.0	1	6.0	100				
1056.8	1.0	1	0.7	70	1055.0			
	2.6	1	2.6	100				
	1.5	1	1.5	100				
	3.8	1	3.2	84				
	1.5	1	1.1	73				
	3.4	1	2.8	82				
	4.0	1	3.6	90				
1074.6	2.0	1	2.0	100	1076.0			
	4.0	1	3.3	83				
	5.2	1	4.9	94				
	6.5	1	6.3	97				
1092.3	8.0	1	8.0	100	1094.0			
	7.5	1	6.5	87				
	0.5	1	0.5	100	1109.0			
	5.0	1	5.0	100				
1113.3	3.5	1	3.3	94				
	2.5	1	2.5	100				
	5.5	1	5.4	98				
	5.3	1	4.6	87				
	3.0	1	2.6	87	1130.0			
1133.1	9.7	1	9.7	100				
	8.5	1	8.0	95				
	4.3	1	4.3	100	1151.0			
1155.6	1.9	1	1.9	100				
	3.7	1	3.7	100				
	8.4	1	8.1	96				
	8.0	1	7.8	97	1170.0			
	3.7	1	3.7	100				
1181.3	3.1	1	2.6	84				
	4.4	1	4.1	93	1186.0			
	3.6	1	3.5	97				
	3.7	1	3.7	100				
	2.7	1	2.4	89	1196.0			
1198.8	3.1	1	3.1	100				

Project: LYON NEV. Drill Hole No. L-87 Coordinates Sheet 1 of

Logged by R. SEKLEMIAN Collar El.

Depth	Est M.S	Str.	Lith + Min	DESCRIPTION
1210	0% M - 2% S			ACTINOLITE TREMOLITE ALTERED HYBRID ROCK. ACTINOLITE "METACRYSTS" NXWL PYRITE DISSEMINATIONS & VEINLETS.
				BROKEN + SERPENTINE ALTERED.
1220				
	12% M - 6% S			MAGNETITE - PYRRHOTITE + CHALCOPYRITE - PYRITE STOCKWORKS & BRECCIA FILLINGS IN ACTINOLITE - TREMOLITE - EPIDOTE - CHLORITE ROCK.
1230				SOME BAGUE TRANSLUCENT PORPHYRITIC GROUNDMASS.
				BANDING AT 20°
1240				MOSTLY DISSEMINATIONS OF MAGNETITE PYRRHOTITE, CHALCOPYRITE, PYRITE IN ACTINOLITE - TREMOLITE - EPIDOTE SKARN. BROKEN
1250				
1260	15-10			BROKEN, ALTERED, WEAKLY SHEARED. HI-GRADE MAGNETITE WITH DISS. PYRRHOTITE, CHALCOPYRITE & PYRITE. MINOR CHLORITE GANGUE.
1270				
1280				MINERAL BANDING AT 35°
				STOCKWORKS, PATCHES & DISSEMINATIONS OF MAGNETITE; BLADED & DISSEMINATED PYRRHOTITE, CHALCOPYRITE & PYRITE IN TREMOLITE - CHLORITE GANGUE.
1290	35% M - 10% S			
1300				
1310				
1320	25% M - 6% S			
1330				DISSEMINATED MAGNETITE, PYRRHOTITE, PYRITE & CHALCOPYRITE IN TREMOLITE - ACTINOLITE GANGUE.
				PATCHES OF EPIDOTE ALTERATION.
1340				
				BROKEN
1350				
1360				WEAKER STOCKWORKS & DISSEMINATIONS IN ACTINOLITE - TREMOLITE SKARN.
1370				PATCH OF ACTINOLITE ALTERED "HYBRID ROCK" WITH SMALL WHITE ALTERED FELDSPARS IN ACTINOLITE MATRIX. FEW "METACRYSTS"
				CONTINUED DISS. PYRITE, PYRRHOTITE & CHALCOPYRITE.
1380				LOCALLY FRIABLE
1390				FELTED, BLADED. TREMOLITE GANGUE.
1400				

Depth	Len of Runs	No of Runs	Ft of Core	% Core Rec	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	4.6	1	3.8	83					
	4.0	1	3.6	90					
	2.0	1	1.5	75					
1213.6	2.0	1	1.2	60					
	3.0	1	2.2	73	1218.0				
	2.5	1	2.5	100					
	2.4	1	2.4	100					
1226.3	2.9	1	2.9	100					
	4.1	1	3.7	90					
	2.8	1	2.8	100					
	1.8	1	1.7	95	1234.0				
1239.0	4.0	1	3.5	88					
	10.0	1	9.5	95					
					1249.0				
	5.0	1	2.7	54					
	5.4	1	4.6	92					
	5.6	1	4.7	84					
1265.0					1265.0				
	10.9	1	9.2	84					
	10.0	1	9.4	94					
	0.1	1	0.1	100	1286.0				
	9.6	1	8.2	85					
	10.0	1	9.3	93					
	3.6	1	3.6	100	1306.0				
1309.0	1.7	1	1.0	59					
	1.5	1	1.0	67					
1315.4	3.0	1	2.2	73					
	3.6	1	3.0	83					
	1.8	1	1.5	83					
	1.8	1	1.3	72					
	2.5	1	1.8	72					
	1.6	1	1.2	75	1327.0				
	5.7	1	3.9	68					
	8.1	1	7.4	91					
1340.5									
	4.0	1	4.0	100					
	3.0	1	2.5	83					
	1.6	1	1.3	81	1350.0				
	4.8	1	4.2	87					
	3.5	1	2.3	66					
	5.9	1	4.8	81					
	2.6	1	1.7	65					
1367.7	1.6	1	1.6	100					
	3.0	1	2.3	77					
	1.6	1	1.4	87	1371.0				
1373.1	0.8	1	0.2	25					
	2.5	1	1.9	76					
	2.0	1	1.3	65					
	1.8	1	1.5	83					
	5.2	1	4.4	85					
	8.3	1	4.0	48	1390.0				
1392.9									
	7.9	1	6.5	82					

Logged by R.SEKLEMIAN Drill Hole No. L-61 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1410				NXWL SOFT MUDDY ZONE OF SERPENTINE & CALCITE FRAGMENTS IN MUDDY TALC.
				VERY FINE DISS MAGNETITE & PYRITE IN SOFT CHLORITE.
				STRONG DISSEMINATED MAGNETITE WITH DISS. PYRITE & CHALCOPYRITE IN TREMOLITE-CALCITE GANGUE.
				CALCITE - SERPENTINE.
1420	60% M - 5% S			
				PROMINENT CHALCOPYRITE, WITH PYRITE, MAGNETITE, TREMOLITE & CHLORITE. ALL WAVY BANDED.
1430				
1440				
1450				FEW SMALL PIECES DARK GREEN, FINE-GRAINED TREMOLITE FELTED ROCK. POSSIBLY ALTERED ANDESITE DIKE ?
1460				
1470				CONTINUED PROMINENT CHALCOPYRITE.
				LOCAL MINERAL BANDING AT 30°
1480				
1490				
				LOCAL MINERAL BANDING AT 45°
1500	20 - 4			CRUDE MAGNETITE BANDING AT 10°-15°
				ACTINOLITE - EPIDOTE - CALCITE - GARNET SKARN WITH WEAK DISS. PYRITE.
1510				THIN BROKEN DIKE OF FINE-GRAINED HORNBLENDE ANDESITE ? PORPHYRY. AT 15°.
1520				
				RELIC ACTINOLITE "METACRYSTS" ?
1530				CONTACT - BROKEN - POSSIBLY AT 40°
				BROKEN, CLOSELY FRACTURED MASSIVE FINE GRAINED EPIDOTE ROCK WITH FINE ACTINOLITE - CHLORITE STOCKWORKS DISS. PYRITE. NXWL
1540	1% M - 2% S			EPIDOTE - ACTINOLITE SKARN. CALCITE VEINLETS. DISS PYRITE. BXWL
1550				
				WEAK MAGNETITE
1560				
				6" DARK GREEN - BLACK SERPENTINE BANDED AT 50°
1570				ACTINOLITE - TREMOLITE - FERROIC CALCITE SKARN WITH DISS PYRITE. FEW SMALL SILICEOUS PATCHES AT 1568'-15 72'
				HEMATITE STAINING ON CRACKS
1580				GREY HARD CHERTY ROCK WITH TINY SPOTS
				EPIDOTE - ACTINOLITE SKARN DISS. PYRITE.
1590				DARK ACTINOLITE - TREMOLITE ALTERED HARD CHERTY ROCK WELL BANDED AT 40°
				IRREGULAR PATCHES & BANDS OF WHITE CALCITE IN IRREGULARLY TREMOLITE - SERPENTINE - SERICITE ALTERED SPOTTED ROCK, PARTLY CHERTY. WEAK DISS PYRITE. LOCAL BLACK MANGANESE OXIDE OR CARBON ? ON FRACTURES.
1600				BROKEN EPIDOTE - ACTINOLITE SKARN. CALCITE "LACEWORKS". DISS. PYRITE".

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	3.5	1	2.1	60					
	5.2	1	3.8	73					
	4.8	1	3.8	79	1411.0				
	3.7	1	1.8	49					
	5.5	1	1.3	24					
	2.3	1	0.9	39					
1425.8	4.6	1	3.6	78					
	3.7	1	3.2	87					
	2.9	1	2.6	90	1434.0				
	8.4	1	8.4	100					
1445.4									
	3.3	1	1.6	48					
	1.2	1	1.0	83					
	2.4	1	1.9	79					
	1.2	1	0.4	33					
1454.7	1.2	1	0.4	33					
	4.7	1	3.5	75	1456.0				
	3.3	1	2.9	88					
	2.9	1	0.8	28					
	0.8	1	0.2	25					
1467.3	0.9	1	0.2	22					
	1.9	1	1.9	100					
	5.8	1	5.8	100					
1475.0					1476.0				
	8.6	1	7.8	91					
	9.0	1	8.8	98					
1493.5	0.9	1	0.9	100					
	4.1	1	4.0	100	1495.0				
	7.2	1	6.7	93					
	9.8	1	7.6	77	1504.0				
1544.6	1.5	1	1.5	100					
	9.5	1	6.1	64	1521.0				
	4.9	1	1.4	29					
1533.9	3.0	1	1.5	50					
	4.0	1	2.4	60					
1537.9	5.1	1	4.3	84	1538.0				
	6.0	1	5.3	89					
1549.0									
	2.9	1	2.2	76					
	1.7	1	0.5	29					
	4.2	1	2.3	56					
	1.6	1	1.6	100					
	4.1	1	2.3	56					
	1.8	1	0.6	33					
1565.8	0.3	1	0.1	30	1566.0				
	3.6	1	2.0	56					
	2.6	1	0.7	27					
	1.9	1	1.4	74					
	2.1	1	1.2	58					
	2.6	1	1.5	57					
	4.0	1	2.0	80					
1582.6	2.7	1	1.6	59					
	0.7	1	0.1	180					
1586.1	3.9	1	3.3	85	1590.0				
	3.8	1	3.5	92					
	3.4	1	1.4	41					
	5.8	1	1.4	37					

Project: LYON NEV. Drill Hole No. L-87 Coordinates Sheet 9 of ___

Logged by R.SEKLEMIAN ___ Collar El. ___

Depth	Es	L	M	S	Str.	Lith + Min.	DESCRIPTION
1610							1' CLAY & BRECCIA FRAGMENTS. BROKEN, FRAGMENTS WITH SEVERAL MUD PATCHES. SOFT TREMOLITE ALTERED SKARN. BXWL
							EPIDOTE - ACTINOLITE - TREMOLITE SKARN. VERY WEAK FINE DISS. PYRITE. MINOR CALCITE.
1620							BROKEN CONTACT - NO ATTITUDE. BROKEN FINE - GRAINED ANDESITE DIKE.
							EPIDOTE - ACTINOLITE SKARN. ANDESITE. ANDESITE.
1630							BROKEN EPIDOTE - TREMOLITE - ACTINOLITE SKARN.
							CONTACT GRADATIONAL WITHIN 1" IRREGULARLY EPIDOTE - TREMOLITE CHLORITE ALTERED MONZONITE PORPHYRY. MOST FELDSPARS ARE NOT SHARP. VERY FEW SPECKS PYRITE.
1640							CONTACT BROKEN. BROKEN EPIDOTE - TREMOLITE - ACTINOLITE SKARN. NO SULPIDES.
1650							
							BROKEN TO B FEW GRAY HARD CHERTY PATCHES IN EPIDOTE - ACTINOLITE - CHLORITE SKARN WITH DISS. PYRITE.
1660							HARD TO MODERATELY HARD GRAY WEAKLY TREMOLITE - CHLORITE ALTERED SILICEOUS ROCK WITH CALCITE VEINLETS & DISS. PYRITE.
1670							SEVERAL ACTINOLITE "METACRYSTS."
1680							HARD, SILICEOUS TREMOLITE - EPIDOTE SKARN WITH VAGUE BANDING AT 30° MINOR PYRITE. FINE GRAINED YELLOW - GREEN EPIDOTE PATCHES & GRAY - GREEN HARD, FINE - GRAINED TREMOLITE PATCHES. COARSE BLEBS OF PYRITE SUB - ORIENTED ALONG VERY VAGUE BANDING AT ± 40°?
1690							
1700							
1710							HARD WHITE & GRAY MOTTLED, DENSE, WEAKLY CHLORITE - ACTINOLITE ALTERED CHERTY ROCK LOCALLY "SPOTTED". DISS. PYRITE. SOME VAGUE SHADOWY SMALL WHITE AREAS.
1720							
1730							BROKEN EPIDOTE - ACTINOLITE - TREMOLITE - CHLORITE SKARN.
1740							WEAK CHLORITE - EPIDOTE ALTERED MONZONITE PORPHYRY WITH DISS. PYRITE.
1750							BROKEN FINE - GRAINED TREMOLITE - EPIDOTE - ACTINOLITE SKARN WITH WEAK DISS. PYRITE & CHALCOPYRITE.
1760							1755.1 HOLE BOTTOMED 2-12-64.
1770							
1780							
1790							
1800							

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec	Elevation	Crude Fe	Crude S	Crude Cu
1603.5	2.5	1	1.6	64				
	4.5	1	1.8	40				
	4.7	1	4.7	100				
	5.3	1	4.2	79				
	3.0	1	2.5	83	1618.0			
1625.2	4.2	1	2.9	69				
	2.1	1	1.3	62				
	4.7	1	2.9	62				
	2.8	1	1.0	36				
	5.6	1	4.9	87				
1645.6	5.2	1	3.8	73				
	4.7	1	2.1	47				
	3.5	1	2.4	69				
	3.0	1	1.0	33	1656.0			
	4.7	1	3.7	79				
	2.5	1	1.8	72				
	8.3	1	7.4	89				
	8.2	1	6.8	83				
	4.5	1	3.0	67	1681.0			
	8.2	1	8.2	100				
	5.8	1	5.8	100				
	6.2	1	6.2	100				
	4.6	1	4.6	100				
	4.0	1	3.0	75	1712.0			
	5.7	1	5.7	100				
	2.7	1	2.0	74				
	2.3	1	2.3	100				
	2.2	1	2.2	100				
	2.5	1	2.5	100				
	5.6	1	5.6	100				
	4.7	1	4.4	94	1735.0			
	1.0	1	1.0	100				
	2.0	1	1.7	85				
	4.5	1	4.5	100				
	2.7	1	2.7	100				
	2.8	1	1.1	39				
	2.6	1	2.2	85	1755.0			

Logged by R. SEKLEMIAN Drill Hole No. L 88 Collar El. _____

Depth	ESLM S.	Str.	Lith + Min.	DESCRIPTION 88
				ROTARY CUTTINGS.
				GREY-BROWN, FRESH BIOTITE QUARTZ LATITE PORPHYRY WITH NUMEROUS GLASSY QUARTZ PHENOCRYSTS. FEW WEAK LIMONITE COATINGS ON FRACTURES.

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
			188		Item	39		

Pumpkin Hollow

Project: LYON NEV.

Logged by R. SEKLEMIAN Drill Hole No. L-88 Collar El. _____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
210				PURPLISH-BROWN BIOTITE QUARTZ LATITE PORPHYRY WITH NUMEROUS GLASSY QUARTZ PHENOCRYSTS. MINOR WEAK LIMONITE ON FRACTURES.
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
390				
400				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P

Logged by R. SEKLEMIAN Drill Hole No. ____ Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
410				PURPLISH-BROWN BIOTITE QUARTZ LATITE PORPHYRY. ROTARY CUTTINGS									
420				420' CONTACT BLACK, GLASSY, VOLCANIC PORPHYRY. WEAKLY MAGNETIC.						420			
				424.7 BOTTOM OF ROTARY HOLE. NXWL	424.7	0.3	1	0.3	100	425			
						1.5	2	1.4	93				
430				WEAKLY MAGNETIC. DARK GRAY TO BLACK VOLCANIC PORPHYRY WITH WHITE PHENOCRYSTS & MINOR BIOTITE IN A DARK GLASSY GROUNDMASS. ERRATIC WEAK HEMATITE OXIDATION ALONG FRACTURES. CALCITE STOCKWORKS.		5.0	1	4.7	94				
						8.5	1	8.5	100				
440						5.0	1	5.0	100				
450	0%M - 0%S	0-2		450' EDGE OF FAULT ZONE. NO ATTITUDE FAULT BRECCIA ZONE COMPOSED OF FRAGMENTS OF WHITE MARBLE, BLACK HORNFELS, & CLAY. CALCITE STOCKWORKS. DISS PYRITE IN FAULT CLAY.		9.0	1	9.0	100				
				WHITE MARBLE WITH RELIC Bx TEXTURE. BETWEEN BANDS OF HI-GRADE GRANULAR MAGNETITE IN CALCITE & TREMOLITE. DISS. PYRITE.		4.5	1	4.5	100	455.0			
460				PROMINENT DISS. CHALCOPYRITE		0.4	1	0	0				
				DEAD ALTERED MARBLE.		4.1	2	4.1	100				
						1.0	1	0.6	60				
						3.6	1	3.6	100				
470	12%M - 2%S			THOROUGHLY BROKEN GRAY MARBLE WITH CALCITE STOCKWORKS.		5.2	1	5.2	100	470.0			
						7.4	1	7.4	100				
480						4.8	1	4.6	96	484.0			
				486.5' EDGE OF BROKEN ZONE. WEAK FAULTING? SOME TALC ALTERATION.		4.0	1	4.0	100				
490				MASSIVE GRAY MARBLE WITH VERY FINE DISS. PYRITE.		6.0	1	6.0	100				
				GRADATIONAL, INDEFINITE CONTACT.		3.5	1	3.1	89				
500				HARD GRAY, LIMY, SILICEOUS CLASTIC? SEDIMENT WITH SUGGESTION OF METAVOLCANIC TEXTURE. POSSIBLE BEDDING AT 0°		3.0	1	2.5	83				
				STRONG FINE DISS. PYRITE.									
				TALC ALTERATION OF Bx ALONG FAULTING.		6.1	1	5.7	93	507.0 *			
	0%M - 4%S			GRAY, MOTTLED CLASTIC? MARBLE WITH DISS. PYRITE.		3.4	1	3.4	100				
510				5" RUBBERY LIGHT CLAY & FRAGMENTS.		5.0	1	4.8	96				
				BROKEN WITH RUBBERY CLAY ZONES.									
				LIMY, SILICEOUS, LOCALLY HARD, GRAY, MASSIVE, CLASTIC? SEDIMENT WITH VAGUE METAVOLCANIC METACRYST TEXTURE		4.2	1	4.2	100				
520				MT DISS. PYRITE.		5.8	1	5.2	90				
530						7.1	1	6.2	87				
						3.5	1	3.5	100				
540						8.4	1	8.4	100				
550						6.3	1	6.1	97				
560						9.6	1	9.6	100				
570						6.6	1	6.2	94				
						7.5	1	7.1	95				
580						4.8	1	4.6	96				
						3.4	1	2.7	79	582.0 *			
						1.8	1	1.0	56				
				BROKEN, DISS. PYRITE.		2.5	3	2.5	100				
590						3.0	1	2.0	67				
						3.5	1	3.2	91				
						4.5	1	4.5	100				
600													

Logged by R. SEKLEMIAN Drill Hole No. L-88 Collar El. _____

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION
610	0% M - 4% S			LIGHT & MEDIUM GRAY MOTTLED, MODERATELY HARD, LIMY, SILICEOUS CLASTIC? METAVOLCANIC SEDIMENT. RELIC FRAGMENTAL TEXTURE. VERY FINE GRAINED DISS. PYRITE.
				BROKEN, ALTERED WEAK FAULT ZONE. ATTITUDE UNCERTAIN.
620				HARD, CONTINUED DISS PYRITE.
630				630 CONTACT - BROKEN - NO ATTITUDE MEDIUM GRAY. SOFT, SOMEWHAT SILICEOUS DOLOMITIC MARBLE WITH VERY FINE GRAINED SUGARY TEXTURE. WEAK PYRRHOTITE.
				WHITE & GREY MOTTLED.
640				642 - CONTACT - BROKEN - NO ATTITUDE.
650				MODERATELY HARD, GRAY, LIMY CLASTIC-TEXTURED? META-SEDIMENT WITH IRREGULAR WHITE PATCHES OF FIBROUS & FINE SUGARY WOLLASTONITE. FINE DISS. PYRITE. ROCK IS FRACTURED WITH NUMEROUS PARTLY OPEN, VUGGY CRACKS.
660				
670				6" OF SMALL FRAGMENTS & CLAY ALTERATION. SAME GRAY MOTTLED, MODERATELY HARD LIMY, SILICEOUS META-SEDIMENT, WITH CLEAR QUARTZ GRAINS. COULD BE AN ALTERED IMPURE SILICEOUS MARBLE. VERY FINE DISS. PYRITE.
680				1' ALTERED BRECCIA & CLAY - NO ATTITUDE.
690				SIMILAR METASEDIMENT WITH WOLLASTONITE ROSETTES & IRREGULAR EPIDOTE. CONTINUED BUT COARSER DISS. PYRITE. FEW SPECKS OF CHALCOPYRITE.
700				CONTINUED CLASTIC? TEXTURE. SMALL SUB-ROUNDED CLEAR GRAINS IN A FINE SUGARY MATRIX. DISS. PYRITE & V. WEAK PYRRHOTITE. FEW ALTERED METACRYSTS
710				LOCAL PROMINENT PYRRHOTITE & MINOR CHALCOPYRITE.
				LOCAL COARSE PYRITE.
720				GRAY, FINE GRAINED MODERATELY HARD LIMY, SILICEOUS CLASTIC? METASEDIMENT. FINE DISS. PYRITE. BROKEN. CONTINUED CLASTIC OR META-IGNEOUS? TEXTURE. SOFT, ALTERED METACRYSTS PREFERENTIALLY REPLACED BY PYRITE. CHALCOPYRITE =.
730	0% M - 2% S			TALC ALTERED BRECCIA & CLAY.
740				STRONG TALC ALTERATION OF BRECCIA FRAGMENTS & CLAY MATRIX. DISS PYRITE & CHALCOPYRITE = TALC ALTERED FRAGMENTS STILL RETAIN RELIC TEXTURE OF CLEAR SUB-ROUNDED GRAINS IN V. FINE GRAINED SUGARY, SPOTTED MATRIX.
750				¼" STRINGER OF PYRITE & CHALCOPYRITE.
760				CONTINUED DISS. PYRITE & SLIGHT INCREASE IN CHALCOPYRITE.
770				2-¼" BLEBS CHALCOPYRITE CONTINUED STRONG TALC ALTERATION OF BROKEN TO BRECCIATED ZONE.
780				ALTERED METACRYSTS - SOME PREFERENTIALLY REPLACED BY PYRITE.
790				
800				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	5.0	1	5.0	100					
	2.5	1	2.5	100					
	9.0	1	8.1	90					
	3.2	1	1.3	41					
	0.9	1	0.7	78					
	5.9	1	2.2	37					
	4.8	1	2.4	50					
	5.1	1	4.5	87	630.0 *				
631.5	2.5	1	2.2	88					
	7.5	1	7.3	97					
	8.5	1	7.8	92					
	5.5	1	5.0	91					
	6.0	1	6.0	100					
	3.5	1	1.8	51					
	3.5	1	3.3	94					
	7.0	1	5.4	77					
	3.5	1	2.4	69					
	7.7	1	4.8	62	684.0 *				
	3.8	1	3.5	92					
	5.2	1	5.2	100					
	5.8	1	3.3	57					
	1.0	1	1.0	100					
	6.5	1	6.0	92					
	3.5	1	2.8	80					
	4.0	1	3.8	95					
	5.0	1	4.7	94					
	9.0	1	4.1	46					
	11.0	1	4.6	42					
	2.9	1	2.4	83					
	5.6	1	5.6	100	750.0 *				
	4.0	1'	3.7	93					
	6.5	1	5.3	82					
	7.0	1	5.5	79					
	4.5	1	4.5	100					
	9.5	1	8.8	93					
	3.6	1	3.4	94					
	7.0	1	6.2	89					
	1.4	1	1.4	100					
	2.0	1	1.2	60					
	2.5	1	2.5	100					

Project: LYON NEV. Drill Hole No. 1-88 Coordinates Sheet ___ of ___

Logged by R. SEKLEMIAN Collar El. ___

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
810	0%M-2%			WEAKLY BROKEN, GRAY FINE-GRAINED, ALTERED METAVOLCANIC NXWL WITH LARGE DARK ALTERED METACRYSTS. DISS. PYRITE.		2.5	1	2.3	92					
						3.5	1	3.5	100					
						3.5	1	1.7	49	811.0				
				SOFT, GRAY-GREEN CHLORITE ALTERATION WITH IRREGULAR PATCHES & DISSEMINATIONS OF MAGNETITE. IRREGULAR CALCITE PATCHES & VEINLETS. DISS. PYRITE & CHALCOPYRITE		7.8	1	2.4	31					
820						0.1	1	0.1	100					
						3.1	1	2.1	68					
	2%M-4%S					5.5	1	0.4	73					
830				LOCAL COARSE BLEBS CHALCOPYRITE & PYRITE		0.9	1	0.5	56	828.0				
				BADLY BROKEN.		4.0	1	1.1	28					
				STRONG CHLORITE-SERPENTINE ALTERATION.		6.0	1	0.7	12					
840				PROMINENT CHALCOPYRITE.		1.0	1	0.8	80					
						0.5	1	0.5	100					
						2.5	1	1.0	40	842.0				
	8-4			IRREGULAR PATCHES OF GRANULAR MAGNETITE IN WELL BROKEN TO BRECCIATED CHLORITE-SERPENTINE-TALC ALTERATION. DISS PYRITE. LOCAL CHALCOPYRITE.		3.0	1	1.0	33					
						2.0	1	1.1	55					
850						2.5	1	1.4	56					
						1.5	1	0.9	60	851.0				
						4.0	1	1.8	45					
						1.0	1	0.9	90					
				BRECCIATED - TALC-SERPENTINE ALTERED.		3.1	1	2.3	74					
860	0%M-2%S					3.8	1	0.5	13					
						1.1	1	1.0	91					
				LOCAL PROMINENT CHALCOPYRITE.		5.0	1	0.3	60					
870						7.5	1	1.5	20					
						3.5	1	0.8	23	879.0				
880				BANDING AT 30°		1.0	1	0.9	90					
				DISS. PYRITE, MARCASITE & CHALCOPYRITE IN SERPENTINE ALTERATION.		4.0	1	0.9	22					
	5-2					5.2	1	5.2	100	889.0				
890				COARSE PATCHES OF PYRITE, CHALCOPYRITE & MARCASITE. MAGNETITE-TREMOLITE DRUSY WAVY BANDING AT 15°		7.8	1	5.3	68					
	35-4			MINERALIZATION CONTACT AT 45°						897.0				
900				DISS. PYRITE IN BROKEN EPIDOTE-SERPENTINE ALTERATION.		3.0	1	0.8	27					
						5.0	1	0.6	12					
					907.0									
	0%M-2%S					5.3	1	0.9	17					
910						4.2	1	3.8	90					
						5.0	1	1.9	38					
920						1.0	1	0.5	50					
				POSSIBLE BANDING AT 50°. BLEBS OF PYRITE & CHALCOPYRITE.		3.9	1	1.0	26					
						7.1	1	0.9	13					
930						2.7	1	1.6	59					
	2%M-2%S					2.2	1	2.0	91					
						4.6	1	0.6	13					
940						2.0	1	0.7	35					
						5.5	1	4.0	73	949.0				
				STRONG DISS. & PATCHY CHALCOPYRITE. BANDING AT 15°		3.5	1	3.3	94					
950						1.0	1	0.8	80					
						1.0	1	0.7	70					
						4.5	1	2.3	51					
960				STRONG CHALCOPYRITE		4.0	1	4.0	100					
	25%M-15%S					3.0	1	2.3	77	965.0				
						4.1	1	3.6	88					
970						4.0	1	3.4	85					
				VERY STRONG CHALCOPYRITE.		5.2	1	4.1	79					
980				982'. CONTACT - BROKEN - NO ATTITUDE.		1.9	1	0.5	26	982.0				
				BROKEN, LOCALLY ALTERED MONZONITE. WITH 2" POST-MONZONITE VEIN? OF MAGNETITE & CHALCOPYRITE AT 30°	983.2	1.8	1	1.5	83					
						1.5	1	0.5	33					
						3.0	1	2.2	73					
990				CONTINUED STRONG CHALCOPYRITE. MAGNETITE BANDS AT 30°		5.5	1	2.6	47					
	15%M-5%S			SOFT, FINE-GRAINED, GRAY-GREEN, FOLIATED MICACEOUS TALC-SERPENTINE ALTERATION.		3.0	1	2.1	70					
				MAGNETITE BANDING AT 70°										
1000														

Logged by R. SEKLEMIAN Drill Hole No. L-88 Collar El. _____

Depth	Est. M.S	Str	Lith + Min	DESCRIPTION
1000				STRONG CHALCOPYRITE & PYRITE IN CALCITE. NXWL
				1005' CONTACT BROKEN - NO ATTITUDE. CHLORITIZED & EPIDOTIZED MONZONITE
				1009' HORNBLENDE MONZONITE PORPHYRY WITH FERROMAGS ALTERED TO CHLORITE.
1010	8%M - 1/2%S			STRINGERS, BLEBS & DISSEMINATIONS OF MAGNETITE IN BANDS OF CHLORITE, SERPENTINE - EPIDOTE ALTERED HORNBLENDE MONZONITE PORPHYRY. NUMEROUS SPHENE CRYSTALS IN UNALTERED MONZONITE. NEAR DISS. PYRITE, MINOR CHALCOPYRITE.
1020				
1030	4% M - 1/2% S			LOCAL PROMINENT CHALCOPYRITE.
1040				NO ATTITUDE.
1050	40% M - 3% S			DISS. PYRITE & CHALCOPYRITE. STRONG FINE-GRAINED MAGNETITE IN SOFT GRAY-GREEN SERPENTINE ALTERATION.
				POSSIBLE BANDING AT 20°
1060				WEAKLY ALTERED MONZONITE.
				SOFT, THOROUGHLY TALC ALTERED MONZONITE BRECCIA.
1070	0% M - 1/2% S			
1080				TALC ALTERED MONZONITE BRECCIA
1090				CONTACT AT 30° ?? ± 2' OF EPIDOTE - SERPENTINE SKARN WITH A FAINT RELIC TEXTURE SUGGESTIVE OF SKARNED MONZONITE.
				½" ALTERED MAGNETITE - PYRITE BAND IN THOROUGHLY TALC ALTERED MONZONITE BRECCIA.
1100	2% M - 4% S			WHITE MASSIVE CALCITE WITH DISS. PYRITE & CHALCOPYRITE. TALC ALTERED MONZONITE.
				MASSIVE, BROKEN WHITE CALCITE WITH STRONG PATCHY PYRITE & CHALCOPYRITE. MINOR MAGNETITE.
1110				
1120				CALC
1130	25% M - 5% S			MAGNETITE AS THIN IRREGULAR SELVEGES AROUND & DISSEMINATIONS BETWEEN IRREGULAR CALCITE - TREMOLITE PATCHES IN GRAY-GREEN SOFT MICACEOUS SERPENTINE ALTERATION. COARSE DISSEMINATED PYRITE & MINOR CHALCOPYRITE.
				CALCITE WITH STRONG CHALCOPYRITE.
1140				HIGH-GRADE GRANULAR MAGNETITE WITH CALCITE GASHES LINEATED AT 25° COARSE PATCHY PYRITE & CHALCOPYRITE.
1150	0% M - 3% S			IRREGULAR CALCITE VEINS & PATCHES WITH ERRATIC SPOTS OF PYRITE & CHALCOPYRITE IN SOFT GRAY-GREEN SERPENTINE-MINOR EPIDOTE ALTERATION WITH DISS PYRITE & MINOR CHALCOPYRITE.
				INTERBANDED CALCITE & DARK GRAY-GREEN SOFT SERPENTINE ALTERATION. DISS. PYRITE, CHALCOPYRITE & MINOR PYRRHOTITE IN THE CALCITE. DISS PYRITE & MINOR CHALCOPYRITE IN THE SERPENTINE ALTERATION. NXWL
1160				BXWL
				CALCITE - SULFIDE BANDING AT 10°-15°
1170				WEAKER SERPENTINE ALTERATION, SLIGHTLY LIMY.
				DISS PYRITE & PROMINENT CHALCOPYRITE.
1180				
1190	5% M - 4% S			LOW GRADE MAGNETITE AS THIN SELVEDGES AROUND IRREGULAR CALCITE PATCHES & AS DISSEMINATIONS. DISS. PYRITE & PROMINENT CHALCOPYRITE.
1200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	4.5	1	2.5	56					
	2.5	1	1.4	56	1005.0				
	3.0	1	1.3	43					
	1.1	2	0.5	45					
	3.9	1	3.1	80					
	4.7	1	3.0	64					
	2.9	1	2.9	100					
	2.5	1	2.2	88	1022.0				
	2.0	1	2.0	100					
	1.0	1	1.0	100					
	3.5	1	3.5	100					
	0.7	1	0.6	86					
	2.3	1	1.5	65					
	3.0	1	3.0	100					
	1.7	1	1.0	59					
	1.7	1	1.7	100					
	2.0	1	0.7	35					
	1.5	1	1.5	100					
	1.5	1	0.9	60					
	1.2	1	0.6	50	1045.0				
	1.3	1	1.1	85					
	3.5	1	2.8	80					
	2.0	1	1.6	80					
	3.0	1	2.6	87					
	3.0	1	2.3	77					
	8.5	1	2.5	71	1061.0				
	2.2	1	0.4	18					
	0.8	1	0.5	62					
	7.2	1	0.8	11					
	5.0	1	0.4	8					
	8.3	1	1.8	22					
	2.0	1	0.4	20					
	4.5	1	0	0					
	1.5	1	0	0					
	4.1	1	2.3	56					
	8.0	1	8.0	100	1098.0				
	3.6	1	3.6	100					
	1.3	1	1.3	100					
	3.5	1	0.7	20					
	2.6	1	2.1	81					
	2.2	1	1.8	82					
	5.5	1	1.4	25					
	3.2	1	1.5	47	1124.0				
	0.2	1	0.2	100					
	1.8	1	0.8	44					
1132.5	3.5	1	2.8	80					
	5.5	1	5.0	91					
	4.5	1	4.5	100					
	1.0	1	1.0	100	1142.0				
	5.0	1	4.5	90					
	3.5	1	3.2	91					
	0.7	1	0.7	100					
	3.8	1	3.6	95					
	1.0	1	0.8	80					
	2.0	1	1.8	90					
	2.5	1	1.8	72					
1162.0	0.5	1	0.5	100	1162.0				
	4.8	1	4.2	87					
	6.7	1	6.5	97					
	1.5	1	1.5	100					
	8.7	1	8.4	97					
					1184.0				
	10.0	1	10.0	100					
	10.0	1	10.0	100					

Logged by R. SEKLEMIAN · Drill Hole No. L-88 · Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				BXWL						1202.0				
				BANDING AT 25°										
				BANDING ALONG CONTORTED RELIC BEDDING AT ± 30°		10.0	1	10.0	100					
1210				STEEP CONTORTED RELIC BEDDING. CONTINUED STRONG CHALCOPYRITE.										
						10.2	1	9.2						
1220														
				BANDING ALONG RELIC BEDDING AT 20°		9.8	1	9.8	100					
1230	35% M - 5% S			BANDING AT 15°										
						10.0	1	10.0	100					
1240				BANDING AT 15°						1242.0				
						10.0	1	10.0	100					
1250														
				PROBABLY STEEP RELIC BEDDING		10.0	1	10.0	100					
1260				CONTINUED DISS. PYRITE & PROMINENT CHALCOPYRITE.										
						10.0	1	10.0	100					
1270														
				RELIC BEDDING 5°-15°		10.0	1	10.0	100					
1280				GANGUE IS SAME SOFT, GRAY-GREEN SERPENTINE ALTERATION PROBABLY OF MARBLE. ?						1285.0				
						10.0	1	10.0	100					
1290														
						10.4	1	9.8	94					
1300														
						10.4	1	9.7	93					
1310														
				BANDING AT 20°										
				CONTINUED DISS. MAGNETITE AS DISSEMINATIONS & AS THIN SELVEDGES AROUND CALCITE PATCHES IN SOFT GRAY-GREEN SERPENTINE ALTERATION. DISS. PYRITE & MINOR CHALCOPYRITE.		10.0	1	9.8	98					
1320										1325.0				
				VAGUE IRREGULAR BANDING SUGGESTS CONTORTED BEDDING MOSTLY STEEP.		10.0	1	9.8	98					
1330														
						10.0	1	9.7	97					
1340										1343.0				
				WHITE CALCITE, MASSIVE, WITH MINOR COARSE PYRITE & CHALCOPYRITE.		9.0	1	8.7	97					
1350														
						10.0	1	8.7	87					
1360				STRONG PATCHY CHALCOPYRITE.										
	3% M - 4% S					10.0	1	10.0	100					
1370														
						8.5	1	8.5	100					
1380				LIGHT GRAY WEAKLY SERPENTINIZED FINELY CRYSTAL MARBLE.						1381.0				
						10.0	1	10.0	100					
1390	1% M - 1% S			DISS PYRITE & CHALCOPYRITE.										
						2.5	1	2.5	100					
				LIGHT GRAY WEAKLY SERPENTINIZED CRYSTALLINE MARBLE.		10.0	1	10.0	100					
1400														

Project: LYON NEV. Drill Hole No. L-88 Coordinates Sheet 8 of ___

Logged by R. SELLEMIAN Collar El. ___

Depth	ESI MS	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				BXWL										
1410				BANDS OF SOFT GRAY-GREEN SERPENTINE-ALTERED MARBLE CONTAINING ± 60% MAGNETITE & DISS. PYRITE & MINOR CHALCOPYRITE IN LIGHT GRAY WEAKLY SERPENTINIZED FINELY CRYSTALLINE MARBLE WITH WEAK DISS. MAGNETITE & PYRITE. CHALCOPYRITE. BEDDING IS VAGUE & SOMEWHAT DISTORTED BUT APPEARS TO AVERAGE ± 30°		10.0	1	10.0	100					
						4.0	1	3.9	98	1415.0				
1420						10.0	1	9.7	97					
1430						10.0	1	10.0	100					
1440				PROMINENT COARSE BLEBS OF CHALCOPYRITE.		10.0	1	10.0	100					
1450				THOROUGHLY TALC ALTERED BRECCIA WITH DISS PYRITE.		7.0	1	6.4		1454.0				
1460						12.2	1	1.4	11					
1470				CONTACT - BROKEN - NO ATTITUDE EPIDOTE - CALCITE MINOR SERPENTINE SKARN WITH WEAK PYRITE. CONTACT - BROKEN - NO ATTITUDE. BROKEN, ALTERED MONZONITE PORPHYRY		6.2	1	1.2	19					
						2.1	1	0.6	29					
						2.0	1	0.3	15					
1480				CONTACT - BROKEN - NO ATTITUDE. COARSE WHITE CALCITE WITH V. WEAK DISS PYRITE.		7.5	1	5.6	75					
						2.5	1	2.2	88					
1490				THIN BAND OF EPIDOTE-CALCITE SKARN - NO ATTITUDE BROKEN - ALTERED FINE-GRAINED ANDESITE CONTACT BROKEN - NO ATTITUDE		4.0	1	0.8	20					
					1492.5									
				WHITE WEAKLY SERPENTINIZED GRANULAR CALCITE.		8.0	1	7.1	89					
1500				DARK GREY FINELY CRYSTALLINE MARBLE.		5.5	1	4.4	71					
						2.7	1	2.4	89					
1510				WHITE MASSIVE WEAKLY SERPENTINIZED MARBLE.		6.2	1	4.4	71					
						2.8	1	1.6	57					
1520				THOROUGHLY BROKEN ZONE WITH CLAY & SOME MINOR SERPENTINE.		5.7	1	5.0	88					
				INTERBEDDED WHITE & GRAY MARBLE.		1.1	1	1.1	100					
1530				GRAY, FINE-GRAINED SILICEOUS MARBLE WITH NUMEROUS SMALL DARK FLECKS. CALCITE VEINLETS FRACTURED WEAK DISS. PYRITE.		8.0	1	7.5	94					
						4.0	1	4.0	100	1534.0				
1540				WELL BROKEN EPIDOTIZED - ALTERED MARBLE WITH DISS PYRITE & MINOR CHALCOPYRITE.		1.5	1	0.7	47					
						2.0	1	1.6	80					
						3.6	1	0.6	17					
						2.6	4	1.4	54					
1550				DARK GRAY THIN-BEDDED MARBLE WITH STRONG CALCITE STOCKWORKS.		4.0	1	3.4	85	1548.0				
				HARD DARK GRAY SILICEOUS MARBLE.										
1560				WELL-BEDDED, THIN-BEDDED TO LAMINATED LIGHT GRAY WEAKLY SERPENTINIZED MARBLE MINOR DISS. PYRITE.		10.3	1	9.7	94					
						6.5	1	6.2	95					
1570						10.1	1	9.6	95					
1580				FINE GRAINED MED GRAY ANDESITE WITH EPIDOTE ALTERATION.		3.2	1	2.1	66					
						4.0	1	3.2	80					
1590				LIGHT GRAY, THIN-BEDDED TO LOCALLY LAMINATED CRYSTALLINE MARBLE WITH VERY MINOR DISS. PYRITE.		8.0	1	8.0	100					
						8.2	1	8.0	98					

0%M - ½% S

20%M - 2% S

0%M - 1% S

0%M - 0.2% S

WEAK SERPENTINE

MODERATE SERPENTINE

Logged by R. SEKLEMIAN Drill Hole No. L-88 Collar El. _____

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				BXWL										
				LIGHT GRAY LOCALLY LAMINATED CRYSTALLINE MARBLE. VERY MINOR DISS. PYRITE.		10.0	1	9.7	97					
1610														
						9.0	1	8.6	96					
1620														
	0% M - 0.1% S					5.5	1	5.3	96					
1630														
						7.5	1	7.0	93					
				MEDIUM GRAY FINE-GRAINED ANDESITE. HORNBLENDE NEEDLES.		2.5	1	2.5	100					
				1636.3' HOLE BOTTOMED 9-30-63	1636.3	1.3	1	1.1	85	1636				
1640														
1650														
1660														
1670														
1680														
1690														
1700														
1710														
1720														
1730														
1740														
1750														
1760														
1770														
1780														
1790														
1800														

Project: LYON NEV.

Logged by R.SEKLEMIAN

Drill Hole No. L-89
LINE H

Coordinates

Sheet 1 of

Collar El.

Pumpkin Hollow

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
0				ALLUVIUM
5'				IRREGULARLY CLAY ALTERED, PURPLISH-BROWN BIOTITE QUARTZ LATITE PORPHYRY WITH NUMEROUS GLASSY QUARTZ PHENOCRYSTS.
10				
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
±117.5'				CONTACT
120				BLACK, GLASSY VOLCANIC PORPHYRY. WEAKLY MAGNETIC.
130				
140				
150				
155'				TAN BIOTITE QUARTZ LATITE PORPHYRY. WEAKLY ALTERED.
160				
±162.5'				BLACK GLASSY VOLCANIC PORPHYRY. WEAKLY MAGNETIC.
170				
175'				TAN, SLIGHTLY CLAY ALTERED. BIOTITE QUARTZ LATITE PORPHYRY.
180				
190				
195'				BLACK GLASSY VOLCANIC PORPHYRY WEAKLY MAGNETIC.
200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
		(183)		Item		39			

Logged by R.SEKLEMIAN Drill Hole No. L-89 Coordinates Sheet 1 of

Collar El.

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
210				210'
				TAN, ALTERED BIOTITE, QUARTZ LATITE PORPHYRY OR BIOTITE QUARTZ CRYSTAL TUFF.
220				
230				230'
				LIMONITE & HEMATITE STAINED MARBLE WITH LITTLE EPIDOTE.
240				240'
				DARK GREY LIMY SKARN ?
				245'
				WHITE MARBLE.
250				255'
260				GREY LIMY SKARN. WEAK DISS. PYRITE.
270				
280				
290				290'
				WHITE, HARD LOW MAFIC GRANODIORITE ?
300				300'
310				INTERMIXED GREY & GREY-GREEN, LIMY SKARN WITH WEAK DISS. PYRITE & MINOR WHITE MARBLE.
320				
330				
340				
350				
360				
370				
380				
390				
400				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
					210				
					230				
					300				

Logged by R. SEKLEMIAN Drill Hole No. L-89 Collar El. 400

Depth	Esl M S	Str.	Lith + Min.	DESCRIPTION
410			S	LIGHT TO GREY WEAKLY SKARNED MARBLE. FEW SPECKS DISS. PYRITE. ROTARY CUTTINGS.
420			S	
430			S	
440			S	
450			S	
460			S	Note – All 3" surface casing removed from hole. ROTARY CUTTINGS
				467.0' BOTTOM OF ROTARY HOLE. NXWL
470	0% M - 0.1% S		M	WEAKLY LAMINATED, MED GRAY CRYSTALLINE MARBLE WITH VERY WEAK DISS. PYRITE TRACE PYRRHOTITE. WEAK LIMONITE STAINING ON FRACTURES.
480			M	
490			M	
500			M	WELL LAMINATED WHITE & DARK GRAY MOTTLED (BLUE-GRAY) CRYSTALLINE MARBLE. WEAK LIMONITE COATINGS ON FRACTURES.
510			M	
			M	517.3 NO CORE. POSSIBLY DUE TO VERTICAL BEDDING SLIPS OR POSSIBLE FAULT ZONE.
520				523.7
530			M	WELL LAMINATED LIGHT GRAY & BLUE GRAY CRYSTALLINE MARBLE. WEAK LIMONITE COATINGS ON FRACTURES. FEW SPECKS DISS. PYRITE.
540			M	
550			M	
560			M	
570			M	BROKEN. LAMINATED, BLUE-GRAY CRYSTALLINE MARBLE. VERY WEAK LIMONITE COATINGS ON FRACTURES. LINEATED SMALL WHITE CALCITE BLEBS ALONG BEDDING. RELIC FOSSILS ???
580			M	
590			M	
600			M	BROKEN. SOME OPEN FRACTURES. MOST APPEAR TO BE BEDDING FRACTURES.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
467.0	5.5	1	5.2	95
	10.0	1	9.7	97
	5.0	1	4.6	92
	4.0	1	3.8	95
	4.5	1	4.0	89
	2.7	1	2.7	100
	0.3	1	0.3	100
	7.2	1	7.2	100
	7.4	1	6.8	92
	3.7	1	3.3	89
	6.4	2	0	0
	8.3	1	0.8	
	6.0	1	6.0	100
	3.0	1	2.5	83
	3.0	1	2.8	93
	3.0	1	2.6	87
	3.0	1	2.2	73
	2.0	1	1.3	65
	4.5	1	2.0	44
	3.0	1	0.7	23
	4.5	1	2.2	49
	5.5	1	2.0	36
	2.5	1	2.5	100
	2.5	1	2.5	100
	2.6	1	2.6	100
577.1	3.3	1	3.3	100
	7.2	1	7.2	100
	5.4	1	5.4	100
	3.0	1	3.0	100
	4.5	1	3.5	78

Elevation: 400; 467; 567; 667

Crude: Fe | S | Cu | P

KGR SYNOPSIS

Logged by R. SEKLEMIAN Drill Hole No. L-89 Coordinates Sheet 1 of

Collar El.

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
				THIN OPEN VUGGY FRACTURES.
610	0% M - 0% S		M	VERY WEAKLY LAMINATED TO MASSIVE BLUE GRAY CRYSTALLINE MARBLE WITH WHITE CALCITE BLEBS THAT MAY REPRESENT RELIC FOSSILS. ? MARBLE MAY BE A METAMORPHOSED CARBONACEOUS, FOSSILIFEROUS LIMESTONE.
620			M	
630			M	
640			M	BEDDING MAY BE ABOUT 10°
650			M	
660				
670				Poss. 667.5 HARD, DENSE, WHITE CHERT. BEDDING AT 15° 669.5 WHITE CRYSTALLINE MARBLE 671.5 WAVY-LAMINATED BLUE-GRAY CRYSTALLINE MARBLE WITH CALCITE BLEBS AFTER RELIC FOSSILS?
680			M	678.5 WHITE CRYSTALLINE MARBLE. DISS. PYRITE.
690	0% M - 0.5% S		M	683.5 LAMINATED MED. GRAY CHERT WITH DISS. PYRITE. 687.5 WHITE & GREY IRREGULARLY MOTTLED CRYSTALLINE MARBLE WITH SILICEOUS PATCHES. LIMONITE STAINING ON FRACTURES. WK. DISS. PY.
700			M	694.0 WHITE & GRAY MOTTLED CRYSTALLINE MARBLE AFTER CARBONACEOUS, FOSSILIFEROUS? LMS. LOCAL LAMINATIONS.
710			M	
720				MOSTLY MED. GRAY HARD LAMINATED CHERT WITH MINOR SILICEOUS MARBLE. DISS. PYRITE ALONG BEDDING. (CRYSTALLINE SILICEOUS MARBLE WITH WEAK EPIDOTE & DISS. PYRITE. 721.0' HOLE BOTTOMED AUGUST 1, 1963
730				
740				
750				
760				
770				
780				
790				
800				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	6.9	1	5.7	83
610	5.0	1	5.0	100
	6.7	1	6.7	100
620	7.4	1	7.4	100
630	6.2	1	6.2	100
	6.3	1	6.3	100
640	7.5	1	7.0	93
650	7.0	1	7.0	100
	5.0	1	4.8	96
660	5.5	1	5.2	95
	3.5	1	3.0	86
670	5.0	1	4.3	86
	2.0	1	1.2	60
680	10.0	1	9.1	91
	4.5	1	4.0	89
689.0	6.0	1	1.8	30
690	5.0	1	5.0	100
700	4.1	1	4.1	100
	2.2	1	2.2	100
710	4.4	1	1.6	36
	3.0	1	2.5	83
	0.8	1	0.4	50
720	6.5	1	3.3	5.1
721.0				

Elevation	Crude Fe	Crude S	Crude Cu
667			
TD			

Logged by R. BERKLEMISH

Collar El. _____

Pumpkin Hollow

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION 90
				ROTARY CUTTINGS
10				FRESH, BROWN-PURPLE, BIOTITE QUARTZ LATITE PORPHYRY WITH NUMEROUS GLASSY QUARTZ PHENOCRYSTS.
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				
160				
170				
180				
190				
200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P

Logged by R. SEKLEMIAN Drill Hole No. L-90 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
210				FRESH. BROWN-PURPLE BIOTITE QUARTZ LATITE PORPHYRY. ROTARY CUTTINGS
220				
230				
240				
250				
260				
265				ALTERED BIOTITE QUARTZ LATITE PORPHYRY. ROCK GRADES FROM BROWN-PURPLE AT 265' TO BUFF AT 315' AS ALTERATION INCREASES. BIOTITE REMAINS FRESH.
270				
280				
290				
300				
310				
315				CONTACT
320				WHITE MARBLE.
330				
340				BLACK MARBLE WITH DISSEMINATED PYRITE.
350				
355				BLACK MARBLE WITH PYRITE & MAGNETITE. ± 20%? ROTARY CUTTINGS
359				BOTTOM OF ROTARY HOLE.
360	45.4			WEAKLY OXIDIZED, HEMATITE-STAINED MAGNETITE IN TREMOLITE ALTERATION. CALCITE STOCKWORKS. DISS. PYRITE & CHALCOPYRITE. NXWL
				CONTACT AT 30°
				BEDDING AT 25°
370				BROKEN LIGHT CRYSTALLINE MARBLE, LIMONITE-STAINED & LIMONITE COATINGS ON FRACTURES. LIMONITE PSEUDOMORPHS AFTER PYRITE.
380	0%M-0%S			BEDDING AT 55°
				GRAY MARBLE WITH MINOR WHITE MOTTLING. WEAKLY BROKEN. CALCITE STOCKWORKS. LIMONITE ON FRACTURES.
390				BEDDING AT 65°
				CONTINUED LIMONITE COATINGS & LIMONITE PSEUDOMORPHS AFTER WEAK DISS. PYRITE.
400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
359.0	3.4	1	1.5	44
	2.4	1	2.4	100
	3.9	1	3.1	79
	5.5	1	4.8	87
	3.9	1	1.0	26
	3.0	1	3.0	100
	8.6	1	2.7	31
	4.0	1	3.4	85
	5.8	1	3.4	59

Elevation	Crude Fe	Crude S	Crude Cu	Crude P
265				
315				
340				
352.0				
359.0				
365.0				

WATER SAMPLED

Logged by R.SEKLEMIAN Drill Hole No. 1-90 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
410				BEDDING AT 40°. RELIC FOSSILS?
				LIGHT TO DARK GRAY CRYSTALLINE MARBLE WITH CALCITE STOCKWORKS. BROKEN. SOME VUGGY SOLUTIONING. LIMONITE ON FRACTURES.
420				423' CONTACT - NO ATTITUDE.
				LIGHT GRAY CRYSTALLINE SILICEOUS MARBLE. BROKEN. WEAK LIMONITE ON FRACTURES.
430				429' CONTACT BROKEN - NO ATTITUDE.
				LIGHT GRAY LOCALLY BLEACHED, BROKEN, CRYSTALLINE MARBLE, MASSIVE. LIMONITE COATINGS ON FRACTURES. LIMONITE PSEUDOMORPHS AFTER DISS. PYRITE.
440				
450	0%M-0%			BEDDING AT 30°
				BEDDING AT 30°
460				
470				CONTINUED BROKEN WITH LIMONITE COATINGS & PSEUDOMORPHS.
				MINOR REMNANT DISS. PYRITE.
				LESS BROKEN
480				BEDDING AT 20°. WEAKER LIMONITE.
490	5-15			CALCITE PATCHES WITH ASSOCIATED WEAK SPOTTY GRANULAR MAGNETITE & PATCHES & BLEBS OF PYRITE PARTLY OXIDIZED TO LIMONITE, CHALCOPYRITE. PARTLY OXIDIZED TO MALACHITE, SOME CHALCOCITE & MINOR NATIVE COPPER. PATCHES OF TALC-ALTERED MARBLE IN MINERALIZED ZONE.
				LIMONITE STAINED BLEACHED WHITE MARBLE.
500				PYRITE & LIMONITE.
				SOME CALCITE LINED OPEN FRACTURES & SOLUTION CAVITIES.
510	0%M-4%			PYRITE-LIMONITE & NATIVE COPPER"
				WHITE, MODERATELY HARD, WEAKLY EFFERVESCENT COARSELY CRYSTALLINE DOLOMITIC? MARBLE WITH COARSE DISSEMINATED PYRITE & MINOR CHALCOPYRITE. SOME OXIDATION LOCALLY TO LIMONITE & HEMATITE WITH ADJACENT STAINING. ZONE IS WELL BROKEN.
520				GRAY-GREEN WEAKLY TALC ALTERED MARBLE WITH DISS PYRITE & CHALCOPYRITE
530				MODERATELY HARD LIGHT GRAY DOLOMITIC MARBLE, WELL BROKEN WITH WEAK DISS PYRITE. SOME CHALCOPYRITE. SILICEOUS.
				TALC ALTERATION
540	25%M-4%			MODERATELY HARD WHITE SILICEOUS MARBLE WITH LOCAL WEAK DISS. MAGNETITE & DISS. PYRITE. BROKEN
550				MAGNETITE IN CALCITE-CHLORITE ALTERATION WITH DISS. PYRITE & CHALCOPYRITE.
560				DISS. PYRITE & CHALCOPYRITE IN WHITE MARBLE WITH WAVY GRAY-GREEN TALC MARBLING.
				563' CONTACT - NO ATTITUDE.
570	0%M-0%			BROKEN, CHLORITE ALTERED, MONZONITE OR GRANODIORITE. FERROMAGS COMPLETELY ALTERED TO CHLORITE. PROMINENT FELDSPAR PHENOCRYSTS IN LIGHT APHANITIC GROUNDMASS. NUMEROUS FINE SPHENE CRYSTALS. FEW SPOTS & PATCHES OF EPIDOTE. SOME IRREGULAR QUARTZ VEINLETS.
580				
590				WEAK DISS. PYRITE.
				594' CONTACT BROKEN - TALC ALTERED - NO ATTITUDE.
600				LIGHT & DARK GRAY MARBLIZED CRYSTALLINE MARBLE WITH IRREG. CALCITE STOCKWORKS & WEAK SPOTTY PYRITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	8.0	1	6.8	85
	5.5	1	1.3	24
	7.7	1	7.7	100
425.0	4.3	1	3.2	74
	3.4	1	3.0	88
	3.8	1	3.8	100
	6.2	1	6.0	97
	3.4	1	1.5	44
	3.2	1	3.2	100
	3.5	1	3.2	91
	5.0	1	3.8	76
	3.6	1	2.2	61
	2.7	1	2.0	74
	6.5	1	3.0	46
	5.0	1	5.0	100
	4.4	1	3.5	80
	9.3	1	9.3	100
	11.0	1	8.2	75
	5.5	1	4.3	78
	6.5	1	1.2	18
	7.0	1	1.2	17
	7.2	1	6.4	89
	1.4	1	1.0	71
	4.2	1	2.7	64
	2.1	1	1.0	48
	3.3	1	1.7	52
	8.3	1	8.0	96
	6.1	1	5.6	92
	5.1	1	5.1	100
	5.9	1	4.9	83
	4.4	1	1.7	39
	4.0	1	3.4	85
	1.7	1	1.3	77
	4.3	1	3.8	88
	10.3	1	5.5	53
	2.7	1	0.6	22
	3.0	1	0.8	27
	2.1	1	1.8	86
	1.7	1	0.8	47
	1.2	1	0.9	75
	6.4	1	6.4	100

Elevation	Crude Fe	Crude S	Crude Cu
365			
486.0			
507.0			
528.0			
541.0			
563.0			
692			

TERMINATED IN HOST SEDIMENTARY

Logged by R. SEKLEMIAN Drill Hole No. L-90 Coordinates Sheet 4 of

Collar El. 563

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
610	0% M - <0.1% S			DARK GREY & WHITE MARBLIZED FOSSILIFEROUS CRYSTALLINE MARBLE. VERY WEAK DISS. PYRITE. WEAK CALCITE STOCKWORKS.
620				WEAK TALC ALTERATION - FEW SPECKS OF PYRRHOTITE.
				HARD, TAN, PORPHYRITIC TEXTURED METAVOLCANIC SEDIMENT DISS. PYRITE
630				MASSIVE MED. GRAY WITH SOME DARK GRAY MAKBLING. CRYSTALLINE MARBLE. SOME RELIC FOSSILS. VERY WEAK DISS. PYRRHOTITE.
640				
650				
				POSSIBLE BEDDING AT 35°
660				V. WEAK DISS. PYRITE.
670				
680	<1% M - 4% S			VERY WEAK DISS. MAGNETITE & PYRITE.
				RELIC BEDDING 40°
690				PATCHES OF MAG.
				SKARNED ZONE IN MARBLE
700	1% M - 4% S			
710				MAG. IN MASSIVE MARBLE
720				
730	8% M - 2% S			1" CALCITE VEIN WITH PYRITE
740				RELIC BANDING AT 40°
750				
				FAULT ZONE; HANGING WALL AT 20°, FAULT GOUGE
760	<1% M - <0.1% S			
				BEDDING VARIES FROM 5°-20°
770				MASSIVE GREY CRYSTALLINE MARBLE, WEAK DISS MAG SULFIDES WEAKLY DISS. & IN FRACTURES
780				
790	2% M - 1% S			
800				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	5.2	1	5.2	100
	4.1	1	4.1	100
	6.0	1	6.0	100
	6.3	1	6.3	100
	3.7	1	2.7	73
	6.3	1	6.0	95
	1.5	1	1.5	100
	9.0	1	8.6	96
	10.2	1	9.8	96
	9.5	1	9.5	100
	9.4	1	9.4	100
	6.6	1	6.0	91
	2.1	1	2.1	100
	3.7	1	3.7	100
	5.5	1	5.5	100
	3.5	1	3.5	100
	3.0	1	3.0	100
	3.0	1	3.0	100
	5.5	1	5.5	100
	4.0	1	4.0	100
	5.5	1	5.5	100
	7.6	1	7.4	97
	9.1	1	9.1	100
	5.8	1	5.8	100
	9.0	1	9.0	100
	6.0	1	6.0	100
	3.0	1	2.5	83
	1.2	1	1.2	100
	3.8	1	2.8	74
	1.2	1	1.2	100
	2.7	1	2.3	85
	2.4	1	2.4	100
	2.0	1	2.0	100
	4.2	1	3.2	76
	1.7	2	1.7	100
	1.3	4	0.7	54
	2.5	3	1.6	64
	2.3	1	0.8	35
	4.2	1	4.0	95
	9.1	1	9.1	100
	3.5	1	3.5	100
	9.2	1	9.2	100

Elevation: 692.0; 714.0; 740.0; 764.0 *

Crude: Fe | S | Cu | P

Logged by MDO Drill Hole No. L-90 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
810	2% M-1% S			MASSIVE GREY CRYSTALLINE MARBLE, WEAK DISS. MAG. & SULFIDES, FOSS. ?
820				STEEP FAULT (5°-10°) WITH GOUGE
				MAG. FINELY DISS. + IN HEALED FRACTURES
830				BEDDING DIPS AT 20°
840				
850				TALC ALTERATION
860				SHARP FAULT, STRIATIONS DIP 20°
870				
880				BROKEN FAULT ZONE
890				BASIC DIKE IN FAULT ZONE
900	20% M-2% S			SKARN + MAG
910				MASSIVE GREY MARBLE, WEAK DISS. MAG. + SULFIDES
920	2% M-1% S			
930				SKARN & MAG. WITH SULFIDES, FEW FRAGMENTS MARBLE REMAIN
940	2.0% M-2% S			
950				
960				
970	<1% M-1% S			SKARN WITH SULFIDES
980				0.3' FAULT GOUGE
				1.2' SILICEOUS BAND, DARK GREY
990				SKARNED METASEDIMENTS WITH SILICEOUS BEDS AT 15°
1000				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
	1.2	1	0.9	75				
	8.8	1	7.4	88				
817.8	1.0	1	1.0	100				
	1.7	1	1.7	100				
	2.5	1	2.5	100				
	4.3	1	4.3	100				
	8.7	1	8.7	100				
	10.0	1	10.0	100				
	10.0	1	10.0	100	849.0			
855.0								
	10.0	1	10.0	100				
869.0	4.0	1	4.0	100				
	10.0	1	9.2	92				
	3.5	1	3.5	100				
	6.0	1	5.7	95				
	4.0	1	3.0	75				
	2.0	3	2.0	100				
	2.0	2	2.0	100	896.0			
	2.2	1	1.7	77				
	2.5	1	2.5	100				
	2.8	1	2.8	100				
	9.5	1	9.5	100				
	9.5	1	9.0	95	913.0			
	9.9	1	9.9	100				
	6.6	1	6.6	100	933.0			
	10.5	1	10.5	100				
	10.0	1	10.0	100	949.0			
	1.2	1	1.0					
	8.2	1	8.2	100	964.0			
	3.6	1	3.2	88				
	3.5	1	3.0	86				
	0.5	1	0.5	100				
	4.0	1	4.0	100				
	6.0	1	6.0	100				
	3.5	1	3.5	100				
	3.5	1	3.5	100				
	3.0	1	2.7	90				
	7.0	1	6.4					

Logged by MDO Drill Hole No. L-90 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1010	<1% M - 1% S			1' BASIC DIKE METASEDIMENTS, SKARNED + QUARTZITE BEDS AT 15°, MINERALIZATION PARALLELS BEDDING
1020				
1030	15% M - 2% S			SKARN + CHLORITE WITH MAG. + SULFIDES
1040				
1050	<1% M - 1% S			FAULT; GOUGE + Bx, SLICK PLANE AT 65°
1060				
1070				MONZONITE, HIGHLY BROKEN T. D. 1075.5 8-22-63
1080				
1090				
1100				
1110				
1120				
1130				
1140				
1150				
1160				
1170				
1180				
1190				
1200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
	1.4	2	1.4	100				
	7.6	1	7.6	100				
	9.0	1	9.0	100				
	10.0	1	10.0	100				
					1029.0			
	6.5	1	6.5	100				
	7.0	1	7.0	100				
	8.0	1	6.0	75				
					1052.0			
	5.5	1	2.1	38				
	6.5	1	2.2	34				
	3.2	1	2.0	62				
	4.3	1	1.0	23				
	3.0	3	1.5	50				
					1075.5			

Project: LYON NEV. Drill Hole No. L-112 Coordinates _____ Sheet 1 of ____

Logged by K BROWNELL _____ Collar El. _____

Pumpkin Hollow

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
10				LT. GREY GRADING TO SALMON RED RHYOLITE PORPHYRY WITH PROMINENT QUARTZ PHENOCRYSTS AND SPARSE BIOTITE FLAKES. WEAKLY IRON STAINED
20				
30				
40				
50				
60				
70				
80				
90				
100				
110				
120				
130				
140				
150				ZONE OF MODERATE IRON STAINING
160				
170				
180				
190				
200				

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
			188		Hem	3			

Logged by R.BROWNELL — Collar El. ____

Depth	Est M,S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation 200	Crude Fe	Crude S	Crude Cu	Crude P
210				LT GREY GRADING TO SALMON RED RHYOLITE PORPHYRY WITH PROMINENT QUARTZ PHENOCRYSTS AND SPARSE BIOTITE FLAKES - WEAKLY IRON STAINED — ROTARY CUTTINGS										
220														
230														
240														
250														
260				SKARN ~ COPPER OXIDE (BRIGHT GREEN), MAGNETITE LIMONITE, CALCITE						255.0 / 260.0 / 265.0				
270	20%M-3%S			BOTTOM OF ROTARY HOLE — NXWL TREMOLITE-CHLORITE SKARN W/NEAR MASSIVE MAGNETITE - BLEBS & DISS OF PYR & C.PYR. CALCITE — CALCITE STOCKWORKS — SOME LIMONITE STAINING. RUBBLY, CLAYEY ZONE - SKARN HAS VAGUE IGNEOUS TEXTURE — POSSIBLE ?FAULT ZONE?		4.0 2.6 2.2	1 1 1	2.0 2.3 1.4	50 89 64					
280				CHLORITE-TALC "SERPENTINE"		5.0	1	4.8	96	283.0				
290	30-10			MAGNETITE MASSIVE -W/CHLORITE-TREMOLITE SKARN — STRONG PYRITE & C.PYR. BLEBS, DISS & STRINGERS — CALCITE STOCKWORKS CHALCOPYRITE QUITE STRONG 6" RUBBLY CLAYEY ZONE - CHLORITE-TALC MAG. BECOMING STRONGLY DISSEMINATED — BANDS & PATCHES OF CHLORITE-TALC "SERPENTINE" 8" BROKEN ZONE — FAULT? — ROCK CHANGE FOLLOWS - END OF C.PYR.		10.0 6.8	1 1	9.0 6.4	90 94	291.0 298.0				
300	3-3			WHITE MARBLIZED LIMESTONE ~ DISS. MAG. & PYR. — CHLORITE-TALC ALONG SOME FRACTURES.		6.0	1	5.8	97	307.0				
310	0-1			RUBBLY, CLAYEY ZONE BLUE-GRAY MARBLIZED LIMESTONE W/CALCITE STOCKWORKS — BEDDING @ 35°-15° V. STRONG LIMONITE ON FRACTURES. - SULFIDES OXIDIZED 2" GOUGE ZONE FOLLOWED BY IGNEOUS (ANDESITE ?) DIKE — BOTTOM CONTACT CHILLED @ AT 70° WHITE TO LT. GRAY MARBLE FADES INTO...		8.1	1	8.1	100	313.0				
320				BLUE-GRAY ERRATICLY MARBLIZED LIMESTONE - CALCITE STRINGERS & STOCKWORKS MODERATE IRON STAINING ON FRACTURES BEDDING @ 30° TO 38°		10.0	1	9.6	96					
330						9.0	1	9.0	100					
340				BEDDING FADES BEDDING @ 20°		10.0	1	10.0	100					
350						6.4	1	6.4	100	349.0				
360				25° 20°		10.0	1	10.0	100					
370	0%M-TR S			25° 20° 15°		10.0	1	10.0	100					
380				10° 5°		9.0 5.5	1 1	9.0 4.6	100 84	385.0				
390						8.7	1	8.7	100					
400						9.6	1	9.6	100					

Logged by KBROWNELL Drill Hole No. L-112 Collar El. _____

Depth	ESLM,S	Str	Lith + Min	DESCRIPTION
410				ERRATICLY MARBLIZED BLUE-GRAY LIMESTONE — CALCITE STRINGERS & STOCKWORKS — MINOR PYRITE — BEDDING @ 10°-15° GENERALLY — SOME PYRRHOTITE NXWL
				CALCITE STRINGERS & MINOR FRACTURES @ 60°.
420				
430				BEDDING FLATTENS.
440				
450				
460				
470				50°
				60°
480				
				50°
490				
500				
510				60°
				40°
520				45°
530				
540				
550				
				40°
560				2' SHATTERED ZONE
				PYRITE INCREASING
570				MINOR MAGNETITE
				CLAY ALTERED BROKEN ZONE - SOME WHITE TALC — V. FINELY DISS PYRITE — PATCHY EPIDOTE SEARING
580				TREMOLITE - CHLORITE - EPIDOTE - GARNET SCARNED MARBLE — BROKEN — V F DISS PYR
				CHLORITE - TALC "SERPENTINE" — WHITE TALC MUD
590				PARTLY "SERPENTINITED" MARBLE W. EPIDOTE — V.F DISS PYRITE
				40°
600				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	3.4	1	3.4	100					
	5.1	1	5.1	100					
	9.1	1	9.1	100	421.0				
	9.6	1	9.6	100					
	0.4	1	0.4	100					
	9.5	1	9.5	100					
	3.1	1	3.1	100					
	7.2	1	7.2	100	451.0				
	9.7	1	9.7	100					
	6.2	1	5.8	94					
	10.0	1	9.8	98					
	8.3	1	8.3	100	486.0				
	4.5	1	4.5	100					
	6.0	1	6.0	100					
	8.5	1	8.5	100					
	6.2	1	6.2	100					
	8.6	1	8.6	100	519.0				
	10.1	1	9.8	97					
	8.1	1	8.1	100					
	7.9	1	7.9	100					
	8.5	1	8.5	100	553.0				
	7.1	1	7.1	100					
	9.0	1	9.0	100					
	4.0	1	3.5	88	572.0				
	5.4	1	4.5	83					
	4.4	1	3.8	86					
	3.8	1	3.4	89					
	7.5	1	6.8	91	589.0				
	5.0	1	4.8	96					

Logged by K BROWNELL Drill Hole No. L-112 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
610	0% M. 5% S		S	WHITE TO LT GREY MARBLE W/ EPIDOTE - PATCHY "SERPENTINIZATION" NXWL VERY FINELY DISSEMINATED PYRITE — CALCITE STRINGERS & STOCKWORKS. — NO BEDDING INCLINATIONS NOTED		8.0	1	7.8	98					
						1.4	1	1.4	100					
			S			93	1	89	96					
620			S	FRACTURES @ 10°										
				FRACTURE @ 20°		53	1	50	94					
				623.7 — HOLE BOTTOMED 9-30-64						624.0				
630														
640														
650														
660														
670														
680														
690														
700														
710														
720														
730														
740														
750														
760														
770														
780														
790														
800														

Logged by E.A. Drill Hole No. L91 Collar El.

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				0 - 365' Brown qtz. latite.
100				
200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	Rotary Cuttings to 437'		188			Item 39			

Pumpkin Hollow

Project: LYON NEV. Drill Hole No. L-91 Coordinates Sheet 2 of ___

Logged by EA Collar El. ___

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION
200				
210				Brown qtz. Latite to 365'
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370			S	365-370 Iron stained skarn and meta-Volc. Sediments.
380			S	370-437 Hard, grey-green-black, epidotized meta-Volc' sediments. Minor dissem. pyrite.
390			S	
400			S	

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude F
					Rotary Cuttings to 437'				

Logged by R. SEKLEMIAN Drill Hole No. ____ Collar El. ____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
410				
420				
430				
440	0% M-1% S			SILICIFIED TREMOLITE-EPIDOTE SKARN. THIN CALCITE STOCKWORKS. WK DISS. PYRITE & MINOR PYRRHOTITE. FRACTURED TO BROKEN.
450				BROKEN TO LOCALLY BRECCIATED, LOCALLY SILICIFIED GARNET-TREMOLITE-EPIDOTE-CALCITE SKARN. DISS. PYRITE.
460				APPROXIMATE CONTACT ? VERY POOR CORE RECOVERY IN TREMOLITE-EPIDOTE-CALCITE SKARN. WK. PYRITE. CALCITE VEINLETS.
470				STRONGLY FRACTURED TO BROKEN, PARTLY SILICIFIED. HARD, EPIDOTE-TREMOLITE-GARNET SKARN. WK. DISS. PYRITE & CHALCOPYRITE.
480				LOCAL BANDING AT 20°
490				WK. ERRATIC PYRRHOTITE. LITTLE OR NO CHALCOPYRITE. VERY POOR CORE RECOVERY. CONTINUED, LOCALLY BANDED, PARTLY SILICIFIED SKARN.
500				STEEP SHEARING WITH SERPENTINE ALTERATION. EXTREMELY POOR CORE RECOVERY. MUCH CAVE FROM ABOVE.
510				FEW PIECES GARNET-TREMOLITE SKARN. DISS. PYRITE.
520				THOROUGHLY FRACTURED PARTLY SILICIFIED EPIDOTE-GARNET-TREMOLITE SKARN. DISS. PYRITE & CHALCOPYRITE.
530				
540				
550				BRECCIATED. FRIABLE.
560				
570				BROKEN GARNET-TREMOLITE-CALCITE SKARN. PYRITE.
580				BROKEN F.G. TREMOLITE-CALCITE SKARN. LOCAL DISS. MAGNETITE. DISS. PYRITE & CHALCOPYRITE.
590	20			PARTLY SILICIFIED GARNET-TREMOLITE-EPIDOTE SKARN. DISS. PYRITE, PYRRHOTITE & CHALCOPYRITE.
600				

Rotary Cuttings

N.X. W.L.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
437.0				
439.0	2.0	1	2.0	100
	1.5	1	1.5	100
	1.1	1	0.3	27
	2.5	1	2.5	100
	1.8	1	0.2	11
	1.4	1	0.3	22
	3.2	1	1.0	31
	2.2	1	0.8	36
	0.5	1	0.2	40
	6.4	1	3.5	55
460.9	1.4	1	0.6	43
	3.3	1	1.4	42
	0.9	1	0.3	33
	1.1	1	0	0
	0.5	1	0	0
	1.0	1	0.4	40
	2.0	1	0.4	20
	1.2	1	0.9	75
	4.0	1	0.3	13
474.9				
	4.2	1	0.2	5
479.1				
	5.9	1	4.0	68
	4.6	1	4.0	87
	5.2	1	0.5	10
	5.7	1	2.2	39
500.5	0.9	1	0.1	11
	1.6	1	0.6	38
	2.3	1	0.5	22
	6.7	1	2.0	30
	3.0	1	0.2	7
517.2	2.2	1	0.1	5
	5.2	1	2.4	46
	5.2	1	2.9	56
	3.4	1	0.2	6
	4.5	1	2.4	53
	3.3	1	1.4	42
	1.5	1	0	0
	1.9	1	0.4	21
	3.6	1	2.7	75
547.8				
550.0	2.2	1	0.5	23
	0.4	1	0.4	100
	10.0	1	1.4	14
	5.2	1	2.5	48
565.6				
	5.4	1	0.9	16
	5.4	1	2.7	50
	4.0	1	1.0	25
	7.0	1	1.0	14
	0.9	1	0.4	44
	3.3	1	1.6	49
593.1	1.5	1	0.7	47
	2.1	1	0.9	43
	2.1	1	1.4	67
	5.0	1	0.7	14

Elevation	Crude Fe	Crude S	Crude Cu	Crude P
365				
437.0				
470.0				
485.0				
550.0				
589.0				

Logged by R. SEKLEMIAN Drill Hole No. 1-91 Collar El. _____

NXWL

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
610	5%M-5%S			BANDED MAGNETITE W. CHALCOPYRITE & PYRITE IN F.G. EPIDOTE-TREMOLITE CALCITE SKARN.
620				POOR CORE RECOVERY. PARTLY SILICIFIED GARNET-EPIDOTE-TREMOLITE-CALCITE SKARN. DISS. PYRITE & CHALCOPYRITE". LOCAL MAGNETITE.
630				NO CORE
640				
650	0-4			VEINLETS & DISSEMINATIONS OF PYRITE & MINOR CHALCOPYRITE IN FRACTURED TO BRECCIATED TREMOLITE-EPIDOTE-GARNET-CALCITE SKARN.
660	0%M-1%S			SOFT DARK GRAY-GREEN SERPENTINE. MINOR PYRITE.
				WHITE CALCITE WITH MINOR TREMOLITE & SERPENTINE. BLEBS OF CHALCOPYRITE. LOCAL BANDING AT 40°.
670	25%M-3%S			PATCHY DISSEMINATED MAGNETITE W. PYRITE & MINOR CHALCOPYRITE IN GARNET +- EPIDOTE-TREMOLITE-CALCITE SKARN. MUCH OF THE MAGNETITE IS MATRIX BETWEEN GARNET CRYSTALS.
680				
690				
700				
710				
720				
730				
740				
750				
760	13%M-2%S			
770				
780	0-1			
790				MEDIUM GRAINED CHLORITIZED SHADOWY-TEXTURED MONZONITE. PARTLY EPIDOTE SKARNED TO 788'. DISS. PYRITE & MINOR LOCAL CHALCOPYRITE.
800				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	1.8	1	1.2	67
	0.9	1	0.9	100
	2.8	1	0.8	28
	3.1	1	0.5	16
610.9				
	2.8	1	0.8	28
	2.9	1	0.5	17
	3.2	1	0.4	12
	1.2	1	0.7	59
	0.7	1	0.4	57
	2.5	1	0.8	32
	5.0	1	2.5	50
	5.0	1	0	0
634.2				
	3.3	1	0	0
	2.0	1	0	0
	2.0	1	0	0
	0.9	1	0	0
	0.8	1	0	0
	1.9	1	0	0
	2.0	1	0	0
	2.4	1	0	0
	1.0	1	0	0
	1.1	1	0	0
	2.4	1	0.7	29
654.7	0.6	1	0.4	67
	0.2	1	0.1	50
	1.6	1	1.3	83
	1.5	1	1.0	67
	1.5	1	0.8	53
	4.8	1	4.2	88
	2.5	1	2.3	92
	5.0	1	4.7	94
	4.4	1	4.3	98
	4.8	1	4.8	100
	7.9	1	7.9	100
	9.9	1	9.9	100
	10.1	1	10.1	100
708.7				
	10.0	1	10.0	100
	10.0	1	10.0	100
	8.6	1	8.6	100
	10.0	1	10.0	100
	8.9	1	8.9	100
	9.7	1	9.7	100
745.9				
	9.1	1	9.1	100
	3.0	1	3.0	100
	10.0	1	9.4	94
	3.7	1	3.3	89
	3.2	1	2.5	78
	1.9	1	1.6	84
796.8				
	1.9	1	0.8	42
	1.0	1	0.2	20
	0.8	1	0.3	41

Elevation	Crude Fe	Crude S	Crude Cu	Crude P
611.0				
629.0		NO SAMPLE		
653.0				
659.0				
670.0				
705.0				
733.0				
741.0				
785.0				

Project: LYON NEV. Drill Hole No. L-91 Coordinates Sheet 5 of ___

Logged by R. SEKLEMIAN Collar El. ___

Depth	Est. M.S	Str.	Lith + Min	DESCRIPTION
810	0%M - 5%S			FINE TO MEDIUM GRAINED CHLORITIZED SHADOWY TEXTURED MONZONITE. Diss. PYRITE. FRACTURED. NXWL
820				1/8" CALCITE-PYRITE VEINLET AT 30° W. 1/16" MAGNETITE SELVEDGE AT CENTER OF 3" EPIDOTE-TREMOLITE SKARN BAND. W. PYRITE & CHALCOPYRITE.
830				FRACTURED EPIDOTE-TREMOLITE-GARNET-CALCITE SKARN. DISS. PYRITE & CHALCOPYRITE.
				FRACTURED CHLORITIZED, SHADOWY-TEXTURED MONZONITE. DISS. PYRITE & CHALCOPYRITE.
840				1/4" DISCONTINUOUS MAG. STRINGER IN 2" TREMOLITE-EPIDOTE SKARN BAND AT 20° - BLEBS & DISS & VEINLETS OF PYR. & C.PYR. - MINOR PYRR. LOCAL WEAK CALCITE STOCKWORKS W/SOLUTION CHANNELS
850				≈ 2" OF FRACTURES CONTAINING SINGLY ORIENTED FIBEROUS XLS. OF TREMOLITE
860				PARTLY SERPENTINIZED TREMOLITE-EPIDOTE-CALCITE-GARNET SKARN - SOME TALC BRECCIA - BANDS OF FIBEROUS TREMOLITE - WK. CALCITE STOCKWORKS - BLEBS & DISS. PYR. & C.PYR.
				SAME SERPENTINIZED SKARN ROCK.
870				TUBE DID NOT LATCH - CORE LOST - ROCK PROBABLY SAME MONZONITE AS ABOVE
880				SHADOWY TEXTURED, CHLORITIZED MONZONITE W/SPORADIC POORLY FORMED SPHENE XLS. - STRINGERS & DISS. OF PYR & C.PYR. - MINOR DISS. PYRR.
				PARTLY SERPENTINIZED EPIDOTE - GARNET* SKARN - W/SERPENTINE & TALC BRECCIA DISS. & BLEBS PYR - MINOR C.PYR. - SPARSE DISS. ? MOLYBDENITE?
890				
900	1%M - 3%S			F.G. SHADOW TEXTURED, CHLORITIZED MONZONITE W/EPIDOTE & GARNET - FINELY DISS. MAGNETITE - DISS. & BLEBS PYR. - MINOR C.PYR. - BANDS & PATCHES OF SERPENTINE
				1" MAGNETITE STRINGER IN 3" EPIDOTE-TREMOLITE-GARNET-CALCITE SKARN
910				≈ 1" RUBBLY EPIDOTE-CHLORITE SKARN - NO ATTITUDE
920				
				MUCH WHITE TALC BRECCIA IN SERPENTINE ZONE
930	0%M - 2%S			
				SOFT LT. TO DARK GREY GREEN SERPENTINE - ? PHLOGOPITE! - GARNET - EPIDOTE ROCK - FEW BLEBS CALCITE - BANDING AT 30° - BLEBS & DISS. PYR.
940				
				≈ 1' MONZONITE
950				WELL SERPENTINIZED GARNET-EPIDOTE-TREMOLITE SKARN
				MONZONITE FRIABLE 4" SANDY ZONE - NO ATTITUDE - MINOR EPIDOTE
960				
				PARTIALLY SERPENTINIZED MONZONITE - SMALL TALC BRECCIA ZONE
970				
				PARTLY SERPENTINIZED TREMOLITE-GARNET-EPIDOTE SKARN
980				
990				
1000				SERPENTINIZED SPORADICLY - GARNET-TREMOLITE-EPIDOTE SKARN

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation
	1.2	1	0.7	58	
	1.5	1	1.5	100	
	2.5	1	1.3	52	
	1.3	1	1.1	84	
806.9	0.1	1	0.1	100	
	6.9	1	6.9	100	
	2.4	1	1.9	79	
	0.8	1	0.5	62	
	2.0	1	1.5	75	
	4.7	1	4.7	100	
	1.9	1	1.6	84	
826.0	0.4	1	0.3	75	826.0
	5.7	1	5.7	100	
	2.8	1	2.8	100	
	1.0	1	0.8	80	
	1.0	1	0.9	90	
838.2	1.7	1	1.5	88	
	1.1	1	1.1	100	
	4.9	1	4.9	100	
	4.7	1	4.7	100	
	3.4	1	3.2	94	
853.6	1.3	1	1.0	77	854.0
	1.3	1	1.1	85	
	4.6	1	4.3	94	
	2.0	1	1.6	80	
	5.5	1	5.5	100	
	3.7	1	3.4	92	
	4.8	1	0.1	2	
874.0					
	3.6	1	1.4	39	
	4.4	1	4.2	95	881.0
881.6					
	4.1	1	3.3	80	
	3.2	1	3.2	100	
	4.7	1	3.4	72	
895.0					
	5.0	1	5.0	100	
	4.0	1	3.6	90	
	3.6	1	3.6	100	
	3.6	1	3.6	100	
	4.1	1	4.1	100	
	4.8	1	4.8	100	
	3.8	1	3.8	100	
922.6					923.0
	4.9	1	4.9	100	
	4.7	1	4.2	89	
	4.2	1	2.1	50	
	4.0	1	4.0	100	
	2.8	1	1.8	64	
	4.0	1	2.5	62	
	3.5	1	3.5	100	
	4.6	1	4.4	96	
	2.4	1	1.9	79	956.0
	2.7	1	2.7	100	
960.2	0.6	1	0.6	100	
	2.4	1	2.4	100	
	2.1	1	2.1	100	
	2.2	1	2.2	100	
	2.1	1	1.4	67	
969.6					
	4.8	1	4.8	100	
	3.2	1	3.0	94	
	4.6	1	2.2	48	
	2.0	1	2.0	100	
	4.6	1	2.5	54	
	2.2	1	2.2	100	
	3.5	1	3.5	100	
	2.5	1	2.3	92	
	4.2	1	4.2	100	998.0

Crude	
Fe	
S	
Cu	
P	

Project: LYON NEV. Drill Hole No. L-91 Coordinates Sheet 6 of ____

Logged by K. BROWNELL Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1010	10%M-5%S	0-¼-2		GARNET-TREMOLITE-EPIDOTE-CALCITE SKARN - DISS. MAG. - CALCITE VEINLETS NXWL
				F.G. ANDESITE - NO BOTTOM ATTITUDE.
				TREMOLITE-GARNET-EPIDOTE⁻-CALCITE⁺ SKARN - BLEBS, DISS & STRINGERS MAGNETITE, PYRITE⁻ - DISS. C.PYR.⁻ - WK. STOCKWORKS & BLEBS CALCITE
1020				MAG. BECOMING PATCHY - ROCK HAS MOTTLED APPEARANCE
				MAG. STRINGERS ≈ 10°
1030	3%M-1%S			LOCAL BLEBS & STRINGERS C.PYR. - STRONG GARNET SKARN
1040				
1050	15%M-5%S	0-½		WK. CALCITE STOCKWORKS
1060				BANDING GOING FROM 10° TO 20° TO 30°
1070		0-½		ANDESITE DIKE W/ F.G. HORNBLENDE - MINOR PYRITE - HAIRLINE CALCITE STRINGERS
1080		0-½		CALCITE-GARNET-TREMOLITE-EPIDOTE⁻ SKARN - AT TIMES FISSLE TO CLAYEY - SOME SERPENTINE PATCHES - WK. CALCITE STOCKWORKS & BLEBS - MINOR PYR.
1090	15%M-7%S			CALCITE-GARNET-TREMOLITE-EPIDOTE⁻-DOLOMITE⁻ SKARN - DISS, BLEBS & STRINGERS⁻ OF MAGNETITE - DISS. & BLEBS PYRITE - CALCITE STRINGERS & STOCKWORKS - ZONES OF CALCITE XL. LINED WATER COURSES. - ROCK HAS GENERALLY A MOTTLED APPEARANCE
1100				
1110				
1120	0%M-1%S			PARTLY SERPENTINIZED - TREMOLITE-CALCITE SKARN
				NO CORE
				TREMOLITE-CALCITE-CHLORITE-EPIDOTE-GARNET⁻ SKARN - SHATTERED - BLEBS & DISS. PYR. & C.PYR.
1130				2" FRIABLE TO CLAYEY ZONE
				WK. CALCITE STOCKWORKS
1140	15%M-3%S			TREMOLITE-CALCITE-EPIDOTE-DOLOMITE⁻ GARNET⁻ SKARN - BLEBS, DISS. & STRINGERS PYR. & C.PYR. - PATCHES, BLEBS, DISS., VEINLETS & SELVEDGES AROUND CALCITE OF MAGNETITE - PATCHES & STOCKWORKS OF CALCITE -
				6" CLAYEY ZONE
				VAGUE TREND TO 40°
1150				
1160	20%M-5%S			CALCITE-TREMOLITE-DOLOMITE-EPIDOTE⁻-GARNET SKARN
1170				
1180	0%M-5%S			SERPENTINE & TALC MUD BRECCIA - SPARSE PATCHES OF PARTLY SERPENTINIZED CALCITE-TREMOLITE-DOLOMITE-EPIDOTE SKARN - DISS. PYRITE - MINOR CALCITE STRINGERS
1190				SAME SKARN AS ABOVE BUT NO SERPENTINE - VAGUE IGNEOUS (? MONZONITE?) TEXTURE?
1200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude F
1001.1									
	4.4	1	4.4	100					
	2.5	1	2.5	100	1008.0				
	4.9	1	4.9	100					
	5.0	1	4.7	94					
	9.7	1	9.7	100					
	10.5	1	10.5	100	1031.0				
	3.0	1	3.0	100					
1041.2	7.1	1	6.8	96.	1041.0				
	10.1	1	10.1	100					
	10.0	1	10.0	100					
	7.4	1	7.4	100	1070.0				
	7.7	1	4.9	64					
	10.2	1	9.8	96	1084.0				
	10.0	1	9.7	97					
1103.7	9.7	1	8.1	84					
	8.4	1	8.1	96					
	1.2	1	0	0	1121.0				
	3.5	1	1.2	34					
1129.1	1.6 1.0 0.9	1 1 1	1.1 0.7 0.1	69 70 10					
	4.3	1	4.3	100	1134.0				
	7.3	1	7.2	97					
	10.3	1	9.5	92					
1151.5	8.9	1	8.6	97	1159.0				
	10.0	1	10.0	100					
	6.2	1	5.0	81	1174.0				
	2.8	1	2.3	82					
1179.4	3.2	1	2.9	90					
	3.1	1	3.1	100					
	4.2	1	4.2	100					
	3.7	1	1.7	46					
1193.6	1.3	1	0.3	30					
	5.5	1	0.5	9					

Logged by K. Brownell Drill Hole No. L-91 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1210	0-3 3%M-3%S			TREMOLITE - CHLORITE - EPIDOTE - DOLOMITE - GARNET** SKARN - ROCK SHATTERED W/ CLAYEY & FRIABLE ZONES - DISS & BLEBS PYRITE. NXWL DISS. & BLEBS MAGNETITE BRECCIA - CLAYEY & FRIABLE SKARN VAGUE BANDING AT 20°
1220	0%M-4%S			PARTLY SERPENTINIZED SKARN
1230				BXWL
1240	0&7% 1/4%-5%			MINOR V. FINELY DISS. MAGNETITE. VAGUE BANDING AT 10° 6" CLAYEY ZONE PARTLY SERPENTINIZED TREMOLITE - EPIDOTE - GARNET SKARN W/ CALCITE BLEBS & PATCHES — DISS. & BLEBS C. PYR. & PYR.
1250				GARNET** - CALCITE - TREMOLITE - DOLOMITE - EPIDOTE** SKARN — PATCHY BLEBS & FINE DISS. MAGNETITE - DISS. PYRITE - BLEBS & STRINGERS OF CALCITE SKARN ATTAINING MOTTLED APPEARANCE
1260				SHATTERED, FISSLE SKARN - GARNET**
1270	1/4 %M-3%S			
1280				MOTTLED APPEARANCE FADING.
1290	1-5			LOCAL INCREASE IN EPIDOTE, CALCITE, DISS. & STRINGERS PYR, AND DISS. MAG.
1300	0%M-1%S			1' ANDESITE - NO ATTITUDE ; FOLLOWED BY 2' PARTLY SERPENTINIZED SKARN ANDESITE DIKE - MINOR PYRITE
1310	3-3			TREMOLITE - EPIDOTE - CALCITE - GARNET SKARN - DISS. PYR. - BLEBS MAG. BLEBS & STRINGERS OF CALCITE
1320	0-1 1/8%-1%			F.G. ANDESITE DIKE - MINOR PYR. GARNET - EPIDOTE - TREMOLITE - ACTINOLITE* - CALCITE SKARN - CALCITE BLEBS & VEINLETS — MINOR. MAG. - DISS. PYRITE
1330				ROCK SHATTERED: CLAYEY TO FISSLE
1340	0%M-2%S			3" BAND OF ?SILTSTONE? W/ EPIDOTE : BEDDING AT 40°
1350				
1360				
1370	1/2 %M - 2%S			1' CALCITE - CHLORITE - TREMOLITE* SKARN = 2' CALCITE — SOME WHITE MUD BROKEN F.G. ANDESITE - NO ATTITUDE TREMOLITE - EPIDOTE - CALCITE* - GARNET* SKARN - DISS. MAG. — PYR. DISS., BLEBS & WK. STRINGERS - ROCK HARD - ?SILICIFIED?
1380				CALCITE LINED SOL'N. CHANNELS. VAGUE PATCHES OF IGNEOUS TEXTURE NOTED — MINUTE WHITE "FELDSPARS" THROUGHOUT — NO CALCITE EXCEPT AS STRINGERS. COARSE PYR. DISS.
1390	0%M-2%S			
1400				TREMOLITE - EPIDOTE SKARN - CALCITE VEINLETS & WK. STOCKWORKS — DISS. PYR. MINOR PYRRHOTITE LOCALLY

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
1204.4	4.0	1	2.0	50	1204.0			
	6.4	1	2.5	39				
	4.3	1	4.3	100				
	1.2	1	1.2	100	1215.0			
	4.6	1	2.1	46				
1220.9								
1223.6	2.7	1	2.7	100				
	3.9	1	2.8	72	1224.0			
1227.5								
	7.1	1	6.9	97				
	4.1	1	3.7	91	1236.0			
	4.5	1	4.3	96				
	4.3	1	4.1	95				
	4.7	1	4.6	98	1250.0			
	5.7	1	5.7	100				
1257.9	4.0	1	4.0	100				
	8.7	1	8.1	93				
	6.4	1	6.0	94				
	8.0	1	8.0	100				
	8.1	1	8.1	100	1290.0			
	3.2	1	1.8	56				
1297.9	1.6	1	1.3	81				
	7.0	1	6.9	98				
	2.6	1	2.6	100				
	1.7	1	1.6	94	1309.0			
	5.2	1	4.9	94				
	5.8	1	5.8	100				
1323.8	3.6	1	3.6	100				
	8.7	1	7.5	86				
	3.7	1	3.0	81				
	8.1	1	8.1	100				
	5.2	1	5.2	100	1348.0			
	6.0	1	5.1	85				
	6.2	1	6.2	100				
	6.0	1	6.0	100				
1370.9	2.8	1	2.0	71				
	1.1	1	1.0	91	1372.0			
	3.0	1	2.5	83				
	5.0	1	5.0	100				
	2.0	1	2.0	100				
	6.0	1	6.0	100				
1388.0	7.0	1	7.0	100				
	7.6	1	7.6	100	1396.0			

Logged by K. BROWNELL Drill Hole No. L-91 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				TREMOLITE-EPIDOTE-ACTINOLITE SKARN - DISS. PYR. - CALCITE STRINGERS. BXWL										
				SHATTERED F.G. ANDESITE - PATCHES OF WHITE MUD - NO ATTITUDE. - MINOR PYR.		1.9	1	1.5	79					
						1.5	1	1.2	80					
						2.0	1	1.5	75					
	0% M - ½% S				1408.6	0.6	1	0.6	100					
1410				TREMOLITE - EPIDOTE - ACTINOLITE SKARN W/INTERMITANT SILICIFIED SKARN ZONES - CALCITE STRINGERS - BLEBS, VEINLETS & DISS. OF PYR.		5.9	1	5.4	92					
				HYBRID TEXTURE APPEARING IN SILICEOUS ZONE - TREMOLITE "METACRYSTS". GEN'L. VAGUE BANDING AT 20°		7.5	1	7.5	100					
1420														
				MINOR DISS. PYRRHOTITE		10.0	1	10.0	100	1426.0				
1430														
				VERY MINOR CHALCOPYRITE.		9.8	1	9.8	100					
1440				INTERMITANT PATCHES OF PHLOGOPITE IN HYBRID ROCK										
				LOCAL WK. CALCITE STOCKWORKS.		8.2	1	8.2	100					
1450	0% M - 3% S													
						6.8	1	6.3	93					
				2° RUBBLY ZONE		3.9	1	3.9	100					
1460					1460.7	1.5	1	1.5	100	1461.0				
						5.1	1	5.1	100					
						4.5	1	4.5	100					
1470				DISS. PYRITE, PYRRHOTITE & CHALCOPYRITE PLUS BLEBS OF SAME										
	¼% - 3%			DISS. MAGNETITE		4.3	1	4.3	100					
				LOCAL BLEBS MAG. IN EPIDOTE SKARN										
1480														
				1° RUBBLY ZONE		11.6	1	11.6	100					
				BLEBS & DISS. MAGNETITE	1487.7					1486.0				
1490				BLEBS & DISS. PYRR., PYR & C.PYR. - MINOR STRINGERS		3.3	1	3.3	100					
						5.6	1	5.6	100					
1500	1% M - 5% S					7.0	1	7.0	100					
						4.9	1	4.9	100					
1510										1510.0				
						5.8	1	5.8	100					
						6.4	1	6.4	100					
1520														
						5.0	1	5.0	100					
				STRONG HYBRID ROCK W/VIVID ALTERATION "SPOTS". PYR. STRINGERS & DISS. - MINOR C.PYR.		2.8	1	2.3	82					
1530					1528.5									
	0% M - 5% S					6.5	1	6.5	100					
						7.3	1	0.8	11					
1540						0.9	1	0.9	100	1543.0				
				LOCAL DISS & BLEBS C.PYR. PATCHES OF SERPENTINE IN SKARN.		6.9	1	6.9	100					
1550				BLEBS, DISS. & STRINGERS OF PYR., PYRR. & C.PYR. CONTINUE		8.4	1	8.4	100					
	¼% M - 3% S													
					1558.5					1558.0				
1560				PATCHY SERPENTINIZATION		6.5	1	6.2	96					
						9.0	1	9.0	100					
1570				SHADOWY CHLORITIZED MONZONITE W/EPIDOTE - GRADED CONTACT										
				½ SERPENTINE & TALC BRECCIA - NO ATTITUDE										
				TREMOLITE - EPIDOTE SKARN - MINOR GARNET - HYBRID TEXTURE		3.5	1	2.2	63					
				DISS., BLEBS, STRINGERS OF PYRR., PYR. & C.PYR. - DISS. MAG.										
1580	1% M - 4% S					7.5	1	7.4	99					
				SERPENTINE W/EPIDOTE & TREMOLITE - DISS. PYRITE		3.5	1	2.2	63					
						3.5	1	3.5	100					
1590	0% - 5%			TALC & SERPENTINE BRECCIA.		2.1	1	2.1	100	1592.0				
				TREMOLITE - EPIDOTE - ACTINOLITE SKARN - DISS. & BLEBS PYR., PYRR., C.PYR. & MAGNETITE		4.7	1	4.6	98					
	1% - 3%				1598.8									
1600														

Project: LYON NEV.

Logged by K. BROWNELL

Drill Hole No. L-91

Coordinates

Sheet 9 of

Collar El.

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
1610				TREMOLITE-EPIDOTE-GARNET SKARN - CALCITE STRINGERS MINOR BLEBS OF SERPENTINE - DISS. & BLEBS PYR., PYR." & C.PYR." DISS., BLEBS & STRINGERS OF MAGNETITE. BXWL		5.9	1	5.8	99				
						8.0	1	7.8	98				
1620						5.8	1	5.8	100				
	3%M - 3%S			BLEBS & DISS. PYR., C.PYR." & PYRR." ROCK CLAYEY TO FISSLE.		4.7	1	4.1	87				
1630				BLEBS & DISS. C.PYR., PYR" & PYRR."		9.3	1	9.1	98				
				CHLORITIZED MONZONITE W/EPIDOTE - DISS. & STRINGERS OF PYRITE - MINOR C.PYR.		2.0	1	2.0	100	1631.0			
						2.0	1	1.6	80				
1640				TREMOLITE-EPIDOTE-ACTINOLITE"-CALCITE"SKARN - BLEBS & DISS. PYR. & C.PYR." - DISS. MAG.		9.2	1	9.2	100				
				GARNET-EPIDOTE"-TREMOLITE" SKARN - DISS. C.PYR. & PYR.									
1650				EPIDOTE-GARNET-TREMOLITE SKARN - DISS. & BLEBS PYR. & C.PYR." - SHADOWY MONZONITE TEXTURE - ROCK SHATTERED		5.4	1	5.4	100				
	1/4%M - 2%S			EPIDOTE-TREMOLITE-GARNET" SKARN - DISS. MAG. (PATCHY). - BLEBS & STRINGERS OF CALCITE BLEBS & DISS. PYR. & C.PYR."		6.4	1	6.4	100				
1660						10.0	1	10.0	100				
1670				ROCK BECOMING BROKEN & FISSLE.		7.0	1	7.0	100	1672.0			
				HEMATITE STAINING ALONG FRACTURES.		2.5	1	1.4	56				
1680				TREMOLITE-EPIDOTE-GARNET-CALCITE SKARN - DISS. & BLEBS MAG." DISS., BLEBS & STRINGERS PYR. & C.PYR."		6.2	1	5.7	93				
1690	1/2%M - 1%S					7.5	1	7.0	94				
						5.2	1	5.2	100				
1700				MODERATE TO VAGUE HYBRID TEXTURE APPEARING. - TREMOLITE "METACRYSTS" LOCAL WHITE "ALTERATION-SPOTS".		5.7	1	5.7	100	1699.0			
				MINOR C.PYR. BLEBS & STRINGERS OF CALCITE - PATCHES OF DOLOMITE - FIBEROUS BLEBS OF ACTINOLITE.		9.5	1	9.5	100				
1710													
						5.8	1	5.8	100				
1720	1/4%M - 3%S					8.3	1	8.3	100				
				SILICEOUS HYBRID ROCK W/1" BAND OF ?PULOGOPITE? AT 50° - GRADATIONAL CONTACT.									
1730						9.6	1	9.6	100	1728.0			
				1" CHERTY SKARN									
1740						8.0	1	8.0	100				
1750	0%M - 1%S					10.0	1	10.0	100				
				EPIDOTE-TREMOLITE SKARN - INTERMITTANT CLAYEY TO SANDY ZONES - BLEBS & STRINGERS CALCITE		3.2	1	3.2	100				
				1758.2 HOLE BOTTOMED 6-17-64.		2.0	1	1.3	65	1758.0			
1760													
1770													
1780													
1790													
1800													

Project: LYON NEV. Drill Hole No. L-92 Coordinates _____ Sheet 1 of _____

Logged by R.SEKLEMIAN _____ Collar El. _____

Depth	Es	M	S	Str.	Lith + Min	DESCRIPTION
						ROTARY CUTTINGS
10						
20						BROWN-PURPLE BIOTITE QUARTZ LATITE PORPHYRY WITH MINOR BIOTITE & NUMEROUS GLASSY QUARTZ PHENOCRYSTS IN APHANITIC GROUNDMASS.
30						
40						
45						SOME WHITE CLAY ALTERATION
50						
60						
70						
80						NO SAMPLE.
85						
90						
100						
110						
120						
130						
140						
150						
160						
170						
180						
190						
200						

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
		(188)							

Item 39

Pumpkin Hollow

Porphyry

Vein

Logged by R.SEKLEMIAN Drill Hole No. L-92 Collar El. ____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
210				BROWN- PURPLE BIOTITE QUARTZ LATITE PORPHYRY.
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
390				
400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation 200	Crude Fe	Crude S	Crude Cu

Project: LYON NEV. Drill Hole No. L-92 Coordinates Sheet 3 of ___

Logged by R. SEKLEMIAN ___ Collar El. ___

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
400				DARK GRAY VOLCANIC PORPHYRY. (VITROPHYRE) ROTARY CUTTINGS
405				
410				BROWN-PURPLE BIOTITE QUARTZ LATITE PORPHYRY
420				
430				
440				
450				
460				
465'				CONTACT
470				HARD, LIGHT COLORED, EPIDOTIZED SILICEOUS SEDIMENT. LIMONITE STAINING ON FRACTURES. WEAK DISS. PYRITE.
480				
490				
490'				DARK GRAY, HARD, SILICEOUS SEDIMENT. DISS. PYRITE.
495'				
500				YELLOW-GREEN, EPIDOTIZED FINE-GRAINED, HARD METO-VOLCANIC ? SEDIMENTS WITH SOME INTERMIXED GREY, HARD CHERTY SEDIMENTS. DISS. PYRITE THROUGHOUT.
510				
520				
530				
540				
550				
560				
570				
580				
590				
600				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation 400	Crude Fe	Crude S	Crude Cu	Crude P
					470.0				
					550.0				

Logged by R. SEKLEMIAN Drill Hole No. L-92 Collar El. _____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
603				BOTTOM OF ROTARY HOLE. ROTARY / NXWL
				FRACTURED TO BROKEN GARNET-EPIDOTE-TREMOLITE-CALCITE SKARN. LOCALLY BANDED. DISS PYRITE & CHALCOPYRITE =.
610				
	0%M - 4%S			
620				
630				
				BANDS OF LIGHT GRAY HARD CHERTY SILICIFICATION IN GARNET-EPIDOTE-TREMOLITE-CALCITE SKARN. DISS. PYRITE & CHALCOPYRITE =.
640				
650				
				THIN ZONE SOFT DARK SERPENTINE.
660				
670				LOCAL MINOR PYRRHOTITE.
680				CONTINUED DISS. PYRITE & CHALCOPYRITE =.
690				
700				SERPENTINE-TALC BRECCIA. WK. PYRITE.
710				
720	35			STRONG PARTLY BANDED AT 15° DISS MAGNETITE IN TREMOLITE-CALCITE SKARN. PYRITE & CHALCOPYRITE VEINLETS & DISSEMINATIONS.
				GARNET-EPIDOTE-TREMOLITE-CALCITE SKARN. FEW SILICEOUS BANDS. DISS. PYRITE & MINOR CHALCOPYRITE.
730	0%M - 3%S			
740				
				FRACTURED +.
750				
760	0%M - 2%S			
770				
780	18.4			BANDED DISSEMINATED MAGNETITE IN TREMOLITE-CALCITE SKARN. THIN CALCITE STOCKWORKS. DISS. PYRITE & MINOR CHALCOPYRITE.
				FRACTURED GARNET-TREMOLITE-EPIDOTE SKARN WITH SILICEOUS BANDS. DISS. PYRITE & MINOR CHALCOPYRITE.
790	0%M - 2%S			
800				THIN BANDS DISS. MAGNETITE IN GARNET-TREMOLITE SKARN.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
603.0				
	4.6	1	1.6	35
	2.1	1	0.5	24
	1.5	1	0.9	60
618.2	2.0	1	0.7	35
	2.4	1	2.1	88
	1.2	1	0.3	25
	2.6	1	2.6	100
	4.1	1	4.1	100
	8.2	1	8.2	100
	0.5	1	0.5	100
636.7	4.5	1	4.0	89
	3.3	1	3.0	91
	3.2	1	2.9	91
	1.8	1	1.4	78
	3.5	1	3.4	97
	3.5	1	3.5	100
	2.0	1	1.5	75
655.5	1.5	1	0.1	7
	0.2	1	0	0
	2.4	1	2.3	96
	4.6	1	4.5	98
	0.4	1	0.7	18
	2.5	1	2.5	100
	3.1	1	3.1	100
671.8	2.3	1	2.3	100
	4.7	1	4.7	100
	3.3	1	3.3	100
	1.9	1	1.1	58
	1.5	1	1.4	93
	1.0	1	0.5	50
	1.9	1	1.6	84
	6.9	1	6.9	100
693.0	1.9	1	0.4	21
	1.5	1	0.8	53
	2.1	1	1.7	81
	3.0	1	1.9	63
	4.0	1	3.2	80
	3.5	1	2.6	74
710.5	1.5	1	0.4	27
	2.0	1	1.2	60
	4.1	1	3.9	95
	5.4	1	5.4	100
	5.1	1	1.4	28
	4.9	1	4.9	100
	4.8	1	4.8	100
736.8	4.7	1	4.7	100
	4.7	1	4.7	100
	1.8	1	1.5	83
	1.8	1	1.5	83
	2.5	1	2.0	80
	6.6	1	6.2	94
	3.8	1	3.8	100
	4.6	1	4.6	100
767.3	4.7	4	4.7	100
	9.7	1	9.7	100
	4.8	1	4.8	100
	4.8	1	4.4	92
	3.8	1	3.8	100
	2.0	1	2.0	100
	4.9	1	4.9	100

Elevation	Crude Fe	Crude S	Crude Cu
603.0			
636.0			
676.0			
717.0			
721.0			
754.0			
779.0			
786.0			
800.0			

Logged by R. SEKLEMIAN Drill Hole No. 1-92 Collar El. ____

Depth	E.S.I.M.S	Str.	Lith + Min.	DESCRIPTION
810				BANDS OF DISS. MAGNETITE IN FRACTURED GARNET-EPIDOTE-TREMOLITE-CALCITE SKARN. WK. CALCITE STOCKWORKS. WK. PYRITE. NXWL
820	0%M-1%S			SILICEOUS BANDS AT 10°
830				FRACTURED F.G. ANDESITE. DISS PYRITE & MINOR CHALCOPYRITE.
840				BROKEN TO BRECCIATED, SHEARED COARSE TREMOLITE & MINOR GARNET SKARN. Ve" MAGNETITE. MINOR PYRITE.
850				FRACTURED GARNET-TREMOLITE-CALCITE SKARN. WK. PYRITE & CHALCOPYRITE=. WELL BANDED. WK. SERPENTINE TALC BRECCIA ZONE.
860	0%M-5%S			FEW THIN BANDS OF UNSKARNED TO WEAKLY SKARNED MARBLE.
870				BAND OF SILICIFICATION WITH DISS. PYRRHOTITE & PYRITE. CONTINUED BANDED GARNET-TREMOLITE-CALCITE-EPIDOTE SKARN. DISS. PYRITE & MINOR CHALCOPYRITE.
880				
890				PARTLY SERPENTIZED SKARN & TALC BRECCIA. CALCITE PATCHES & VEINLETS.
900	8%M-5%S			BANDED DISS. MAGNETITE IN GARNET-TREMOLITE-CALCITE SKARN. DISS. PYRITE & CHALCOPYRITE=.
910				BROKEN, ALTERED, FRIABLE, GARNET-EPIDOTE-TREMOLITE SKARN. DISS. PYRITE. OCCASSIONAL THIN BANDS OF DISS. MAGNETITE IN GARNET-CALCITE-TREMOLITE SKARN. DISS. PYRITE & CHALCOPYRITE=.
920				BROKEN+ RUBBLY, MUDDY.
930				MAGNETITE PATCHES IN THOROUGHLY BROKEN TO BRECCIATED EPIDOTE-CALCITE-TREMOLITE SKARN. DISS. PYRITE & CHALCOPYRITE=.
940	10%M-10%S			SHEARED, BRECCIATED SERPENTINE-TALC ZONE W. V. STRONG DISS. PYRITE & CHALCOPYRITE=. IRREGULAR DISS. MAGNETITE, PYRITE & CHALCOPYRITE IN EPIDOTE-TREMOLITE-CALCITE SKARN.
950				± 80% PYRITE & CHALCOPYRITE= & 20% INTERGRANULAR CALCITE.
960	0%M-80%S			PATCHES OF HI-GRADE MAGNETITE W. DISS. PYRITE & CHALCOPYRITE= & MINOR CALCITE GANGUE SEPARATED BY STRONG PYRITE-CHALCOPYRITE= IN MINOR CALCITE.
970	35-35			BROKEN ZONE OF TREMOLITE-SERPENTINE-CALCITE= WITH DISS. PYRITE-CHALCOPYRITE=.
	12-15			DISS. MAGNETITE, PYRITE & CHALCOPYRITE= IN TREMOLITE-EPIDOTE-CALCITE SKARN.
980	0-80			± 80% PYRITE & CHALCOPYRITE=. MINOR CALCITE.
990	75%M-12%S			BROKEN HI-GRADE MAGNETITE WITH PATCHES & DISSEMINATIONS OF PYRITE-CHALCOPYRITE= & CALCITE. MINOR CALCITE-TREMOLITE GANGUE.
1000				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation
	3.0	1	3.0	100	
	5.0	1	4.5	90	
810.0	3.9	1	3.7	95	
	4.2	1	3.7	88	
	3.2	1	1.7	53	818.0
	2.9	1	2.7	93	
	9.1	1	9.1	100	
	2.4	1	2.4	100	
	0.5	1	0.5	100	
837.8	1.5	1	1.5	100	
	3.0	1	2.5	83	838.0
	2.6	1	1.2	46	
	1.9	1	0.7	37	
	1.5	1	1.1	73	
	2.7	1	2.7	100	
	3.5	1	3.5	100	
	2.4	1	1.4	58	
854.6	3.4	1	2.9	85	
	1.0	1	1.0	100	
	4.1	1	4.1	100	
	0.7	1	0.4	57	
	4.9	1	4.3	100	
	5.8	1	4.8	83	
	3.6	1	3.6	100	876.0
	4.8	1	4.8	100	
882.3	4.7	1	4.7	100	
	5.0	1	2.5	50	
	2.6	1	1.3	50	
	5.0	1	4.2	84	898.0
	4.6	1	4.3	93	
	2.8	1	1.5	54	
	4.6	1	4.2	91	
	4.6	1	4.6	100	
916.2	5.4	1	3.8	70	
	4.1	1	4.1	100	
	5.0	1	4.3	86	
	1.8	1	0.1	6	
	4.9	1	4.6	94	935.0
937.2	4.8	1	4.6	96	
	4.6	1	4.3	93	
	5.3	1	4.1	77	950.0
	4.7	1	4.0	85	
	4.9	1	4.5	92	961.0
	5.0	1	4.3	86	
	5.1	1	4.0	78	969.0
	4.7	1	4.7	100	975.0
	5.7	1	2.2	39	
980.0	5.0	1	4.4	88	981.0
	4.7	1	4.7	100	
	4.0	1	3.5	88	
	1.5	1	1.5	100	
	5.1	1	5.1	100	

Crude	
Fe	
S	
Cu	
P	

major Cu

Project: ETON NE B. Drill Hole No. L-92 Coordinates Sheet ___ of ___

Logged by R. SEKLEMIAN Collar El. ___

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
1010	75% M - 12½ S			HI-GRADE MAGNETITE WITH COARSE IRREGULAR PATCHES & DISSEMINATIONS OF PYRITE & MINOR CHALCOPYRITE. CALCITE PATCHES & VEINLETS. MINOR TREMOLITE GANGUE. ROCK IS WKLY. FRACTURED. NXWL		4.9	1	4.9	100					
						4.8	1	4.8	100	1005.0				
				LOCAL BANDING AT 5°		5.0	1	5.0	100					
1020						5.0	1	5.0	100					
				LOCAL BANDING AT 0°		4.1	1	4.1	100					
					1024.1									
				ZONE OF CALCITE W. MINOR SERPENTINE & COARSE PYRITE.		4.8	1	4.8	100	1027.0				
1030	15% M - 35% S			IRREGULAR INTERMIXTURE OF ERRATIC MAGNETITE PATCHES, COARSE DISS. TO MASSIVE PYRITE & MINOR CHALCOPYRITE IN CALCITE WITH LOCAL GRAY-GREEN SERPENTINE.		4.6	1	4.6	100					
						4.8	1	4.8	100					
1040						4.9	1	4.9	100	1042.0				
				MAGNETITE WITH COARSE DISS. TO MASSIVE PYRITE & MINOR CHALCOPYRITE. CALCITE PATCHES. MINOR CALCITE-TREMOLITE GANGUE.		4.8	1	4.8	100					
1050	45% M - 30% S			VAGUE BANDING AT 35°?		5.0	1	5.0	100					
						4.8	1	4.8	100					
1060	15 - 5			DISSEMINATED MAGNETITE, PYRITE & CHALCOPYRITE" IN GARNET-EPIDOTE-CALCITE-TREMOLITE SKARN.		4.8	1	4.8	100	1058.0				
						4.9	1	4.9	100					
1070						4.8	1	4.8	100					
					1072.3					1072.0				
1080	2.5 - 2			PYRITE, CHALCOPYRITE" & PYRRHOTITE"		9.7	1	9.7	100					
						4.0	1	4.0	100					
1090						10.0	1	10.0	100					
1100						9.0	1	9.0	100					
					1105.0									
						3.0	1	3.0	100	1105.0				
1110	12% M - 2% S					7.0	1	7.0	100					
				LOCAL BANDING AT 15°		4.7	1	4.7	100					
1120						10.0	1	10.0	100	1124.0				
1130	25% M - 5% S			DISS. PYRITE & CHALCOPYRITE"		9.6	1	9.6	100					
						5.5	1	5.5	97	1140.0				
1140					1145.0									
						8.0	1	8.0	100					
1150	25% M - 7% S			SEEMING AND ALTERATION AT 15° PYRITE & CHALCOPYRITE IN ZONE										
						4.6	1	4.6	96	1155.0				
1160	50% M - 15% S			STRONG DISS. MAGNETITE, PYRITE & MINOR CHALCOPYRITE IN TREMOLITE-CALCITE-MINOR EPIDOTE SKARN. WK. CALCITE VEINLETS. FRACTURED.		5.3	1	5.3	100					
						6.4	1	6.4	100					
1170	0 - 8			BROKEN TO BRECCIATED SERPENTINE IN WHITE TALC CLAY. DISS. PYRITE.		5.4	1	2.3	43	1170.0				
						3.1	1	2.3	74					
1180	15 - 8			DISS MAGNETITE & PYRITE IN PARTLY SERPENTINIZED TREMOLITE-CALCITE SKARN. BROKEN.		5.8	1	5.2	90	1180.0				
						5.2	1	5.2	100	1184.0				
1190	0 - 3					6.0	1	2.6	47					
					1195.0					1195.0				
	50 - 15			STRONG DISS MAGNETITE & PYRITE W. MINOR CHALCOPYRITE IN TREMOLITE-CALCITE SKARN.		1.0	1	1.0	100					
1200						9.0	1	9.0	100					

Project: LYON NEV. Drill Hole No. L-92 Coordinates Sheet 1 of

Logged by R. SEKLEMIAN Collar El.

Depth	Est. M.S	Str.	Lith + Min	DESCRIPTION
1210	40%M-12			STRONG DISS. MAGNETITE & PYRITE W. MINOR CHALCOPYRITE IN TREMOLITE-CALCITE SKARN. MINOR SERPENTINE ZONES. NXWL
1220	10-10			DISS. MAGNETITE, PYRITE & CHALCOPYRITE" IN EPIDOTE-TREMOLITE-CALCITE SKARN.
1230	35-7			STRONG DISS. MAGNETITE IN CALCITE-TREMOLITE SKARN. MINOR SERPENTINE DISS PYRITE & MINOR CHALCOPYRITE". CALCITE VEINLETS.
1240	0-2			
1250	35-10			MAGNETITE STOCKWORKS & DISS. IN. EPIDOTE-TREMOLITE SKARN. DISS. PYRITE.
				DISS. MAGNETITE & PYRITE IN TREMOLITE-CALCITE SKARN.
1260	50-8			STRONG CALCITE STOCKWORKS IN F.G. NEAR MASSIVE MAGNETITE WITH MINOR CALCITE-TREMOLITE GANGUE & DISS PYRITE & MINOR CHALCOPYRITE. SULFIDE BANDING AT 25°
1270	25-8			DISS. MAGNETITE, PYRITE & MINOR CHALCOPYRITE IN EPIDOTE-TREMOLITE-CALCITE SKARN
1280	12-5			SHEARED, BROKEN" SERPENTINE WITH CALCITE PATCH. DISS. PYRITE & CHALCOPYRITE.
				DISS. MAGNETITE & PYRITE IN EPIDOTE-TREMOLITE SKARN. FRACTURED.
1290	2-14			FRACTURED F.G. ANDESITE.
				DISS. MAGNETITE & PYRITE IN EPIDOTE-TREMOLITE SKARN.
				FRACTURED F.G. ANDESITE.
1300	18-10			INCLUSION OF SKARN W. DISS. MAGNETITE & PYRITE.
				DISS. MAGNETITE & PYRITE IN EPIDOTE-TREMOLITE-CALCITE SKARN.
1310	3%M-14%			FRACTURED F.G. ANDESITE. WITH LOCAL INCLUSIONS OF EPIDOTE-TREMOLITE SKARN W. DISS. MAGNETITE & PYRITE. INCLUSIONS ORE 15% - 20% MAG.
1320	40%M-8%			DISS. MAGNETITE IN TREMOLITE-EPIDOTE-SKARN. DISS. PYRITE & CHALCOPYRITE" WK. CALCITE STOCKWORKS. FRACTURED.
1330				
1340	0-10			FRACTURED EPIDOTE-TREMOLITE SKARN WITH LOCAL BROKEN TO BRECCIATED SERPENTINE ZONES. DISS. PYRITE & CHALCOPYRITE. LOCAL PHLOGOPITE.
1350	5-5			
1360	15-5			DISS MAGNETITE, PYRITE, CHALCOPYRITE" & PYRRHOTITE" IN EPIDOTE-TREMOLITE SKARN. WK. CALCITE VEINLETS. BROKEN.
	10-4			BROKEN" ZONE OF EPIDOTE-CALCITE SKARN. DISS. PYRITE.
1370				PATCHY DISS. MAGNETITE IN TREMOLITE-EPIDOTE SKARN WITH LOCAL HYBRID ROCK TEXTURE. DISS. PYRITE & MINOR CHALCOPYRITE.
				FRACTURED F.G. ANDESITE. NO ATTITUDE.
1380				TREMOLITE-EPIDOTE SKARN WITH LOCAL HYBRID ROCK TEXTURE. DISS. PYRITE, CHALCOPYRITE" & LOCAL PYRRHOTITE.
	0% M-5%			DISS. PYRRHOTITE.
1390				TREMOLITE HYBRID ROCK WITH PATCHES OF EPIDOTE. DISS. PYRITE, CHALCOPYRITE" & LOCAL PYRRHOTITE".
1400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	10.2	1	10.2	100					
1215.2	0.8	1	0	0					
	8.4	1	8.4	100	1220.0				
	10.1	1	10.1	100	1227.0				
					1235.0				
	10.1	1	10.1	100	1240.0				
	9.1	1	9.1	100					
	9.6	1	9.6	100	1260.0				
1263.3	7.0	1	7.0	100					
	9.1	1	9.1	100	1270.0				
	4.0	1	4.0	100	1280.0				
	3.7	1	3.7	100					
	3.2	1	3.2	100	1288.0				
	3.0	1	3.0	100					
	3.0	1	3.0	100					
1296.3	2.2	1	1.8	82					
	1.9	1	0.7	70					
	0.8	1	0.8	100					
	1.1	1	1.1	100	1301.0				
	3.3	1	3.3	100					
	5.8	1	5.8	100	1307.0				
	1.2	1	0.8	67					
	3.3	1	3.3	100					
1315.0	2.3	1	1.6	70					
	1.2	1	0.9	75					
	2.2	1	2.2	100	1321.0				
	1.5	1	1.5	100					
	2.2	1	2.2	100					
	8.6	1	8.6	100					
1333.0	2.1	1	2.1	100					
	4.6	1	4.6	100	1337.0				
	2.0	1	2.0	100					
	4.0	1	3.3	82					
1346.7	3.3	1	3.3	100					
	2.0	1	1.4	70	1349.0				
	1.9	1	1.9	100					
	2.5	1	2.2	88					
1358.0	1.6	1	1.6	100					
	3.2	1	3.2	100					
	4.6	1	1.9	41	1362.0				
	9.2	1	9.2	100	1372.0				
	2.0	1	2.0	100					
	2.5	1	2.5	100					
1379.5	2.8	1	2.8	100					
	3.8	1	3.6	95					
	4.3	1	4.0	93					
	5.8	1	5.8	100	1392.0				
	6.1	1	6.1	100					

Logged by R. SEKLEMIAN Drill Hole No. L-21 Collar El. _____

Depth	Est. M.S	Str.	Litt + Min.	DESCRIPTION
1410				FRACTURED TREMOLITE HYBRID ROCK. THIN CALCITE VEINLETS. DISS. PYRITE & LOCAL PYRRHOTITE. NXWL
1420	0% M - 5% S			
1430				LOCAL ERRATIC PHLOGOPITE.
1440				
1450				
1460				
1470	5% M - 8% S			ERRATIC WK. DISS. MAGNETITE. DISS. PYRRHOTITE†, PYRITE & CHALCOPYRITE=.
1480				
1490				
1500				
1510				
1520	8% M - 8% S			FRACTURED† TREMOLITE - EPIDOTE HYBRID ROCK. ERRATIC MAGNETITE. CALCITE VEINLETS. DISS PYRITE. ERRATIC PYRRHOTITE & MINOR CHALCOPYRITE.
1530				
1540				
1550	4% M - 5% S			
1560				
1570	0% M - 2% S			
1580				
1590				
1600				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	3.8	1	3.8	100					
1406.5	2.7	1	2.7	100					
	0.8	1	0.8	100					
	2.5	1	2.5	100					
	4.9	1	4.9	100					
	6.2	1	6.2	100					
	5.5	1	5.5	100					
1429.1	2.9	1	2.9	100					
	2.5	1	2.5	100	1432.0				
	7.3	1	7.3	100					
	4.3	1	4.3	100					
	3.4	1	3.4	100					
1449.5	6.5	1	6.3	97					
	6.7	1	6.7	100					
	6.5	1	6.5	100	1464.0				
	3.0	1	3.0	100					
	4.5	1	4.5	100					
1476.7	6.8	1	6.6	97					
	4.0	1	4.0	100					
	1.5	1	1.5	100					
1488.0	3.2	1	2.5	78					
	3.3	1	3.3	100					
1495.5	6.1	1	6.1	100					
	5.4	1	5.4	100	1501.0				
	3.7	1	3.7	100					
	5.5	1	5.5	100					
	3.3	1	3.3	100					
1519.5	2.5	1	2.2	88					
	4.0	1	4.0	100					
	1.9	1	1.9	100					
	3.1	1	3.1	100					
	4.0	1	1.2	30					
1537.4	2.4	1	2.4	100					
	2.1	1	1.9	91	1539.0				
	3.0	1	3.0	100					
1544.2	1.7	1	1.2	70					
	4.0	1	4.0	100					
	6.1	1	5.3	87					
	5.0	1	5.0	100					
	5.0	1	5.0	100					
	1.2	1	1.2	100	1564.0				
1569.6	4.1	1	3.4	83					
	2.0	1	2.0	100					
	5.5	1	5.5	100					
	2.6	1	2.5	96					
	5.4	1	5.4	100					
1585.1	3.9	1	3.9	100					
	2.6	1	2.6	100					
	0.3	1	0.3	100					
	1.5	1	1.5	100					
	2.8	1	2.8	100					
1596.6	3.3	1	3.3	100					

Logged by R. SEKLEMIAN Drill Hole No. K-92 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min	DESCRIPTION
1610	¼% M - 3% S			FRACTURED TREMOLITE - EPIDOTE HYBRID ROCK. PROMINENT MAFIC "METACRYSTS". THIN CALCITE VEINLETS. DISS. PYRITE. NXWL
1620				WK MAGNETITE STOCKWORKS & DISS. MINOR CHALCOPYRITE.
1630	8% M - 5% S			LOCAL PYRRHOTITE.
1640				
1650				BROKEN. F.G. ANDESITE DIKE. NO ATTITUDE.
1660	¼% M - 2% S			
1670				
1680				
1690				
1700				DISS PYRRHOTITE, PYRITE & CHALCOPYRITE". LOCAL.
1710				
1720				LOCAL PHLOGOPITE.
1730	0% M - 2% S			SERPENTINE - TALC BRECCIA ZONE WITH BROWN ALTERED PHLOGOPITE.
1740				FRACTURED TREMOLITE - EPIDOTE - CALCITE" HYBRID ROCK. LOCAL CALCITE STOCKWORKS. DISS. PYRITE. PYRRHOTITE" & V. MINOR CHALCOPYRITE.
1750				GARNET - EPIDOTE - TREMOLITE SKARN. DISS. PYRITE.
1760				
1770				LOCAL THIN PYRITE - CHALCOPYRITE VEINLETS.
1780				F.G. ANDESITE DIKE.
1790				FRACTURED TREMOLITE HYBRID ROCK W. PYRITE DISS. & FEW THIN VEINLETS.
1800				LOCAL PROMINENT CHALCOPYRITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	3.8	1	3.0	79	1604.0				
	3.0	1	3.0	100					
	1.5	1	1.5	100					
	4.8	1	4.8	100					
	3.5	1	3.4	97					
1619.8	3.5	1	2.8	80					
	1.5	1	1.5	100	1621.0				
	3.4	1	3.4	100					
1626.5	2.0	1	2.0	100					
	4.7	1	4.6	98					
	7.0	1	7.0	100	1637.0				
	4.0	1	3.8	95					
	3.5	1	3.5	100					
	3.1	1	3.1	100					
	5.0	1	5.0	100					
1655.2	1.4	1	1.1	79					
	5.2	1	5.2	100					
	2.4	1	2.4	100					
	3.0	1	3.0	100					
	7.6	1	7.6	100					
	5.7	1	5.2	87	1677.0				
1677.1	3.0	1	3.0	100					
	3.4	1	3.4	94					
	6.3	1	6.1	97					
	10.0	1	10.0	100					
	3.4	1	3.4	100					
1703.4	3.7	1	3.7	100					
	3.4	1	3.4	100					
	4.2	1	4.2	100	1712.0				
	4.0	1	4.0	100					
	4.1	1	3.7	90					
	3.6	1	3.2	89					
1726.4	4.7	1	3.9	83	1727.0				
	2.3	1	2.3	100					
	3.0	1	3.0	100					
	8.6	1	8.6	100					
	9.0	1	9.0	100					
1734.0									
	10.0	1	0.8	8					
1764.0									
	2.7	1	2.7	100					
	2.6	1	2.3	88	1767.0				
	3.0	1	2.5	83					
	1.5	1	1.3	86					
	5.8	1	5.8	100					
	0.3	1	0.1	33					
1782.5	2.6	1	2.6	100					
	2.9	1	2.7	93					
	3.6	1	3.6	100					
	1.7	1	1.7	100					
1793.1	2.4	1	0.8	33					
	2.3	1	2.3	100					
	2.5	1	1.2	48					
	0.9	1	0.8	89					
	2.1	1	2.1	100					

Project: ETON NO. 1 Drill Hole No. L-92 Coordinates Sheet 10 of

Logged by R.SEKLEMIAN Collar El.

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION
				TREMOLITE HYBRID ROCK W. CALCITE STOCKWORKS. VEINLETS & DISSEMINATIONS OF PYRITE & MINOR CHALCOPYRITE. FRACTURED. NIWL
1810	0%M - 2%S			
1820				BROKEN TO BRECCIATED. PARTLY CLAY ALTERED. LOCAL PHLOGOPITE.
1830	0%M - ½%S			IRREGULAR PHLOGOPITE. VVL. DISS. PYRITE.
1840				
1850				
1860				SHARPLY LIGHT & DARK MOTTLED DUE TO VARIATION IN AMOUNT OF FINE TREMOLITE & PHLOGOPITE. VVL. DISS. PYRITE. OCCASSIONAL SPECK CHALCOPYRITE. 1865.6. HOLE BOTTOMED 5-6-64
1870				
1880				
1890				
1900				
1910				
1920				
1930				
1940				
1950				
1960				
1970				
1980				
1990				
2000				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
1803.0	2.1	1	1.6	76	1803.0				
	1.2	1	0.5	42					
	2.4	1	0.8	33					
1811.6	5.0	1	0	0					
	3.5	1	1.1	31					
	4.5	1	1.0	22					
1821.8	2.2	1	1.3	59					
	2.8	1	2.8	100	1824.0				
	9.5	1	9.5	100					
	10.1	1	9.9	99					
	5.5	1	5.2	95					
1852.0	2.3	1	1.1	48					
	2.7	1	2.5	93					
	3.0	1	1.6	53					
	2.5	1	2.2	88					
	2.3	1	1.5	65					
1863.5	1.9	1	1.9	100					
1865.4	1.9	1	1.9	100	1866.0				

Logged by R. SEKLEMIAN Drill Hole No. 135 93 Collar El. ____

Depth	ES	LM	S	Str.	Lith + Min.	DESCRIPTION
						ROTARY CUTTINGS
10						PURPLE-BROWN BIOTITE QUARTZ LATITE PORPHYRY WITH MINOR BIOTITE & NUMEROUS GLASSY QUARTZ PHENOCRYSTS.
20						
30						
40						
50						
60						
70						
80						
90						
100						
110						
120						
130						
140						
150						
160						
170						
180						
190						
200						

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
		188		Stan		39		

Pumpkin Hollow

Logged by R. SEKLEMIAN Drill Hole No. [illegible] Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
				ROTARY CUTTINGS
210				PURPLE-BROWN BIOTITE QUARTZ LATITE PORPHYRY.
220				
230				
240				
250				
260				
270				
280				
290				
300				
310				
320				
330				
340				
350				
360				
370				
380				
385				SOME BLACK VOLCANIC VITROPHYRE
390				PURPLE-BROWN BIOTITE QUARTZ LATITE PORPHYRY
400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude

Logged by R. SEKLEMIAN Drill Hole No. 1-93 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
				PURPLE-BROWN BIOTITE QUARTZ LATITE PORPHYRY ROTARY CUTTINGS
410				410
				BLACK VOLCANIC VITROPHYRE. WEAKLY MAGNETIC.
420				
				425
430				LIGHT GRAY-GREEN EPIDOTE-CHLORITE SKARN. NON-LIMY. DISS. PYRITE.
440				
450				
460				
				463' BOTTOM OF ROTARY HOLE. NXWL
				WELL BROKEN CALCITE-ACTINOLITE-TREMOLITE-EPIDOTE SKARN WITH WEAK DISSEMINATED PYRITE.
470				LIGHT GRN-GREEN VERY FINE-GRAINED, SUB-SUGARY, HARD, WEAKLY CO_3! ACTINOLITE?-TREMOLITE?-EPIDOTE SKARN. WEAK DISS PYRITE.
				BROKEN, CALCITE-ACTINOLITE-EPIDOTE SKARN. WK. PYRITE.
480				BRECCIA ZONE OF TALC & SERPENTINE ALTERED SKARN FRAGMENTS.
				FRIABLE COARSELY MOTTLED ACTINOLITE-CALCITE-GARNET-EPIDOTE SKARN WITH DISS. PYRITE.
490	0% M - 3% S			
				SAME SKARN BUT HARD & COMPETENT
500				ZONE AT 20° OF HARD, LIGHT GRAY-GREEN SUB-SUGARY, VERY FINE-GRAINED SKARN AS AT 471' ABOVE.
				WELL BROKEN, CALCITE-EPIDOTE-ACTINOLITE-GARNET SKARN ERRATICALLY FRIABLE & WEAKLY SERPENTINE ALTERED.
510				
520				MOSTLY FINE-GRAINED EPIDOTE-ACTINOLITE-CALCITE SKARN WITH FEW COARSELY MOTTLED PATCHES & SOME ERRATIC SERPENTINE ALTERATION. DISS. PYRITE.
				TALC & SERPENTINE ALTERED BRECCIA ZONE.
530				WELL FRACTURED, HARD TO FRIABLE, MOSTLY FINE-GRAINED GARNET EPIDOTE-ACTINOLITE-CALCITE SKARN WITH DISS. PYRITE. SOME VERY WEAK LIMONITE-STAINING AROUND PYRITE LOCALLY.
				NO CORE - FAULT ZONE?
540				DISS PYRITE & LESSER CHALCOPYRITE.
				THOROUGHLY BROKEN, FRIABLE FINE-GRAINED GARNET-CHLORITE-ACTINOLITE-EPIDOTE SKARN. FEW CALCITE PATCHES. DISS. PYRITE & MINOR CHALCOPYRITE.
550				
				MUD & FRAGMENTS.
				ALTERED HYBRID ROCK. 60% SMALL WHITE PARTLY CALCITE-ALTERED SHARP TO FUZZY PLAGIOCLASE PHENOCRYSTS. VERY FEW POSSIBLE RELIC MEDACRYSTS. ACTINOLITE-CHLORITE ALTERATION OF GROUNDMASS. IRREGULAR GARNET & EPIDOTE PATCHES. DISS. PYRITE. MINOR CHALCOPYRITE.
560				
				FINE-GRAINED HOMOGENEOUS TO LOCALLY COARSELY MOTTLED CRYSTALLINE, FRIABLE, THOROUGHLY FRACTURED, GARNET-ACTINOLITE-EPIDOTE-CHLORITE?-CALCITE SKARN. DISS. PYRITE, MINOR CHALCOPYRITE.
570				
580				
590				
				CRUMBLY SOFT, FRIABLE, BROKEN EPIDOTE-ACTINOLITE-CALCITE SKARN
600				IRREGULAR 0-½" BAND OF CHALCOPYRITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
463.0	7.0	1	0.8	11
470.0	5.5	1	3.4	62
	1.5	1	0.2	13
	0.7	1	0	0
	7.3	1	2.0	27
	3.0	1	2.5	84
488.0	7.0	1	7.0	100
	5.0	1	4.0	80
	5.0	1	4.1	82
	4.3	1	0.3	7
509.3	1.3	1	1.2	93
	4.0	1	2.4	60
	5.5	1	2.7	49
	3.9	1	3.4	87
	4.0	1	3.8	95
	2.0	1	2.0	100
530.0	3.2	1	2.5	83
	0.6	1	0.6	100
	3.4	1	1.6	47
	3.0	1	0	0
	3.5	1	2.8	80
	4.1	1	3.7	90
547.6	7.0	1	6.0	86
	5.9	1	4.7	80
	2.5	1	2.2	88
	6.0	1	2.3	38
	4.5	1	1.7	38
	4.0	1	1.3	33
577.5	2.7	1	0.6	22
	6.4	1	6.4	100
	6.6	1	6.2	94
	6.1	1	6.1	100
599.2				

Elevation 400: 425 — 463.0 — 495.0 — 520.0 — 545.0 — 569.0 — 594.0

Crude: Fe | S | Cu

Logged by R. SEKLEMIAN Drill Hole No. L-95 Collar El.

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
610	0%M - 2% S			SOFT, CRUMBLY, FRIABLE, BROKEN EPIDOTE - ACTINOLITE - CALCITE SKARN. DISS. PYRITE & MINOR CHALCOPYRITE. NXWL
				HARD, FRACTURED, GARNET - EPIDOTE - ACTINOLITE ± CALCITE SKARN. DISS. PYRITE.
620				
630				
640				GRADATIONAL CONTACT LIGHT TAN GRAY, FINE-GRAINED, TREMOLITE - GARNET ± ACTINOLITE - EPIDOTE ± SKARN WITH MINGLED BANDING SUGGESTIVE OF RELIC BEDDING LAMINATIONS AT 10°. BROKEN. DISS PYRITE. MINOR CHALCOPYRITE ±.
650				
660				
670				
680				
690				SAME FRACTURED LIGHT TAN FINE-GRAINED GRANULAR & LOCALLY FRIABLE GARNET - ACTINOLITE - TREMOLITE - EPIDOTE ± SKARN. MOSTLY WITH MINERAL BANDING AFTER RELIC LAMINATIONS. DISS. PYRITE.
700				
				WELL BROKEN.
710				WHITE CALCITE.
				SHEARED - CLAY ALTERED AT 60° SERPENTINE ALTERATION OF SHEAR ZONE.
720	1%M - 3%S			2" POD OF MAGNETITE. STRONG PYRITE IN ACTINOLITE-TREMOLITE-CALCITE-EPIDOTE. THOROUGHLY BROKEN ACTINOLITE - GARNET - EPIDOTE - TREMOLITE - CALCITE SKARN. DISS. PYRITE.
730				DECOMPOSED, CLAY ALTERED EPIDOTE - ACTINOLITE SKARN. WEAK FAULTING?
				BROKEN EPIDOTE - GARNET - ACTINOLITE - TREMOLITE SKARN STRONGLY LACED WITH CALCITE VEINLETS. DISS. PYRITE.
740				SHEARED, SERPENTINE ± ALTERED EPIDOTE - GARNET - ACTINOLITE SKARN. BRECCIATED.
				NO CORE.
750	0%M - 3%S			BROKEN GARNET - EPIDOTE - ACTINOLITE - CALCITE SKARN WITH DISS. PYRITE. CALCITE PATCHES & VEINLETS. LOCAL MINERAL BANDING ALONG RELIC LAMINATIONS.
760				MINOR CHALCOPYRITE ASSOCIATED WITH CALCITE.
				2" CALCITE AT 40° WITH COARSE ± ACTINOLITE SELVEDGES.
770				SOME HORNBLENDE IN EPIDOTE - ACTINOLITE SKARN.
780				
790				
800				IRREGULAR PATCHES & VEINLETS OF CALCITE IN GARNET - EPIDOTE - ACTINOLITE SKARN. WEAK DISS. PYRITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	3.7	1	3.4	92					
	3.5	1	3.5	100					
	3.5	1	3.1	89					
	6.5	1	4.5	69	616.0				
	5.5	1	4.7	85					
	10.0	1	6.2	62					
633.0	4.5	1	4.5	100					
	4.3	1	3.8	88					
	4.5	1	3.7	82	642.0				
	6.4	1	4.7	73					
	4.7	1	4.5	96					
657.4	4.6	1	4.6	100					
	7.5	1	7.5	100	664.0				
	7.0	1	6.5	100					
	7.0	1	7.0	100					
	6.5	1	5.8	89	685.0				
690.0	5.0	1	2.0	40					
	8.0	1	5.6	70					
	6.0	1	6.0	100					
	8.5	1	7.3	86	709.0				
721.5	4.0	1	1.2	30					
	4.5	1	4.5	100					
	5.0	1	4.6	92					
	5.0	1	1.0	20					
	5.0	1	2.0	40					
743.0	2.0	1	0.5	25	743.0				
745.0	2.0	1	0.6	30					
	3.6	1	0	0					
	1.6	1	1.0	62					
	4.8	1	4.1	85					
	4.0	1	3.8	95					
	9.1	1	9.1	100					
	6.0	1	4.7	94	773.0				
	7.9	1	4.6	58					
781.0	4.0	1	4.0	100					
	4.6	1	4.6	100					
	10.0	1	9.6	96					
					800.0				

Logged by R. SEKLEMIAN Drill Hole No. L-93 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
810	0%M-3%S			FRACTURED, FINE TO COARSE GRAINED GARNET-EPIDOTE-ACTINOLITE-CALCITE SKARN WITH DISS. PYRITE & MINOR CHALCOPYRITE. NXWL
			SSX	IRREGULAR CALCITE VEINLETS & LOCAL PATCHES.
820			SSX	
				LOCAL STRONG CHALCOPYRITE ASSOCIATED WITH CALCITE PODS.
830			SSX	
840	3%M-3%S		SSX	CONTINUED GARNET SKARN WITH LESSER EPIDOTE & ACTINOLITE. DISS. PYRITE. SMALL PATCH CALCITE, MAGNETITE, PYRITE, CHALCOPYRITE.
850			SSX	FRIABLE, ALTERED, EPIDOTE-GARNET, ACTINOLITE-SKARN WITH ERRATIC DISS MAGNETITE, PYRITE & MINOR CHALCOPYRITE.
860			SSX	COARSE TREMOLITE-ACTINOLITE-GARNET-EPIDOTE-CALCITE SKARN WITH MINOR ERRATIC DISS. MAGNETITE. DISS. PYRITE & MINOR CHALCOPYRITE.
870	0%M-3%S		SSX	VAGUE MINERAL BANDING AT 20°.
880			SSX	DISSEMINATED MAGNETITE, PYRITE & CHALCOPYRITE IN TREMOLITE-ACTINOLITE EPIDOTE-CALCITE SKARN WITH IRREGULAR PATCHES OF WHITE CALCITE.
890	12%M-4%S		SSX	INCREASE IN GARNET.
900				GARNET-EPIDOTE-ACTINOLITE SKARN
			SSX	MINOR SECONDARY? HORNBLENDE AFTER ACTINOLITE IN EPIDOTE-ACTINOLITE SKARN.
910	15%M-4%S		SSX	DISS. MAGNETITE, PYRITE & MINOR CHALCOPYRITE IN GARNET⁺-ACTINOLITE⁻, EPIDOTE⁼-CALCITE SKARN.
920	7-2		SSX	BROKEN, HARD, DENSE, VERY FINE-GRAINED SUGARY, EPIDOTIZED QUARTZITE OR APLITE. BANDING AT 40°
930	0%M-3%S		SSX	LOCALLY VARIABLE GARNET-EPIDOTE-ACTINOLITE-TREMOLITE-CALCITE SKARN WITH DISS. PYRITE.
940			SSX	1" CHALCOPYRITE⁺ & PYRITE.
950	0-3		SSX	BROKEN, ALTERED, FRIABLE, EPIDOTE⁺-ACTINOLITE-TREMOLITE-GARNET-CALCITE SKARN WITH DISS. PYRITE. SOME REMNANT OR SECONDARY HORNBLENDE.
960	30%M-10%S		SSX	BROKEN⁺ ALTERED, FRIABLE, ORE. DISSEMINATIONS, PATCHES & STOCKWORKS OF MAGNETITE, PYRITE⁺ & CHALCOPYRITE. IN ACTINOLITE, EPIDOTE-CALCITE GANGUE.
970			SSX	EPIDOTE-ACTINOLITE-TREMOLITE SKARN WITH DISS. MAG. CHALCOPYRITE⁺ & PYRITE.
				CHALCOPYRITE⁺
980			SSX	MAGNETITE STOCKWORKS, & DISSEMINATIONS IN ACTINOLITE-EPIDOTE-CALCITE GANGUE. VEINLETS, PATCHES & DISSEMINATIONS OF CHALCOPYRITE⁺, PYRITE.
			SSX	CHALCOPYRITE⁺
990			SSX	
1000			SSX	

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	5.4	1	4.8	89					
	4.5	1	3.3	73					
809.5	3.0	1	2.7	90					
	2.5	1	2.4	95					
	3.6	1	3.5	96					
	10.0	1	9.8	98	822.0				
	10.0	1	9.6	96					
838.6	6.4	1	6.4	100	841.0				
	9.0	1	9.0	100					
	10.0	1	9.8	98	862.0				
	10.0	1	9.7	97					
874.0	8.7	1	8.5	98					
	3.7	1	3.0	81	881.0				
	7.6	1	7.5	99					
	10.0	1	10.0	100	902.0				
904.0	6.4	1	5.9	92					
	7.2	1	6.7	93					
	4.8	1	4.8	100	921.0				
	6.6	1	6.2	94					
929.0	6.0	1	5.5	91					
	5.2	1	5.0	96	940.0				
	9.3	1	8.9	96					
949.5	6.5	1	4.2	65					
	7.0	1	4.0	55	956.0				
	4.0	1	2.8	70					
	6.0	1	2.5	42					
	8.0	1	7.3	92	973.0				
981.0	8.0	1	7.2	90					
	6.0	1	6.0	100	993.0				
995.0	6.4	1	6.4	100					

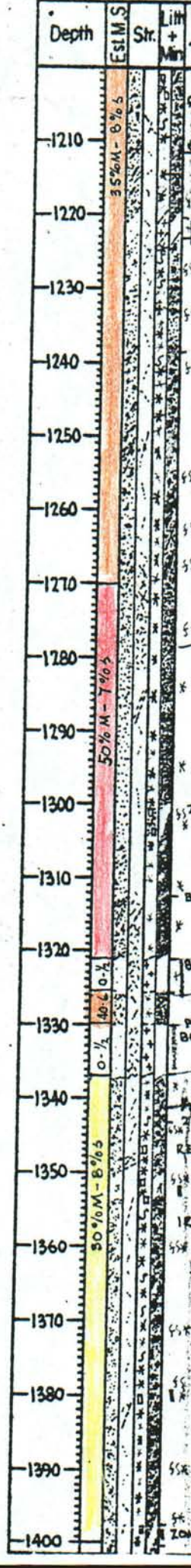
Logged by R. SEKLEMIAN Drill Hole No. ____ Collar El. ____

Depth	Fe S M S	Str.	Lith + Min	DESCRIPTION
1010				COARSE PATCHES OF CHALCOPYRITE+ & PYRITE IN CALCITE.
				PATCHES OF CALCITE WITH 50% CHALCOPYRITE & ± 20% PYRITE.
1020				DISSEMINATED MAGNETITE, PYRRHOTITE, CHALCOPYRITE IN TREMOLITE-ACTINOLITE ALTERATION.
				± 2' BADLY BROKEN ZONE.
1030	30%M - 10%S			COARSE PATCHES CHALCOPYRITE.
1040				
1050				FEW VAGUE ACTINOLITE METACRYSTS.
				MAGNETITE-CHALCOPYRITE STOCKWORKS IN ACTINOLITE-TREMOLITE-EPIDOTE SKARN WITH DISS. MAGNETITE, PYRRHOTITE, CHALCOPYRITE. CALCITE PATCHES.
1060				BADLY BROKEN - CLAY ALTERED - FAULT ZONE ?
1070	15%M - 10%S			DISSEMINATED MAGNETITE, PYRRHOTITE+, CHALCOPYRITE, PYRITE IN ACTINOLITE-TREMOLITE-EPIDOTE SKARN. FEW CALCITE VEINLETS & PATCHES.
1080				STRONG DISS. CHALCOPYRITE.
				BROKEN, FINE-GRAINED ANDESITE WITH SOME EPIDOTE.
1090	25%M-8%S			BROKEN, FINE-GRAINED ANDESITE DIKE.
				DISSEMINATED MAGNETITE, PYRRHOTITE+, CHALCOPYRITE, PYRITE IN TREMOLITE-ACTINOLITE-CHLORITE-EPIDOTE-CALCITE SKARN.
1100				SERPENTINE ALTERED FRAGMENTS IN GRAY-GREEN CLAY.
1110				
1120	35%M-8%S			
1130				
				MAGNETITE, PYRRHOTITE, CHALCOPYRITE, & PYRITE IN TREMOLITE-CHLORITE GANGUE. IRREG. SMALL PATCHES CALCITE. MINOR EPIDOTE.
1140				
1150				
1160				LOCAL BLADED PYRITE & CHALCOPYRITE
				COARSE PODS OF CHALCOPYRITE IN CALCITE.
1170				IRREGULAR PATCHES & DISSEMINATIONS OF MAGNETITE; PYRITE & CHALCOPYRITE IN ACTINOLITE-TREMOLITE-EPIDOTE GANGUE. CALCITE VEINLETS & PATCHES.
1180				
1190				
1200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
	6.6	1	5.4	82				
	8.5	1	8.5	100	1014.0			
	6.5	1	6.3	97				
1026.5	3.5	1	3.2	91				
	10.0	1	9.4	94				
	3.5	1	3.5	100	1037.0			
	6.9	1	6.9	100				
	8.1	1	7.4	91				
1055.0	1.7	1	1.7	100				
	4.8	1	3.7	77	1060.0			
1065.0	3.5	1	2.1	60				
	7.0	1	6.8	97				
	7.7	1	7.3	95	1079.0			
	5.3	1	3.6	68				
1085.0	2.0	1	1.7	85				
	5.5	1	5.5	100	1090.0			
	7.5	1	6.9	92				
	7.0	1	6.2	88				
	6.5	1	5.8	89	1110.0			
1113.5								
	10.0	1	9.3	93				
	10.0	1	9.3	93	1130.0			
	10.0	1	9.6	96				
	7.0	1	6.5	93	1150.0			
1150.5								
	10.0	1	9.4	94				
	10.0	1	8.7	87				
	10.2	1	10.2	100	1170.0			
1080.7								
	10.0	1	8.7	87				
	10.0	1	8.0	80	1190.0			

Logged by R. SEKLEMIAN Drill Hole No. L-93 Coordinates Sheet 1 of

Collar El.



DESCRIPTION

NXWL

POSSIBLE RELIC ACTINOLITE ALTERED "METACRYSTS".

CONTINUED PATCHES & DISSEMINATIONS OF MAGNETITE, PYRITE, CHALCOPYRITE & PYRRHOTITE IN ACTINOLITE → EPIDOTE ALTERATION. SOME IRREGULAR PATCHES OF CALCITE.

PATCHES CHALCOPYRITE.

FINE-GRAINED MED-GRAY ANDESITE DIKE.

PATCHES & DISSEMINATIONS OF MAGNETITE, PYRITE, PYRRHOTITE, CHALCOPYRITE IN ACTINOLITE-TREMOLITE-EPIDOTE-CHLORITE SKARN WITH MINOR LOCAL SERPENTINE. (VAGUE SUGGESTION OF RELIC "METACRYSTS"?)

PYRITE & CHALCOPYRITE.

CONTINUED PATCHES & DISSEMINATIONS OF PYRRHOTITE, CHALCOPYRITE & PYRITE.

ZONE OF EPIDOTE-ACTINOLITE-CHLORITE ALTERED "HYBRID ROCK"? WITH RELIC "METACRYSTS"?

BLEBBED PYRRHOTITE & STRONG CHALCOPYRITE.

BROKEN TREMOLITE-ACTINOLITE-EPIDOTE ALTERED FINE-GRAINED ANDESITE DIKE.

POSITION OF CONTACT NOT KNOWN DUE TO POOR CORE RECOVERY.
BROKEN TREMOLITE-ACTINOLITE-EPIDOTE ALTERED FINE-GRAINED ANDESITE DIKE.

1/4" QUARTZ VEIN AT 30°.
2" ANDESITE DIKE AT 40°

RELIC "METACRYSTS"?

IRREGULAR PATCHES & DISSEMINATIONS OF MAGNETITE, PYRITE, PYRRHOTITE, & CHALCOPYRITE IN TREMOLITE-ACTINOLITE-EPIDOTE-CHLORITE ALTERATION. LOCAL RELIC "METACRYSTS". FEW PATCHES CALCITE.

ZONE OF ACTINOLITE-TREMOLITE ALTERED "HYBRID ROCK" AT 20°

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	10.0	1	10.0	100
1210.7	9.3	1	9.3	100
	5.0	1	4.4	88
	4.0	1	3.2	80
	5.0	1	5.0	100
1234.2	8.5	1	7.6	89
	8.7	1	7.4	85
	2.5	1	1.9	76
1253.7	8.3	1	7.6	92
	5.5	1	5.5	100
1267.5	4.6	1	3.5	76
	7.4	1	3.6	49
	3.1	1	3.1	100
1282.0	5.0	1	5.0	100
	7.4	1	7.2	98
	10.0	1	9.2	92
	5.4	1	5.1	95
	7.6	1	7.0	92
1318.0	4.3	1	3.4	79
	2.8	1	2.8	100
	9.8	1	2.2	22
1335.0	9.6	1	9.6	100
	8.9	1	8.5	95
	10.0	1	10.0	100
	10.0	1	10.0	100
	3.0	1	3.0	100
1376.5	6.4	1	5.6	89
	6.8	1	6.4	95
	7.6	1	7.6	100
1397.3				

Elevation	Crude Fe	Crude S	Crude Cu	Crude
1210.0				
1230.0				
1250.0				
1270.0				
1290.0				
1310.0				
1321.0				
1337.0				
1357.0				
1377.0				
1397.0				

Logged by R. SEKLEMIAN Drill Hole No. E-32

Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1410				CONTINUED PATCHES & IRREGULAR DISSEMINATIONS OF MAGNETITE, PYRITE, CHALCOPYRITE & PYRRHOTITE IN TREMOLITE-ACTINOLITE-CHLORITE GANGUE. CALCITE PATCHES. UNMINERALIZED PATCHES OF ALTERED "HYBRID R." NXWL
				SMALL PATCH CHALCOPYRITE.
1420				CHALCOPYRITE & PYRRHOTITE
1430				CHALCOPYRITE & PYRRHOTITE.
1440				
1450				COARSE CHALCOPYRITE & PYRRHOTITE.
1460				
1470				MAGNETITE, PYRITE, CHALCOPYRITE, PYRROTITE, CALCITE STOCKWORKS IN IN TREMOLITE-CHLORITE SKARN.
				TREMOLITE-ACTINOLITE-CHLORITE-CALCITE SKARN WITH RELIC "METACRYSTS" & DISS. PYRRHOTITE, & CHALCOPYRITE.
				MASSIVE MAGNETITE WITH SMALL PATCHES OF CALCITE & DISSEMINATED, BLADED PYRRHOTITE, CHALCOPYRITE & PYRITE.
1480	35%M-8%S			COARSE BLADED PYRRHOTITE & MINOR CHALCOPYRITE
1490				
1500				COARSE BLADED PYRRHOTITE, CHALCOPYRITE & PYRITE.
1510				6" CALCITE & SERPENTINE AT 30° WITH PATCHES OF PYRRHOTITE & CHALCOPYRITE.
1520	75%M-15%S			COARSE BLADES & PATCHES OF PYRRHOTITE, CHALCOPYRITE & PYRITE IN MASSIVE MAGNETITE.
1530				MINERALIZATION CONTACT AT 10°
	0-1			GRAY & BROWN MOTTLED, BROKEN TREMOLITE-ACTINOLITE-PHLOGOPITE ROCK, FINE GRAINED WITH VAGUE SUGGESTION OF "HYBRID ROCK" TEXTURE.?? GNEISSIC BANDING AT 30°
1540	65%M-15%S			BROKEN GRAY & BROWN MOTTLED TREMOLITE-ACTINOLITE-PHLOGOPITE ROCK AS ABOVE.
1550				COARSE PYRRHOTITE, CHALCOPYRITE & PYRITE IN MASSIVE MAGNETITE WITH SMALL CALCITE PATCHES.
				DISS. MAGNETITE, PYRRHOTITE, CHALCOPYRITE, PYRITE IN CHLORITE-TREMOLITE SKARN.
1560				MAGNETITE-PYRRHOTITE-PYRITE-CHALCOPYRITE
1570	35%M-8%S			STOCKWORKS, DISSEMINATIONS & IRREGULAR PATCHES OF MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE IN CHLORITE, ACTINOLITE, TREMOLITE-EPIDOTE. CALCITE SKARN WITH CALCITE STOCKWORKS.
1580				
1590				
1600				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu
	9.7	1	9.7	100				
	10.1	1	9.6	97				
1417.1					1417.0			
	10.0	1	9.1	91				
	6.8	1	6.0	88				
	10.0	1	9.3	93	1437.0			
	10.0	1	9.7	97				
	4.8	1	4.8	100	1454.0			
1458.7								
	9.5	1	9.2	97				
	0.5	1	0.5	100				
	10.0	1	8.9	89	1471.0			
	7.8	1	7.8	100				
1486.5								
	10.0	1	9.3	93	1491.0			
1496.5								
	8.5	1	8.5	100				
	10.0	1	8.8	88	1510.0			
	10.0	1	9.5	95				
	7.3	1	6.0	82	1528.0			
	9.4	1	8.0	85	1537.0			
1541.4								
	9.7	1	9.2	95				
	10.0	1	10.0	100	1554.0			
	6.1	1	6.1	100	1563.0			
1567.5								
	10.0	1	9.3	93				
	1.5	1	1.1	73				
	10.0	1	9.4	94	1583.0			
	6.0	1	4.4	73				
1595.0								
	4.5	1	3.5	78				

Logged by R. SEKLEMIAN Drill Hole No. 1-93 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1610	30% M - 7% S			IRREGULAR PATCHES & DISSEMINATIONS OF MAGNETITE, PYRITE, CHALCOPYRITE & PYRRHOTITE IN CHLORITE-ACTINOLITE-TREMOLITE-EPIDOTE SKARN WITH CALCITE PATCHES & VEINLETS. NXWL
1620				
1630				BROKEN TO BRECCIATED.
1640				CONTACT BROKEN - NOT SEEN BROKEN FINE-GRAINED ANDESITE DIKE ROCK. FAULT CONTACT AT 45° BROKEN TO BRECCIATED, ALTERED, EPIDOTE-TREMOLITE-SERPENTINE SKARN WITH DISS. MAGNETITE, PYRITE & OCCASSIONAL CHALCOPYRITE.
1650				IRREGULARLY SERPENTINE ALTERED, THOROUGHLY BROKEN WITH LOCAL CLAY · PATCHY MAGNETITE & PYRITE.
1660	60-5			BROKEN ALTERED ANDESITE DIKE EPIDOTE-CHLORITE-ACTINOLITE SKARN WITH PYRITE. BROKEN ALTERED F.G. ANDESITE DIKE.
1670				LOCAL MINERAL BANDING AT 20° STRONG MAGNETITE PATCHES, & DISSEMINATIONS IN ACTINOLITE-CHLORITE SKARN. DISS. PYRITE, PYRRHOTITE & CHALCOPYRITE.
1680	20% M - 4% S			BLADED PYRITE. IRREGULAR MAGNETITE-PYRITE DISSEMINATIONS IN CHLORITE-ACTINOLITE-TREMOLITE-MINOR EPIDOTE SKARN. CALCITE VEINLETS.
1690				
1700	60% M - 8% S			BROKEN FINE-GRAINED ANDESITE DIKE HIGH-GRADE MAGNETITE WITH MINOR SERPENTINE GANGUE & PATCHY, DISSEMINATED & LOCALLY BLADED PYRITE & V. MINOR CHALCOPYRITE. LACED WITH CALCITE VEINLETS & COARSE IRREGULAR CALCITE PATCHES.
1710				
1720	0 - 0.1		Cal	BROKEN MASSIVE COARSE WHITE CALCITE WITH FEW SPOTS CHALCOPYRITE.
1730	60% M - 8% S			BROKEN DISSEMINATED TO MASSIVE MAGNETITE IN CHLORITE-TREMOLITE-SERPENTINE GANGUE. CALCITE VEINLETS & PATCHES. DISS. & PATCHY PYRITE & VERY MINOR CHALCOPYRITE. LOCAL BANDING AT 0°
1740				STEEP WAVY BANDING.
1750				STEEP BANDING FROM 0°-20°
1760				DISS. PYRITE & PROMINENT CHALCOPYRITE.
1770	15% M - 8% S		Calc	CALCITE-TREMOLITE-CHLORITE-SERPENTINE GANGUE. DISS. PYRITE & CHALCOPYRITE. COARSE BLADED PYRITE IN MAGNETITE. CALCITE-SERPENTINE PATCHES.
1780				DISSEMINATED MAGNETITE & PYRITE IN SERPENTINE. CHLORITE. EPIDOTE-ACTINOLITE-CALCITE SKARN - DISS. PYRITE.
1790	65% M - 10% S			BANDING AT 20° SERPENTINE. CHLORITE HIGH GRADE MAGNETITE IN CHLORITE-SERPENTINE GANGUE WITH DISS. PYRITE & CHALCOPYRITE & CALCITE PATCHES.
1800				SOFT BLACK-GREEN SERPENTINE & CLAY & FRAGMENTS OF ALBITE? WAVY BANDED, STEEP, MAGNETITE IN TREMOLITE-ACTINOLITE-CHLORITE?-SERPENTINE. BLADED & DISS. PYRITE & MINOR CHALCOPYRITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation
	6.0	1	5.3	88	1602.0
1609.6	4.1	1	4.1	100	
	4.4	1	4.4	100	
	11.0	1	8.0	73	1622.0
	7.5	1	6.5	87	
1632.5	4.3	1	3.0	70	
	4.5	1	1.6	35	
	1.0	1	0	0	1641.0
	2.7	1	1.2	44	
	2.2	1	1.9	86	
1648.6	1.4	1	0.3	21	
	4.4	1	3.4	77	
	3.3	1	1.5	45	
	2.9	1	2.1	72	
	2.0	1	1.4	70	
	6.8	1	5.3	78	1661.0
1668.0	4.5	1	3.8	84	
	2.3	1	2.0	87	
	5.0	1	5.0	100	1675.0
1679.8	4.8	1	4.1	85	
	9.8	1	8.6	88	
	6.5	1	5.2	80	1696.0
	8.8	1	8.3	95	
1709.7	5.3	1	3.7	70	
	10.0	1	6.9	69	1717.0
1725.0	5.4	1	2.7	50	1727.0
	5.3	1	4.6	87	
	6.8	1	5.1	75	
	9.9	1	9.4	95	1747.0
1756.3	3.9	1	3.9	100	
	6.3	1	6.3	100	
	3.2	1	2.7	84	
	4.1	1	4.1	100	1768.0
	5.1	1	4.3	84	
1775.0	5.1	1	4.1	80	
	7.9	1	5.9	75	1784.0
	4.6	1	3.9	85	
1792.6	5.8	1	5.4	93	1796.0

Crude	Fe	S	Cu	F

Project: LYON NEV. Drill Hole No. L-93 Coordinates Sheet 10 of ____

Logged by R.SEKLEMIAN Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1810	60-8			DISS. & LOCALLY WAVY BANDED MAGNETITE, PYRITE & MINOR CHALCOPYRITE IN ACTINOLITE-CHLORITE-SERPENTINE. CALCITE VEINLETS & PATCHES. NXWL
	30-5			4" MUD & BRECCIA.
				CALCITE VEINLETS & PATCHES.
				MUD & BRECCIA.
1820	10-2			BROKEN, SHEARED, ALTERED ZONE OF LIGHT TO DARK SOFT SERPENTINE WITH RELIC SPOTS?! & IRREGULAR CALCITE. IRREGULAR DISS. PYRITE.
				PATCHY DISS. MAGNETITE IN TREMOLITE-ACTINOLITE SKARN. WITH CALCITE VEINLETS.
1830	0%M-2%S			EPIDOTE-ACTINOLITE SKARN WITH SMALL GRAY HARD SILICEOUS PATCHES. DISS. PYRITE. CALCITE LACEWORK.
				8" MUD & BROKEN FRAGMENTS.
				EPIDOTE-ACTINOLITE-TREMOLITE SKARN WITH SMALL IRREGULAR SILICEOUS PATCHES. DISS. PYRITE.
1840				
1850				BANDING AT 20°
				WEAKLY SKARNED BROKEN, HARD SILICEOUS ROCK. DISS. PYRITE.
1860				7" CLAY & BRECCIA FRAGMENTS RECOVERED.
				CALCITE.
				PARTLY EPIDOTE-SERPENTINE ALTERED SILICEOUS ROCK BANDED TO LAMINATED AT 60°
				BROKEN TO BRECCIATED EPIDOTE-TREMOLITE-SKARN & MUD.
1870				FRACTURED, BROKEN, PARTLY EPIDOTE, ACTINOLITE, GARNET ALTERED, HARD WHITE TO LIGHT GRAY MOTTLED CHERTY ROCK. DISS. PYRITE.
				IRREGULAR BROKEN ZONE OF SILICEOUS EPIDOTE-TREMOLITE SKARN. DISS. PYRITE.
1880				
	0%M-0%S			BRECCIA ZONE COMPOSED OF WHITE TO LIGHT GRAY HARD PORCELAIN CHERTY FRAGMENTS IN WHITE MUD MATRIX. VERY POOR CORE REC.
1890				
				HARD, WHITE TO LIGHT GRAY SUB-TRANSLUCENT CHERTY "PORCELAIN" ROCK. BROKEN. WEAK DISS. PYRITE.
1900	0%M-½%S			SHATTERED
1910				
				1916.0. HOLE BOTTOMED 2-12-64.
1920				
1930				
1940				
1950				
1960				
1970				
1980				
1990				
2000				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	5.2	1	3.4	65
	9.2	1	8.0	87
1812.8				
	6.5	1	4.9	75
	8.5	1	5.7	67
	7.4	1	5.8	78
	6.0	1	4.3	72
	3.8	1	3.1	82
1845.0				
	6.0	1	4.5	75
	5.9	1	2.5	42
	2.7	1	1.0	37
	4.6	1	3.0	65
1864.2				
	2.8	1	1.5	54
	4.8	1	2.2	46
	3.9	1	1.9	49
1875.7				
	4.6	1	1.5	33
	7.9	1	1.1	14
	1.0	1	0.2	20
	2.8	1	0.1	4
	4.8	1	1.6	33
	5.1	1	0.3	6
	1.9	1	1.7	89
	3.7	1	0.2	5
	0.5	1	0.3	60
	3.4	1	0.4	12
	1.0	1	0.4	40
	3.6	1	0.6	17

Elevation	Crude Fe	S	Cu
1817.0			
1826.0			
1846.0			
1868.0			
1916.0			

Logged by E.A. Drill Hole No. L94 Collar El. ____

Pumpkin Hollow

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				Old conglomerate to 75'
20				
				Abndt. oplite to very fine grained monzonite chips.
40				
60				Some black volc. glass.
				75'-185': Soft, very fine grained, alt. iron stained monzonite.
80				
100				
120				125-130 very soft, bleached, limey clay - fault
140				
160				
180				185'-310': Alt. monzonite with dissem. pyrite & mag.
200				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
		188		Stone	10	39			
	Rotary Hole to 392'				75				
					185				
					285				

Logged by E.A. Drill Hole No. L94 Coordinates Sheet ___ of ___ Collar El. ___

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
220				Same as above.
240				
260				
280				
300				
320				310 - 350 Alt. soft, weakly epidotized, very limey meta-sediments. Scatt. pyrite. Minor magnetite.
340				
360				Hard, epidote-garnet skarn with scattered pyrite. Calcareous. Minor magnetite.
380				
400				DISS. MAGNETITE CRUDELY BANDED AT 20° IN CALCITE-EPIDOTE-TREMOLITE SKARN WITH DISS. PYRITE & PROMINENT CHALCOPYRITE. (1' ± 15% M.) SOFT DK. SERPENTINE BROKEN ZONE. DISS. PYRITE. FEW PATCHES EPIDOTE. SPOTS, PATCHES & AREAS OF DARK SOFT SERPENTINE IN GARNET-EPIDOTE-TREMOLITE SKARN. FEW CALCITE VEINLETS.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation
					285
					310.0
					360.0
392.0	2.0	1	1.5	75	392.0
399.6	5.6	1	5.0	90	

ROTARY NXWL

Crude: Fe | S | Cu | P

Logged by R. SEVLEMIAN Drill Hole No. L-94 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	0-0			BROKEN" GARNET" EPIDOTE-CALCITE-TREMOLITE" SKARN. V. MINOR PYRITE. NXWL		2.7	1	2.0	74	397				
						2.3	1	1.8	79					
				CONTACT BROKEN - NO ATTITUDE.		1.2	1	0.6	50	407.0				
				BROKEN" F.G. MONZONITE PORPHYRY. SHADOWY FELDSPARS IN LIGHT GRAY APHANITIC GROUNDMASS. DISS. PYRITE.	409.0	1.4	1	1.4	100					
410	0-1					0.8	1	0.7	88					
				BROKEN CONTACT - NO ATTITUDE.		1.6	1	0.9	56					
						1.2	1	0.6	50					
				FRACTURED EPIDOTE-GARNET-CALCITE-TREMOLITE SKARN. DISS. PYRITE & MINOR CHALCOPYRITE. CHALCOPYRITE INCREASES TOWARD UNDERLYING SERPENTINE.		0.9	1	0.9	100					
					416.5	3.0	1	2.6	87					
						0.6	1	0.2	67					
420	0-1			CLAY & STRONGLY BROKEN CRUDELY BANDED MIXTURE OF DK. SOFT SERPENTINE & CALCITE.		2.5	1	2.5	100					
						1.0	1	1.0	100					
						1.0	1	0.5	50					
						3.0	1	2.5	83					
				BROKEN F.G. ANDESITE.		1.2	1	1.2	100					
						0.8	1	0.8	100					
430	0-0					2.0	1	0.7	35					
						1.7	1	0.8	47					
					431.6	1.6	1	0.4	25					
				BROKEN TO BRECCIATED MIXTURE OF CLAY, SOFT SERPENTINE & CALCITE. DISS. PYRITE.		0.7	1	0.5	71					
						5.5	1	2.6	74	435.0				
				EPIDOTE-TREMOLITE-CALCITE-CHLORITE SKARN WITH WK. DISS. MAGNETITE & DISS PYRITE & CHALCOPYRITE.		4.0	1	3.3	83					
440				HARD SILICEOUS. EPIDOTE-TREMOLITE SKARN. DISS. PYRITE.		3.6	1	3.6	100					
						3.5	1	3.5	100					
				BROKEN PARTLY SERPENTINIZED EPIDOTE SKARN DISS. PYRITE.										
				HARD SILICEOUS EPIDOTE-TREMOLITE SKARN. DISS. PYRITE.										
450	1%M-3%S			PATCHY WK. DISS MAGNETITE & DISS PYRITE & CHALCOPYRITE IN EPIDOTE-TREMOLITE-CALCITE SKARN. SPOTTY SERPENTINE.		6.1	1	6.1	100					
					456.3	3.3	1	2.5	76	454.0				
460	10%M-7%S					9.3	1	8.7	94					
										464.0				
470	0%M-5%S			COARSE DISS. PYRITE & PROMINENT COARSE CHALCOPYRITE.		7.0	1	6.6	94					
										474.0				
				IRREGULAR PATCHY DISSEMINATIONS OF MAGNETITE & DISS. PYRITE IN EPIDOTE-TREMOLITE-CALCITE SKARN WITH SOME LOCAL DK. SERPENTINE.		5.8	1	5.0	86					
480	7%M-4%S													
				SERPENTINE ALTERED FAULT? ZONE		7.4	1	6.6	89	483.0				
						3.3	1	2.8	85					
490	2%M-5%S			BROKEN TO BRECCIATED SERPENTINE ALTERED SKARN.		3.0	1	1.6	53					
						4.6	1	4.6	100	494.0				
					496.7									
	10-5					4.4	1	4.4	100					
500														
						3.6	1	3.1	86					
						2.1	1	1.8	86					
						2.6	1	2.2	85					
510				WK. DISS. MAGNETITE WITH DISS. PYRITE & CHALCOPYRITE" IN EPIDOTE-TREMOLITE-CALCITE SKARN.										
						8.6	1	8.6	100	516.0				
520				BROKEN HARD GRAY MONZONITE PORPHYRY WITH SHADOWY FELDSPARS IN LIGHT SUB-TRANSLUCENT APHANITIC GROUNDMASS. V. MINOR CHLORITE AFTER HORNBLENDE. DISS. PYRITE.		2.6	1	1.8	69					
						2.5	1	1.4	56					
					523.1	1.3	1	1.1	85					
						2.9	1	2.5	86					
530						2.7	1	2.7	100					
						2.0	1	2.0	100					
						1.4	1	0.7	50					
				SERPENTINIZED FAULTED CONTACT ZONE AT 25°										
						4.9	1	4.2	86	536.0				
						2.0	1	2.0	100					
540	2%M-5%S			EPIDOTE-TREMOLITE-CALCITE SKARN W. DISS. PYRITE & PROMINENT CHALCOPYRITE. V. MINOR SMALL PATCHES OF FINE. WK. DISS. MAGNETITE. MINOR SPHALERITE.		8.2	1	8.1	83					
						0.7	1	0.4	33					
						8.3	1	8.3	100					
					549.6									
550				BROKEN F.G. ANDESITE DIKE AT 60°?		2.1	1	2.1	100					
				EPIDOTE-CALCITE-TREMOLITE SKARN. DISS. PYRITE & CHALCOPYRITE".		3.3	1	3.3	100					
						4.5	1	3.8	85	558.0				
				SOFT DK. GRAY SERPENTINE. WITH CALCITE SPOTS & PATCHES. BROKEN WITH SEVERAL SERPENTINE-TALC CLAY BRECCIA ZONES. SOME PYRITE & CHALCOPYRITE".										
560						6.0	1	5.7	95					
				PARTLY SERPENTINIZED EPIDOTE-TREMOLITE-CALCITE SKARN WITH DISS. PYRITE & CHALCOPYRITE."										
						4.5	1	4.1	91					
				BROKEN EPIDOTE-CALCITE"-TREMOLITE SKARN. DISS. PYRITE. PROMINENT LOCAL CHALCOPYRITE.		2.3	1	1.7	74					
570				BROKEN, SOFT GRAY-GREEN SERPENTINE. MINOR WHITE TALC-CLAY.						573.0				
					575.5	3.2	1	2.7	85					
				BROKEN F.G. MED. GRAY. ANDESITE. NO ATTITUDE.		2.1	1	1.3	62					
						1.0	1	0.3	30					
						1.4	1	1.4	100					
580				BROKEN TO BRECCIATED GRAY-GREEN SERPENTINE & WHITE TALC-CLAY. FEW SMALL PATCHES OF EPIDOTE. SPOTTY PYRITE.		4.0	1	4.0	100					
						4.0	1	3.2	80					
						1.7	1	1.1	65					
590														
				SMALL PATCH CHERTY EPIDOTE SKARN AT 35°		7.0	1	7.0	100					
600						6.8	1	5.0	77					

Logged by R.SEKLEMIAN Drill Hole No. L-94 Collar El. _____

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION
				BROKEN SOFT DK. SERPENTINE. SOME TALC-CLAY. DISS. PYRITE. NXWL
				BROKEN, HARD, LIGHT GRAY, FINE-GRAINED MONZONITE PORPHYRY+. VERY WK. CHLORITE. DISS. PYRITE.
610				
	0% M - 1% S			HARD, F.G. PARTLY SILICEOUS EPIDOTE-TREMOLITE-CALCITE SKARN. WK. PYRITE.
620				LOCAL BANDING AT 30°.
				IRREGULAR CALCITE PATCHES IN EPIDOTE-GARNET-TREMOLITE CALCITE SKARN.
630	3% M - 2% S			V. WK. FINE DISS MAGNETITE & WK. DISS. PYRITE IN EPIDOTE-TREMOLITE CALCITE-CHLORITE- SKARN. FEW CALCITE VEINLETS.
640				
				HARD MED GRAY SPOTTED CHERT WITH FINE DISS. PYRITE.
650				1' BAND EPIDOTE-TREMOLITE SKARN.
	0% M - 4% S			EPIDOTE-TREMOLITE SKARN. DISS. PYRITE BROKEN WKLY CHLORITIZED SHADOWY TEXTURED MONZONITE PORPHYRY. PYRITE EPIDOTE-TREMOLITE SKARN. DISS. PYRITE BROKEN WKLY CHLORITIZED MONZONITE PORPHYRY. DISS. PYRITE. EPIDOTE-TREMOLITE CALCITE SKARN DISS. PYRITE.
660				
				BROKEN ZONE OF CRYSTALLINE CALCITE, SPOTS OF DK. SERPENTINE, & MINOR TREMOLITE & EPIDOTE. MAY BE ALTERED MARBLE?
670				EPIDOTE-TREMOLITE SKARN. BROKEN. DISS. PYRITE & CHALCOPYRITE=.
				BROKEN GRAY F.G. MONZONITE PORPHYRY + DISS. PYRITE.
680				BROKEN, EPIDOTE-TREMOLITE-CALCITE, CHLORITE SKARN. DISS. PYRITE.
				4" SERPENTINE BRECCIA
690	1% M - 2% S			BROKEN CHLORITIZED F.G. MONZONITE WITH V. WK. DISS. V. FINE MAGNETITE. DISS. PYRITE.
700				
				EPIDOTE-CALCITE-TREMOLITE SKARN WITH WK. DISS. MAGNETITE & COARSE DISS. PYRITE.
710	6-5			SILICIFIED CHLORITE-EPIDOTE SKARN. PYRITE-
				BROKEN EPIDOTE+. TREMOLITE-CALCITE- SKARN. DISS. PYRITE.
720				
	0% M - 2% S			PARTLY SILICIFIED EPIDOTE-CHLORITE-TREMOLITE SKARN. DISS. PYRITE. MINOR ERRATIC CHALCOPYRITE=
730				
				8" CHLORITIZED MONZONITE. EPIDOTE-TREMOLITE SKARN WITH PATCHY CALCITE. DISS PYRITE & CHALCOPYRITE-
740				PARTLY SILICIFIED CHLORITE-EPIDOTE TREMOLITE SKARN. DISS. PYRITE. MINERAL BANDING AT 30°
				4" WK DISS. MAGNETITE.
750				EPIDOTE-CALCITE-TREMOLITE-CHLORITE SKARN. DISS. PYRITE.
				PATCHY SILICIFICATION. IN EPIDOTE-TREMOLITE, SKARN. DISS. PY & CPY= FEW SMALL PATCHES OF LAVENDER FLOURITE?
760	10-3			
770				DISS PYRITE & MINOR CHALCOPYRITE=
	2% M - 2% S			
780				EPIDOTE+-TREMOLITE-CALCITE SKARN WITH ERRATIC V. WK. DISS. MAGNETITE & DISS. PYRITE & MINOR CHALCOPYRITE.
790				
800				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
603.2									
	3.6	1	3.3	95	605.0				
	2.8	1	2.4	86					
	2.7	1	2.7	100					
	10.1	1	10.1	100					
	6.0	1	6.0	100					
	6.7	1	6.7	100	632.0				
635.0									
	6.0	1	6.0	100					
	4.0	1	4.0	100					
	4.0	1	4.0	100	646.0				
	3.8	1	3.8	100					
	5.3	1	5.3	100					
	3.5	1	3.5	100					
	6.4	1	6.4	100	667.0				
	2.5	1	2.3	92					
670.5	1.3	1	1.3	100					
	3.2	1	3.2	100					
	2.5	1	2.3	92					
	3.5	1	3.5	100					
	4.0	1	3.7	92	684.0				
	1.7	1	0.6	35					
686.7	2.4	1	1.7	71					
	1.0	1	0.7	70					
	1.9	1	1.4	74					
	2.4	1	1.5	63					
	1.7	1	1.7	100					
	3.8	1	3.8	100					
	9.4	1	9.1	97	708.0				
	7.7	1	7.7	100	713.0				
717.0									
	5.2	1	5.2	100					
	3.5	1	3.5	100					
	5.3	1	5.3	100					
	3.4	1	3.4	100					
	6.0	1	6.0	100	737.0				
740.4	2.1	1	2.1	100					
	3.4	1	3.4	100					
	4.3	1	4.0	93					
	4.3	1	4.3	100					
	5.3	1	4.1	77					
	8.1	1	8.1	100	762.0				
	3.6	1	3.6	100	769.0				
	3.6	1	3.6	100					
	4.8	1	4.8	100					
	5.1	1	5.1	100					
	6.2	1	6.2	100					
791.2									
	10.2	1	9.6	94					

Logged by R. SEKLEMIAN — Drill Hole No. 1-94 — Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
810	10-3			PATCHY CALCITE & INCREASED DISS. MAGNETITE. DISS. PYRITE & PROMINENT CHALCOPYRITE. NWL
				1" WHITE COARSELY CRYSTALLINE QUARTZ AT 45°- VEIN.
				TREMOLITE- CHLORITE- EPIDOTE- CALCITE SKARN. DISS PYRITE & MINOR CHALCOPYRITE.
820	0%M - 2%S			
830	8%M - 8%S			WK. DISS. MAGNETITE, PYRITE & CHALCOPYRITE.
840				
850				¼"-½" VEINLET AT 10° OF PYRITE, CHALCOPYRITE & MAGNETITE. STRONG LOCAL DISS CHALCOPYRITE.
				STRONG LOCAL CHALCOPYRITE.
860				EPIDOTE - CHLORITE - TREMOLITE - CALCITE SKARN WITH WK. DISS. MAGNETITE & DISS. PYRITE & CHALCOPYRITE.
870				
880				
890				
900				
910				± 1" IRREGULAR VEIN AT 10° OF COARSE PYRITE & MINOR MAGNETITE.
920				
930				½" CALCITE WITH COARSE CHALCOPYRITE.
				1' P.G. ANDESITE DIKE
940				
950	5%M - 6%S			
960				
970				
980	1%M - 6%S			1' F.G. ANDESITE DIKE AT 40°
990	0 / 16			EPIDOTE - TREMOLITE SKARN WITH STRONG PYRITE STOCKWORKS.
1000				BROKEN, FAULTED F.G. ANDESITE.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	4.7	1	4.7	100	801.0				
	6.2	1	5.7	92	808.0				
	2.0	1	2.0	100					
	0.5	1	0.5	100					
816.8	2.4	1	2.1	88					
	1.4	1	1.4	100					
	5.4	1	5.4	100					
	9.4	1	9.4	100	826.0				
	0.6	1	0.5	83					
	8.6	1	7.9	92					
	9.6	1	9.6	100	846.0				
	5.7	1	5.7	100					
857.2	1.4	1	1.3	100					
	2.8	1	2.8	100					
	10.0	1	9.6	96	870.0				
	9.5	1	9.5	100					
	8.1	1	8.1	100					
889.0									
	9.5	1	9.5	100					
	9.7	1	9.7	100					
908.2									
	9.0	1	8.6	96	910.0				
	7.8	1	7.8	100					
	10.0	1	10.0	100	930.0				
935.0									
	3.9	1	3.9	100					
	9.9	1	9.9	100					
	4.6	1	4.6	100					
	9.8	1	9.8	100					
	6.4	1	6.1	95					
	9.9	1	9.2	93	970.0				
	5.5	1	5.5	100					
985.0	2.4	1	2.4	100					
	5.0	1	5.0	100					
	7.6	1	7.4	98	994.0				

Logged by R.SEVILEMIAN Drill Hole No. L-94 Collar El. _____

Depth	Est M.S	Str.	Lith + Min.	DESCRIPTION
1010	0-5			BROKEN+ LOCALLY FRIABLE EPIDOTE+ TREMOLITE SKARN. DISS. PYRITE. NIWL
	5-10			BROKEN+ F.G. ANDESITE - NO ATTITUDE.
				VAR. PATCHY DISS. MAGNETITE IN EPIDOTE - TREMOLITE - CALCITE SKARN - DISS. PYRITE.
	0-5			BROKEN+ F.G. ANDESITE. NO. ATTITUDE.
				EPIDOTE - TREMOLITE SKARN. CALCITE VEINLETS. DISS. PYRITE.
1020				BRECCIATED F.G. ANDESITE.
				BROKEN GRAY-GREEN TREMOLITE - ACTINOLITE - EPIDOTE "HYBRID ROCK" W. PROM. ACTINOLITE "METACRYSTS". DISS. PYRITE.
				SOFT FRIABLE ALTERED EPIDOTE - TREMOLITE SKARN. PYRITE
1030	0%M - 1%S			BROKEN "HYBRID ROCK" AS ABOVE. EPIDOTE STOCKWORKS. DISS. PYRITE MINOR ERRATIC CHALCOPYRITE.
1040				
1050				
1060				
				CLAY & BRECCIATED "HYBRID ROCK"
1070				BRECCIATED F.G. ANDESITE. NO ATTITUDE.
1080				6" SILICIFIED "HYBRID ROCK" BRECCIATED
				BROKEN+ F.G. ANDESITE. NO ATTITUDE.
1090				BROKEN TO BRECCIATED. SOME CLAY.
1100	0%M - 2%S			
1110				SERPENTINE - CLAY BRECCIA.
				NO CORE RECOVERED.
1120				STRONGLY BROKEN TO FRIABLE. ALTERED EPIDOTE - TREMOLITE SKARN WITH DISS. MAGNETITE & PYRITE WITH PROMINENT CHALCOPYRITE.
1130	8%M - 5%S			BROKEN+ "HYBRID ROCK". DISS. PYRITE.
				BROKEN+ DISS. MAG. PYRITE & CHALCOPYRITE IN EPIDOTE - TREMOLITE SKARN. FEW FRAGMENTS OF "HYBRID ROCK"
				PATCHY DISS. MAGNETITE, DISS. PYRITE & CHALCOPYRITE IN EPIDOTE - TREMOLITE - CHLORITE SKARN. BROKEN+. CALCITE VEINLETS.
1140				
				BROKEN "HYBRID ROCK". DISS. PYRITE.
	0-4			DISS. MAG., PYRITE, PYRRHOTITE & CHALCOPYRITE IN TREMOLITE - CHLORITE - EPIDOTE SKARN. BANDING OF PYRITE - MAG. AT 25°.
1150				BROKEN+ ALTERED "HYBRID ROCK". DISS. PYRITE.
				BROKEN CONTACT - NO ATTITUDE.
1160	8%M - 5%S			FRACTURED CHLORITE - TREMOLITE - EPIDOTE - CALCITE SKARN WITH PATCHY & DISS. MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE.
				BROKEN CONTACT - NO ATTITUDE.
1170	0-5			FRACTURED "HYBRID ROCK". DISS. PYRITE.
				INCREASE IN CHALCOPYRITE
	15-5			BAND OF EPIDOTE - CHLORITE SKARN
				DISS. MAGNETITE, PYRITE & PROMINENT CHALCOPYRITE IN TREMOLITE SKARN.
1180				CHLORITE - EPIDOTE SKARN. DISS PYRITE, PYRRHOTITE & CHALCOPYRITE.
	2-3			FRACTURED "HYBRID ROCK" DISS. PYRITE
				EPIDOTE - CHLORITE SKARN 3" MAGNETITE - PYRRHOTITE - PYRITE & CHALCOPYRITE AT UPPER CONTACT.
1190				"HYBRID ROCK" - DISS. PYRITE.
				MINOR PATCHES MAGNETITE IN HARD TREMOLITE - CHLORITE - EPIDOTE SKARN. POOS & DISS. PYRITE, PYRRHOTITE & CHALCOPYRITE.
				LOCAL PROMINENT CHALCOPYRITE.
1200				NO ATTITUDE.
				FRACTURED "HYBRID ROCK" WITH DISS. PYRITE,

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	3.5	1	2.6	67					
	4.2	1	3.6	86					
1011.2	3.1	1	1.4	77					
	1.8	1	0	0					
	2.2	1	1.8	82					
	3.5	1	2.0	57					
	2.8	1	2.8	100	1019.0				
	3.8	1	3.8	100					
	1.8	1	0.8	45					
1033.5	5.4	1	5.4	100					
	2.5	1	2.5	100					
	4.6	1	4.2	94					
	2.6	1	2.6	100					
	1.7	1	1.7	100					
	3.1	1	2.7	87					
1049.0	2.0	1	1.6	80					
	2.8	1	2.5	89					
	4.4	1	3.3	75					
	2.5	1	2.5	100	1059.0				
	3.9	1	3.5	90					
	3.6	1	2.4	67					
1069.0	2.8	1	1.1	39					
	0.6	1	0.1	16					
	2.5	1	2.3	94					
	3.1	1	1.4	45					
	3.0	1	2.6	87					
	2.4	1	2.1	87					
	2.3	1	1.0	44					
1083.9	1.6	1	1.1	69					
	3.5	1	3.5	100	1087.0				
	2.0	1	1.3	65					
	2.8	1	2.8	100					
	2.4	1	1.8	75					
	5.0	1	4.3	86					
	3.0	1	2.6	87					
	3.5	1	2.7	74					
	2.2	1	2.0	91					
1111.6	1.7	1	0	0					
	4.8	1	0.4	8	1113.0				
	2.2	1	1.4	64					
	3.7	1	1.3	35					
1124.9	2.6	1	0.9	34					
	2.8	1	0.5	18					
	2.2	1	1.7	78					
	3.1	1	1.0	31					
	2.4	1	1.9	80					
	2.5	1	1.1	44					
	1.8	1	0.2	11					
	2.2	1	1.0	46					
1142.2	1.3	1	0.6	46					
	1.4	1	1.0	72					
	3.2	1	2.4	75	1146.0				
	2.7	1	2.3	86					
	4.6	1	4.6	100	1152.0				
1156.1	2.0	1	2.0	100					
	3.9	1	3.9	100					
	4.9	1	4.7	96					
	3.5	1	3.5	100	1166.0				
	3.3	1	3.1	94					
	4.6	1	4.2	91					
					1176.0				
	4.8	1	4.4	92	1180.0				
	4.9	1	4.2	86					
1189.1	3.1	1	2.8	90	1189.0				
	3.7	1	3.7	100					
	1.0	1	0.5	50					
1197.2	3.4	1	1.7	50					
	4.9	1	4.7	96					

Logged by R. SEKLEMIAN Drill Hole No. [illegible] Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1210	10%M-5%S			ERRATIC MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE IN TREMOLITE "HYBRID ROCK". NXWL FRACTURED
				EPIDOTE-CHLORITE-TREMOLITE SKARN W. MINOR MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE. BROKEN.
1220	10%M-4%S			BROWN TREMOLITE-EPIDOTE "HYBRID ROCK" W. ERRATIC MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE.
				PATCH OF EPIDOTE-CHLORITE SKARN.
				LOCAL BANDING AT 20°
1230				
				TREMOLITE-EPIDOTE "HYBRID ROCK" WITH ERRATIC MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE". GENERALLY VAGUE "HYBRID ROCK" TEXTURE. SOME CALCITE "STOCKWORKS".
1240				
1250				
1260				
1270	20%M-10%S			DISS. MAGNETITE, PYRITE, PYRRHOTITE & CHALCOPYRITE IN EPIDOTE-TREMOLITE-CALCITE SKARN.
1280				FRACTURED "HYBRID ROCK" WITH DISS. PYRITE.
1290	5%M-3%S			TREMOLITE EPIDOTE SKARN. VAGUE "HYBRID" TEXTURE? PATCHY MAG. PYRR. PY & CPY.
				BAND AT 30° OF EPIDOTE-TREMOLITE SKARN. CHLORITE.
				TREMOLITE-EPIDOTE-CALCITE SKARN. MINOR PATCHY MAGNETITE & PYRR.-CPY. DISS. PYRITE.
1300				FRACTURED TREMOLITE "HYBRID ROCK" WITH ERRATIC WK. MAG. STOCKWORKS. ERRATIC POPS & DISS. PYRITE.
1310	10%M-5%S			PROMINENT CHALCOPYRITE.
1320				MAG. PYRR., PY. & CPY STOCKWORK IN "HYBRID ROCK"
1330	5%M-2			
1340	15%M-8%S			
1350				
1360	0%M-2%S			EPIDOTE-CHLORITE SKARN, PARTLY SILICIFIED? WITH VAGUE "HYBRID ROCK" TEXTURE. DISS. PYRITE.
1370				TREMOLITE "HYBRID ROCK" WITH PYRITE & CHALCOPYRITE DISS. & VEINLETS.
				PARTLY SILICIFIED EPIDOTE-TREMOLITE-CHLORITE SKARN. DISS. PYRITE & CHALCOPYRITE.
1380				TREMOLITE "HYBRID ROCK" WITH THIN GARNET BAND AT 0°-5°. DISS. PYRITE & CHALCOPYRITE.
1390				EPIDOTE-TREMOLITE SKARN. PYRITE & CHALCOPYRITE
				F.G. TREMOLITE "HYBRID ROCK" WK. PYRITE.
				PATCH EPIDOTE-TREMOLITE SKARN. PYRITE.
1400				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	4.1	1	3.5	85					
	5.0	1	4.7	94	1212.0				
	4.7	1	4.3	92					
1215.9	3.0	1	2.8	93					
	4.9	1	4.9	100					
	3.6	1	3.2	89					
	4.5	1	4.0	89					
	3.8	1	3.8	100	1235.0				
	4.5	1	4.0	89					
	4.8	1	4.8	100					
1245.0	4.8	1	4.5	94					
	4.9	1	4.9	100					
	4.9	1	4.9	100					
	3.7	1	3.3	89					
	4.9	1	4.9	100					
	3.5	1	3.0	86	1271.0				
1271.7	7.9	1	7.3	94					
	4.6	1	3.7	80	1281.0				
	10.0	1	9.1	91					
	8.0	1	7.7	96	1300.0				
1302.2	10.1	1	9.5	94					
	3.1	1	3.1	100	1312.0				
1315.4	0.8	1	0.4	50					
	4.5	1	3.9	87					
	10.0	1	10.0	100	1328.0				
	10.0	1	9.7	97	1338.0				
	10.0	1	9.4	94					
	4.7	1	4.7	100					
1355.4	2.7	1	2.7	100	1357.0				
	10.0	1	9.8	98					
	10.1	1	9.9	99					
1378.2	4.2	1	4.2	100					
	0.6	1	0.4	67	1383.0				
	6.4	1	5.2	82					
	4.0	1	4.0	100					
	9.6	1	9.6	100					

Logged by R. SEVLEMIAN Drill Hole No. L-94 Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1410	10-4			TREMOLITE - MINOR EPIDOTE "HYBRID ROCK". LOCAL MAGNETITE, PYRITE & CHALCOPYRITE" STOCKWORKS & DISSEMINATIONS. NYWL
				CALCITE STOCKWORKS & PATCHES.
				NO ATT.
	0-1			FRACTURED F.G. ANDESITE.
1420	15-10			TREMOLITE "HYBRID ROCK" WITH ERRATIC MAGNETITE-PYRITE-CHALCOPYRITE" STOCKWORKS. DISS. PYRITE - ERRATIC PYRRHOTITE. ERRATIC PHLOGOPITE.
1430				LOCAL STRONG CHALCOPYRITE.
1440	5%M-4%S			
1450				F.G. ANDESITE DIKE.
1460	8-10			PROMINENT CHALCOPYRITE & PYRRHOTITE. DISS. PYRITE.
				PATCHY CALCITE.
1470	4%M-5%S			
1480				CONTINUED PYRITE & CHALCOPYRITE". LESS PYRRHOTITE.
1490	7%M-7%S			
1500				
1510				STRONG LOCAL PYRRHOTITE & PYRITE. MINOR CHALCOPYRITE.
				STRONG LOCAL CHALCOPYRITE. LOCAL SILICIFICATION.
1520	10%M-10%S			LOCAL EPIDOTE.
				FRACTURED F.G. ANDESITE DIKE.
1530				CHLORITE - TREMOLITE "HYBRID ROCK" WITH MAGNETITE, PYRITE, CHALCOPYRITE, CALCITE STOCKWORKS & PYRITE-CHALCOPYRITE DISSEMINATION. CHLORITE APPEARS MORE OR LESS AS ENVELOP AROUND STOCKWORKS MINERALIZATION.
1540				LOCAL EPIDOTE.
1550	6%M-4%S			LOCAL SILICIFICATION.
1560	0-4			
1570				NO CORE RECOVERED. POSSIBLE FAULT ZONE?
				STRONG MAGNETITE, PYRITE, PYRRHOTITE & MINOR CHALCOPYRITE. MINOR TREMOLITE GANGUE.
				LOCALLY SILICEOUS EPIDOTE-TREMOLITE SKARN. BANDING AT 20°. DISS. PYRITE & CHALCOPYRITE"
1580	25%M-5%S			BROKEN UP F.G. ANDESITE
				DISS. MAG. & PYRITE IN BROKEN FRIABLE EPIDOTE-TREMOLITE SKARN.
				BROKEN UP F.G. ANDESITE.
1590				DISS. MAGNETITE, PYRITE & CHALCOPYRITE IN TREMOLITE-CALCITE-GARNET SKARN.
	0-1			EPIDOTE-TREMOLITE SKARN. STRONG CALCITE STOCKWORKS. MINOR PYRITE. SOME MASSIVE HEMATITE STAINING.
1600				FRACTURED EPIDOTE-TREMOLITE SKARN WK. PYRITE. MAROON STAINING ON FRACTURES. & DISS. SPOTS.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
1403.0									
	7.7	1	7.5	98	1405.0				
	4.4	1	4.4	100	1413.0				
	2.0	1	2.0	100					
	4.7	1	4.5	96	1417.0				
	10.0	1	10.0	100	1424.0				
1431.8									
	10.0	1	9.8	98					
	5.8	1	5.8	100					
	10.0	1	9.6	96	1456.0				
	10.0	1	10.0	100					
1467.8	0.2	1	0	0					
	9.4	1	9.4	100					
	9.8	1	9.8	100	1479.0				
	10.0	1	10.0	100					
	10.0	1	9.8	98					
1507.0					1506.0				
	9.0	1	8.3	92					
	4.7	1	4.7	100					
	5.4	1	5.4	100					
	2.0	1	1.9	95	1528.0				
	4.9	1	4.7	96					
1535.3	2.3	1	2.4	92					
1537.9	2.6	1	1.8	69					
	2.5	1	1.7	68					
	4.6	1	2.8	61	1543.0				
	7.8	1	6.8	87					
	4.2	1	3.5	83	1556.0				
	6.6	1	6.3	96					
	7.4	1	0.8	11					
1571.0	1.0	1	0.7	70	1570.0				
	4.7	1	3.8	81					
	4.6	1	3.7	80					
1581.3	2.7	1	1.6	59					
	8.0	1	8.0	100					
	10.2	1	9.9	97	1592.0				

Project: LYON NEV. Drill Hole No. L-94 Coordinates Sheet 9 of ____

Logged by R. SEVLEMIAN Collar El. ____

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
1610	0%M - 3%S			FRACTURED TO LOCALLY BROKEN, PARTLY FRIABLE, ALTERED, EPIDOTE-GARNET-TREMOLITE SKARN. MINOR PYRITE & CALCITE STOCKWORKS. MAROON HEMATITE STAINING ON FRACTURES. NXWL										
						10.3	1	10.3	100					
					1612.5									
						1.6	1	1.2	75					
1620				NO CORE RECOVERY. POSSIBLE FAULT ZONE?		6.3	1	0.2	3					
				BROKEN TO BRECCIATED.		2.6	1	1.9	73					
				POSSIBLE BANDING AT 30°? WK. PYRITE.		2.7	1	2.7	100					
						2.9	1	2.9	100					
					1628.6					1629.0				
1630				FRACTURED TREMOLITE "HYBRID ROCK" ATTITUDE UNCERTAIN.		3.0	1	3.0	100					
				BROKEN "EPIDOTE-TREMOLITE-GARNET" SKARN. WK. PYRITE.		3.1	1	3.1	100					
						3.0	1	3.0	100					
1640				FRACTURED TREMOLITE "HYBRID ROCK" MINOR EPIDOTE PATCHES & STOCKWORKS. DISS. PYRITE.		5.1	1	5.1	100					
						10.0	1	9.6	96					
1650					1652.8					1653.0				
				BROKEN EPIDOTE-TREMOLITE SKARN. WK. PYRITE.		4.0	1	3.1	78					
						4.2	1	4.2	100					
1660						9.5	1	9.3	98					
1670				FRACTURED TO BROKEN TREMOLITE "HYBRID ROCK". CALCITE STOCKWORKS. DISS. PYRITE.		3.3	1	3.3	100					
					1673.8	0.9	1	0	0	1674.0				
	0-4			V.F.G. EPIDOTE-DOLOMITE? SKARN. FRACTURED TO BROKEN. DISS. PYRITE & MINOR CHALCOPYRITE.		4.0	1	4.0	100					
1680						2.0	1	2.0	100					
				FRACTURED TREMOLITE "HYBRID ROCK". DISS. PYRITE & SIGNIFICANT CHALCOPYRITE.	1680.7	1.8	1	1.8	100	1681.0				
				FRACTURED TO BROKEN F.G. EPIDOTE-TREMOLITE-DOLOMITE?? SKARN. DISS. & STOCKWORKS OF PYRITE & MINOR CHALCOPYRITE.		3.9	1	3.9	100					
						2.6	1	2.6	100					
1690					1689.0									
	0%M - 8%S					4.0	1	3.8	95					
				PROMINENT CHALCOPYRITE. MINOR GARNET.		2.0	1	1.9	95					
						5.0	1	4.8	96					
1700				1' SHEARED, ALTERED, FRIABLE, TREMOLITE-CHLORITE-SILICA ROCK. 1700.0 HOLE BOTTOMED 4-3-64	1700.0					1700.0				
1710														
1720														
1730														
1740														
1750														
1760														
1770														
1780														
1790														

Project: LYON NEV. Drill Hole No. L-95 Coordinates Sheet 1 of

Logged by E.A. LINE B. Collar El.

Pumpkin Hill Area

Depth	Est M.S.	Str.	Lith + Min.	DESCRIPTION
				Alt. rhyolite.
10				
				10 - 20' soft, iron stained, altered monzonite. Very soft at contact with rhyolite - fault?
30				
50				
70				
90				20 - 135' Alt., soft, calcareous monzonite with dissem. magnetite. Some limonite and hematite specks after pyrite.
110				
130				
150				
				135' - 280' Soft, very altered monzonite with weak dissem. magnetite. Very calcareous. Abndt. pink stain. Some limonite and hematite after pyrite. Wk. clay alteration.
170				
190				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation 0	Crude Fe	Crude S	Crude Cu	Crude P
		(188)		Oxm) 39					
					100				
	Rotary hole to 418'								

Project: LYON NEV. Drill Hole No. L95 Coordinates Sheet 2 of ____

Logged by E.A. ____ Collar El. ____

Depth	Est M.S	Str.	Lith + Min	DESCRIPTION
220				
240				
260				
280				280' - 418' Altered soft, monzonite with dissem. magnetite & pyrite. Very calcareous. Some clay alteration.
300				
320				
340				
360				
380				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation 200	Crude Fe	Crude S	Crude Cu	Crude P
					300.0				
					360.0				

Project: LYON NEV. Drill Hole No. L95 Coordinates _____ Sheet 3 of ___

Logged by EA. _____ Collar El. _____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
410				Rock hard
420				
430				
440				
450				
460				
470				
480				
490				
500				
510				
520				
530				
540				
550				
560				
570				
580				
590				
600				

Rotary

NXWL

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
					418.0				

Logged by EA. Drill Hole No. L98 NORTH AREA Collar El. ____

Depth	FS L M S	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation A.D	Crude Fe	Crude S	Crude Cu	Crude P
							(188)		Item		3	9		
20				Qal										
40										40.0				
60				Soft & hard, altered, iron stained, silicious meta-sediment. Some limonite & hematite after pyrite.										
80				63'-83' Very soft light colored, phyllitic (?) meta-sediment. Abndt. sericite & talc.						75.0				
				Becoming hard. Some copper oxide minerals.										
										97.0				
100														
120														
140														
160														
180														
200														

Rotary Hole to 97'

Pump Fill Hole

Project: LION NEV. Drill Hole No. L99 Coordinates Sheet 1 of

Logged by E.A. Collar El.

Depth	Est M,S	Str.	Lith + Min.	DESCRIPTION
				Qal (?) containing mostly qtz. lotite
20				10' - 170' Very soft, altered, bleached rhyolite.
40				
60				
80				
100				100' - 105' no sample.
120				120' - 135' iron stained.
140				
160				
180				170' - 180' Very altered rhyolite. Heavily iron stained with abndt. limonite after pyrite.
200				180' - 200' Very altered, soft, serpentinized (?) rhyolite (?) with abundant smokey quartz. Abndt. pyrite with gold (?).

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
					200.0				

Rotary Drill Hole to 291'

Logged by EA. Drill Hole No. L99 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
210				
220				200'-255' Altered bleached qtz. xl. tuff
230				
240				
250				
260				255'-270' Altered rhyolite. Wkly. calcareous. Fault zone?
270				
280				270'-290' Very soft. Fault? Contaminated Samples
290				Rotary cuttings
300				290-320 Altered, epidotized monzonite. Calcareous. Some pyrite.
310				
320				
330				F
340				
350				320-455 Calcareous skarn with increasing pyrite with depth. 340-360 strong clay alteration in fault (?) zone.
360				
370				
380				
390				
400				

Rotary continued

Rotary Hole Deepened to 455'

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation Zoo	Crude Fe	Crude S	Crude Cu	Crude P
					230.0				
					260.0				
					290.0				
					320.0				
					360.0				

Logged by EA · Drill Hole No. L44 · Collar El. 4

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
410				Skarn with abndt. pyrite.
420				
430				
440				430 - 450 Clay alteration - fault?
450				
460				EPIDOTE+ - ACTINOLITE - TREMOLITE - CALCITE SKARN. WK. DISS. PYRITE.
				CONTACT - BROKEN - NOT SEEN - PROBABLY ± GRADATIONAL OVER ±4"? BROKEN, VARIABLY EPIDOTIZED &/OR ACTINOLITE - TREMOLITE ALTERED MEDIUM GRAINED MONZONITE WITH CHLORITE - ALTERED HORNBLENDE. DISS. PYRITE. SCATTERED SPHENE.
470				VERY FINE GRAINED TREMOLITE - ACTINOLITE ROCK. DISS. PYRITE. FEW SPECKS OF NATIVE COPPER NOTED ON ONE FRACTURE.
480				
490				CONTINUED VARIABLY EPIDOTE - ACTINOLITE - TREMOLITE ALTERED MONZONITE.? DISS. PYRITE. MINOR CHALCOPYRITE.
500				CONTINUED FRACTURED.
510				EPIDOTE ALTERATION AT 30°
520				
530				BROKEN TREMOLITE - ACTINOLITE - EPIDOTE - ROCK WITH DISS. PYRITE. (POSSIBLY ALTERED MONZONITE.)
540				HARD, DENSE, V. FINE-GRAINED, LIGHT GREY ROCK COMPOSED OF APHANITIC TRANSLUCENT "GROUNDMASS" WITH DISS. VERY FINE LIGHT TAN OR PINK 'SPOTS'. DISS. PYRITE. SOME BANDING AT 20°. LOCAL ACTINOLITE - TREMOLITE - EPIDOTE ALTERATION.
550		C%bM - 1%		FRACTURED. TREMOLITE - ACTINOLITE - EPIDOTE SKARN WITH DISSEMINATED PYRITE - SOME CALCITE ALTERATION.
560				SOME SPHENE
				FRACTURED, LIGHT GRAY, RELATIVELY FRESH MONZONITE WITH CHLORITE AFTER HORNBLENDE. DISS. PYRITE.
570				STEEP IRREGULAR, VERY SHARP CONTACT. EPIDOTE ALTERATION OF THE MONZONITE ADJACENT TO CONTACT.
580				TREMOLITE - ACTINOLITE - EPIDOTE ALTERED HYBRID ROCK WITH ACTINOLITE "MEGACRYSTS". SOME TRANSLUCENT PORPHYRY TEXTURE REMAINING. DISS. PYRITE.
				ZONE OF FINE-GRAINED TREMOLITE - ACTINOLITE ALTERATION PROBABLY OF HYBRID ROCK. (COULD BE ANDESITE DIKE)
590				CONTACT BROKEN - NOT SEEN.
				IRREGULARLY EPIDOTE - TREMOLITE - ACTINOLITE - CALCITE ALTERED MONZONITE? WEAK DISS. PYRITE & CHALCOPYRITE. ACCESSORY SPHENE. BROKEN. LOCALLY HARD, CHERTY

← Rotary cuttings

Rotary to 455'

NXWL

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
456.0	6.3	1	5.3	84
	6.7	1	6.7	100
	3.0	1	2.7	90
	2.8	1	2.8	100
	2.5	1	1.8	72
481.0	3.7	1	3.7	100
	3.9	1	3.5	90
	3.6	1	3.6	100
	7.6	1	6.4	84
	3.2	1	3.2	100
	5.8	1	5.5	94
	1.8	1	1.1	61
506.8	6.0	1	5.6	93
	4.9	1	3.8	78
	5.1	1	5.1	100
	2.5	1	2.3	92
	2.0	1	1.6	80
	3.0	1	3.0	100
530.3	6.7	1	6.7	100
	3.0	1	2.2	73
	2.6	1	2.3	88
	1.0	1	0.7	70
	8.4	1	7.2	86
552.0	3.0	1	3.0	100
	4.2	1	3.7	88
	3.3	1	2.8	85
	1.0	1	0.8	80
	2.5	1	2.0	80
	1.1	1	0.4	36
	2.4	1	2.4	100
571.8	2.3	1	2.1	91
	2.2	1	2.2	100
	2.9	1	2.5	86
	4.3	1	4.0	93
	2.3	1	1.2	52
	2.5	1	1.5	60
	2.0	1	0.7	35
	1.5	1	1.2	80
	4.5	1	1.5	33
595.0	1.3	1	0.5	38
	2.2	1	1.0	45
	3.4	1	1.9	56

Elevation

4400 · 456.0 · 490.0 · 530.0 · 574.0 · 589.0

Crude: Fe | S | Cu | P

Project: LYON NO. 2 Drill Hole No. L-99 Collar El. ____

Logged by R. SEKLEMIAN

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
610	0%M-3%S			BROKEN, DARK GRAY, VERY FINE GRAINED ROCK COMPOSED OF FELTED TREMOLITE & FEW LARGER SPOTS OF EPIDOTE. ALTERED ANDESITE ? NXWL
				COARSE EPIDOTE - ACTINOLITE - TREMOLITE SKARN WITH SCATTERED SPHENE & BLEBS & DISS. PYRITE. PROBABLY SKARNED MONZONITE..??
				SHADOWY IGNEOUS TEXTURE. RELIC PLAGIOCLASE?? HARD, CHERTY
620				1 LARGE FRESH ORTHOCLASE PHENOCRYST? HARD, CHERTY.
				COARSE EPIDOTE - ACTINOLITE - TREMOLITE - CALCITE SKARN WITH COARSE PYRITE & PROMINENT CHALCOPYRITE. DISS. SPHENE
630	0%M-3%S			
640				
650				
660				STRONGLY BROKEN, FINE TO COARSE ACTINOLITE - TREMOLITE - EPIDOTE SKARN WITH FEW GRAY HARD CHERTY PATCHES. DISS. PYRITE. OCCASSIONAL CHALCOPYRITE. MINOR PYRRHOTITE.
670				LOCAL WEAK DISS. MAGNETITE
				LOCAL WEAK DISS. MAGNETITE
680				
690				WELL BROKEN, ACTINOLITE - TREMOLITE ALTERED. FINE-GRAINED ANDESITE DIKE AT 50°.
				SMALL, HARD, GRAY CHERTY PATCH
				VAGUE "HYBRID ROCK" TEXTURE ? IN ACTINOLITE - TREMOLITE SKARN.
700				LOCAL WEAK DISS MAGNETITE IN EPIDOTE - ACTINOLITE - TREMOLITE - CALCITE SKARN.
710	0%M-1/4%S			CONTACT BROKEN - NOT SEEN.
				BROKEN+, DARK GRAY, "HYBRID ROCK". FUZZY WHITE "GRAINS" IN ACTINOLITE - CHLORITE MATRIX. FEW ACTINOLITE METACRYSTS. WEAK DISS. PYRITE.
720				
730				BADLY BROKEN+.
740				
750				
760				PYRITE & EPIDOTE BANDING AT ± 20°
				BROKEN PIECES OF F.G. ANDESITE DIKE.
770				
				BROKEN CONTACT - FAULT? NO ATTITUDE
				THOROUGHLY BROKEN EPIDOTE - GARNET - ACTINOLITE - CALCITE SKARN WITH WEAK PATCHY DISS. MAGNETITE. DISS. PYRITE.
780				
790				BROKEN TREMOLITE - EPIDOTE ALTERED FINE-GRAINED ANDESITE.
				BROKEN MEDIUM GRAY FAIRLY HARD TREMOLITE - ACTINOLITE "HYBRID ROCK" WITH DISS. PYRITE. SOME FUZZY WHITE "GRAINS".
800				

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
	1.6	1	0.8	50					
	0.8	2	0.5	63					
	1.7	1	0.3	18					
	2.0	1	1.5	75					
609.3	1.3	1	1.1	84					
	1.1	1	1.9	76					
	2.2	1	1.7	78					
	1.3	1	1.3	100					
	2.3	1	0.5	20					
	0.9	1	0.2	40					
	2.5	1	0.2	8					
	2.0	1	0.8	40					
623.8	1.8	1	0.6	33	623.0				
	2.7	1	2.1	78					
	2.6	1	0.5	19					
	1.9	1	1.5	79					
	10.0	1	4.3	43					
	3.8	1	0.6	16					
645.3	0.5	1	0.3	60					
	1.0	1	0.6	60					
	1.2	1	0.7	58					
	2.3	1	0.7	30					
	1.5	1	0.5	33					
	1.2	1	0.7	58					
	1.5	1	0.8	52					
654.5	0.5	1	0.3	60					
	0.5	1	0.3	60					
657.9	0.6	1	0.2	33					
	3.0	1	1.1	37	660.0				
662.5	1.0	1	0.3	30					
	2.0	1	0.9	45					
	1.4	1	0.3	21					
	1.2	1	0.2	17					
	5.4	1	1.3	24					
	1.0	1	0.9	90					
	3.6	1	1.3	36					
678.1	1.0	1	0.4	40					
	1.8	1	1.4	78					
	2.4	1	1.4	58					
	3.2	1	1.6	50					
	4.0	1	1.7	42					
692.1	2.6	1	0.7	27					
	2.2	1	0.8	36					
	3.2	1	1.7	53					
	6.7	1	4.2	63					
	2.8	1	0.4	14					
	2.0	1	0.7	35					
	1.7	1	0.7	41	709.0				
713.5	2.8	1	0.5	18					
	5.6	1	0.8	14					
	1.4	1	0.3	21					
720.5	0.5	1	0.2	40					
	5.2	1	2.4	46					
	0.8	1	0.3	37					
	1.2	1	0.7	58					
	3.8	1	0.8	21					
734.0	2.0	1	0.4	20					
	0.9	1	0.3	33					
	2.4	1	1.2	50					
	1.7	1	0.3	18					
	2.0	1	0.3	15					
743.0	1.0	1	0.2	20					
	0.7	1	0.2	29					
	0.4	1	0.1	25					
	1.0	1	0.2	20					
	0.9	1	0.3	33					
	1.3	1	0.2	15					
	0.9	1	0.2	22					
	0.9	1	0.2	22					
749.5	0.9	1	0.1	11					
	2.2	1	0.1	5	750.0				
	0.4	1	0.2	50					
	1.1	1	0.5	45					
	1.5	1	0.3	20					
	2.0	1	0.3	15					
757.5	1.2	1	0.5	41					
	1.8	1	1.3	72					
	1.7	1	1.0	65					
	0.7	1	0.4	57					
	0.6	1	0.1	17					
	2.0	1	0.6	30					
766.5	1.0	1	0.2	20					
768.0	1.5	1	0.1	7					
	2.0	1	0.2	10					
	0.9	1	0.5	55					
	0.9	1	0.5	55					
773.0	1.9	1	0.4	21	773.0				
	2.0	1	0.4	20					
	2.3	1	0.4	17					
	1.7	1	0.3	18					
	2.0	1	0.8	40					
	3.0	1	0.9	30					
	3.0	1	2.1	70					
	5.0	1	2.4	48					
792.0	1.0	1	0.6	60	792.0				
	2.0	1	0.7	35					
	3.0	1	2.1	70					
	5.0	1	3.9	78					

Logged by R. SEKLEMIAN Drill Hole No. L-99 Coordinates Sheet ___ of ___ Collar El. ___

Depth	Est. M.S	Str.	Lith + Min.	DESCRIPTION
1010	0% M - 2% S			FRACTURED, TREMOLITE-ACTINOLITE-PHLOGOPITE "HYBRID ROCK" WITH VEINLETS & DISS. PYRITE. CALCITE VEINLETS. NXWL
1020				BROKEN F.G. ANDESITE. NO ATTITUDE.
1030	10% M - 25% S			±1" BAND OF MAGNETITE, PYRITE & MINOR CHALCOPYRITE.
				THOROUGHLY BROKEN, RUBBLY. POOR CORE RECOVERY. MAGNETITE STOCKWORKS IN TREMOLITE-ACTINOLITE-CHLORITE SKARN.
1040				
1050	30% M - 80% S			DISS. MAGNETITE & PYRITE IN TREMOLITE-ACTINOLITE-CHLORITE-EPIDOTE SKARN. CALCITE LACEWORK. MINOR CHALCOPYRITE.
1060	10% M - 40% S			TREMOLITE-ACTINOLITE-EPIDOTE-CHLORITE SKARN. DISS. PYRITE & MINOR PYRRHOTITE.
				FRIABLE - PARTLY SERPENTINE ALTERED.
1070	25-50% S			IRREGULARLY DISSEMINATED MAGNETITE & PYRITE IN TREMOLITE-EPIDOTE-CHLORITE SKARN. CALCITE LACEWORK.
	0-½% M			BROKEN MIXTURES OF CALCITE & SERPENTINE.
1080				BROKEN+ EPIDOTE-TREMOLITE-CALCITE-GARNET SKARN WITH WEAK DISS. PYRITE, CHALCOPYRITE=.
1090				
1100				BROKEN CONTACT - NO ATTITUDE BROKEN+ WEAKLY EPIDOTE-GARNET-TREMOLITE SKARNED SILICEOUS ZONE. LOCAL HARD PATCHES. DISS. PYRITE.
1110	0-5% S			BROKEN CONTACT - NO ATTITUDE. FRACTURED EPIDOTE-TREMOLITE-CHLORITE" CALCITE SKARN. WEAK DISS. PYRITE. CALCITE. VEINLETS.
				BROKEN LIGHT GRAY SILICEOUS ZONE. EPIDOTE-GARNET SKARN WITH HARD GRAY PATCHES & AREAS. DISS. PYRITE.
1120				BROKEN EPIDOTE-TREMOLITE SKARN WITH DISS. PYRITE.
1130				CHLORITE ALTERED MED. G. MONZONITE PORPHYRY. VEINLETS & DISS. PYRITE. ALTERED F.G. ANDESITE DIKE.
1140				HARD BROWN-GRAY CHERTY BAND. DISS. PYRITE. AT 20° CHLORITE ALTERED MONZONITE. CONTACT AT 20° HARD GRAY TREMOLITE-PHLOGOPITE ALTERED SILICEOUS TO CHERTY ROCK. FINELY DISS. PYRITE. FEW THIN VEINLETS.
1150				LOCAL BANDING AT 25°
				BROKEN LOCAL PHLOGOPITE. BANDING AT 35°
1160				
1170				BANDING AT 30°
1180				
1190				
1200				LOCAL SILICEOUS EPIDOTE-GARNET SKARN.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
1001.3									
	2.4	1	2.4	100					
	2.3	1	2.3	100					
	3.0	1	1.9	63					
	4.0	1	2.9	73					
	7.0	1	3.5	50					
	5.0	1	1.3	26					
1025.0	2.0	1	2.0	100	1026.0				
	3.0	1	1.5	50					
1032.0	2.0	1	1.1	56					
	4.0	1	1.1	28					
	8.0	1	0.9	12					
					1043.0				
	10.0	1	9.5	95					
	3.0	1	3.0	100					
1057.0	1.0	1	0.3	30	1058.0				
	7.0	1	4.1	59					
	3.5	1	1.8	51	1068.0				
	6.5	1	2.7	42					
					1075.0				
	7.5	1	1.9	25					
	2.8	1	0.7	28					
1085.0									
	10.0	1	1.9	19					
	4.0	1	0.8	20					
	1.0	1	0.6	60					
	5.0	1	0.7	14					
	2.0	1	1.6	80					
	5.0	1	4.6	92					
1112.0									
	5.0	1	4.6	92					
	4.0	1	4.0	100					
	6.0	1	4.2	70					
	7.0	1	7.0	100	1128.0				
1134.0									
	4.7	1	3.5	75					
	1.7	1	1.7	100					
	6.1	1	6.1	100					
	5.5	1	5.3	96					
	4.2	1	4.2	100					
	2.5	1	2.5	100					
	3.3	1	3.3	100					
	3.2	1	2.5	78					
	2.2	1	2.2	100					
1167.4	2.6	1	2.6	100					
					1170.0				
	5.0	1	5.0	100					
	7.0	1	7.0	100					
	2.0	1	2.0	100					
	3.0	1	9.0	100					
1189.0	2.0	1	2.0	100					
	5.0	1	5.0	100					
	4.0	1	3.4	85					
	3.0	1	2.6	87					

Logged by R. SEKLEMIAN Drill Hole No. 1-99 Collar El. ____

Depth	Est. M.S	Str.	Lith + Min	DESCRIPTION
1210	0-3			CONTINUED FRACTURED, HARD, LIGHT GRAY & WHITE MOTTLED, DENSE CHERTY ROCK. LOCAL MINOR EPIDOTE & TREMOLITE. DISS. PYRITE & VERY MINOR CHALCOPYRITE. NXWL 1210.2' HOLE BOTTOMED 2-19-64

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.
	2.0	1	1.8	90
	4.0	1	4.0	100
1207.0	3.2	1	2.9	91
1210.2				

Elevation: 1210.0

Crude				
Fe	S	Cu		

Project: LYON NEV. Drill Hole No. L100 Coordinates Sheet 1 of

Logged by E.A. NE OF LINE A. Collar El.

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
				0'-240' Altered, bleached(?) rhyolite. Very soft.

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
		188		Poor		3	9		

Rotary Hole to 457'

Pumpkin Hollow

Logged by EA. Drill Hole No. L100 Collar El.

Depth	Est. M.S.	Str.	Lith + Min.	DESCRIPTION
220				0' - 240' Light buff to white, altered, bleached (?) rhyolite.
240				240' - 260' Light gray, altered rhyolite. Some clay alteration - fault zone?
260				260' - 375' Altered, wkly. iron stained, buff rhyolite. Very soft.
280				
300				
320				
340				
360				
380				375' - 415' Light gray, heavily altered rhyolite. Strong clay alteration. Strong fault zone. Some very fine wkly. dissem. pyrite.

Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude F
					375				
					415				

Project: LYON NEV. Drill Hole No. L100 Coordinates Sheet 3 of ___

Logged by EA Collar El. ___

Depth	Est M.S	Str.	Lith + Min	DESCRIPTION
410				
420				415'-425' Contaminated zone. Calcareous. Drag zone.
430				Epidote skarn with abndt. pyrite. Very calcareous.
440				
450				
460	0-8			FRACTURED TREMOLITE-CALCITE-EPIDOTE-GARNET SKARN. DISS. PYRITE. CRUDE BANDING AT 50°
470	0%M-1%S			CRUDE BANDING AT 45°
480				BROKEN, LIGHT GRAY MONZONITE PORPHYRY. ? VAGUE TEXTURE. WK. DISS. PYRITE.
				HARD GARNET-EPIDOTE-CHLORITE SKARN WITH PODS & DISS. PYRITE, CHALCOPYRITE & PYRRHOTITE.
				EPIDOTE-GARNET-TREMOLITE-CALCITE SKARN.
				CHLORITE-ALTERED & EPIDOTE ALTERED MONZONITE.
490	0%M-½%S			FRACTURED EPIDOTE-TREMOLITE-CALCITE MINOR GARNET SKARN. WK. DISS. PYRITE. FEW CALCITE VEINLETS.
				EPIDOTE-TREMOLITE SKARN WITH SILICEOUS BANDS AT 40°
500				FRACTURED MONZONITE PORPHYRY. CHLORITE ALTERED HORNBLENDE. VAGUE TEXTURE. WK. DISS. PYRITE.
				FRACTURED EPIDOTE-TREMOLITE-CALCITE SKARN. WK. PYRITE.
				BROKEN F.G. ANDESITE - NO ATTITUDE.
510				CHLORITE ALTERED MONZONITE PORPHYRY. DISS. PYRITE. VERY MINOR CHALCOPYRITE.
				½" QTZ VEIN AT 30°
				LOCAL GARNET
520				EPIDOTE-TREMOLITE-CALCITE SKARN. DISS. PYRITE
				CHLORITE & WEAKLY EPIDOTE ALTERED MONZONITE. VAGUE TEXTURE. DISS PYRITE.
530				FRACTURED HARD, FINE GRAINED, EPIDOTE-TREMOLITE-GARNET SKARN. WK. DISS. PYRITE.
				FRACTURED WEAKLY CHLORITE & EPIDOTE ALTERED MONZONITE PORPHYRY WITH DISS. PYRITE.
540				BAND OF EPIDOTE-TREMOLITE-CALCITE SKARN. DISS. PYRITE.
				FRACTURED, CHLORITE & WEAKLY EPIDOTE ALTERED MONZONITE PORPHYRY WITH DISS. PYRITE & V. MINOR CHALCOPYRITE.
550				HARD DENSE GARNET-EPIDOTE-TREMOLITE SKARN. DISS. PYRITE & FEW SPECKS CHALCOPYRITE.
	0%M-2%S			LOCAL BANDING AT 5°-10°. LOCAL MINOR DARK BROWN GARNET.
560				1' BROKEN MONZONITE PORPHYRY WITH SOMEWHAT SHADOWY TEXTURE. FRACTURED GARNET-EPIDOTE-TREMOLITE SKARN. DISS. PYRITE & CHALCOPYRITE =
570				6" DARK GRAY, DENSE HARD, TURBULENTLY FLOW BANDED APHANITIC ANDESITE ?
				BAND OF CHLORITIZED MONZONITE PORPHYRY. DISS. PYRITE.
				HARD DENSE FINE-GRAINED EPIDOTE TREMOLITE SKARN. DISS. PYRITE & CHALCOPYRITE =
580				VAGUE TEXTURED MONZONITE PORPHYRY. DISS. PYRITE.
				FRACTURED EPIDOTE-TREMOLITE SKARN. DISS. PYRITE.
				6" HARD DARK GRAY F.G. ANDESITE DIKE. BROKEN.
590				
600				BROKEN MONZONITE PORPHYRY W. DISS. PYRITE. DARK GRAY FINE-GRAINED ANDESITE DIKE.

← NX WL. ← Rotary Cuttings

Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
425.0					425.0				
457.0					457.0				
	3.0	1	3.0	100					
	7.0	1	6.5	93					
467.0									
	8.0	1	8.0	100					
	2.0	1	2.0	100	477.0				
	2.0	1	2.0	100	481.0				
	6.0	1	5.4	90					
	1.0	1	1.0	100					
	2.0	1	2.0	100					
	4.0	1	3.2	80					
	1.0	1	1.0	100					
	2.0	1	2.0	100					
	1.0	1	1.0	100					
498.0	8.0	1	1.5	75					
	1.6	1	1.6	100					
	3.4	1	3.4	100					
	1.0	1	1.0	100					
	1.6	1	0.4	25					
	2.4	1	1.3	54					
	1.4	1	0.8	57					
511.0	1.6	1	1.0	69					
	2.5	1	2.3	92					
	4.3	1	4.3	100					
	3.9	1	3.9	100					
	3.8	1	3.8	100					
	2.6	1	2.2	84					
	1.0	1	1.0	100					
	4.4	1	4.4	100	530.0				
	3.5	1	3.5	100					
	3.0	1	3.0	100					
540.0									
	3.0	1	3.0	100					
	2.0	1	2.0	100					
	2.0	1	2.0	100					
	4.0	1	2.5	63					
	3.0	1	2.7	90					
	3.0	1	2.1	70					
	1.0	1	1.0	100					
	5.0	1	5.0	100					
	2.0	1	1.8	90					
	3.0	1	2.7	90					
569.0	1.0	1	1.0	100					
	4.0	1	4.0	100					
	7.0	1	6.4	91					
	3.0	1	3.0	100	580.0				
	2.0	1	1.7	85					
	6.0	1	6.0	100					
	7.0	1	6.6	94					
598.0									

Project: LYON NEV. Drill Hole No. L-100 Coordinates Sheet 4 of ____

Logged by R. SEKLEMIAN ____ Collar El. ____

Depth	ESLMS	Str.	Lith + Min.	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				FRACTURED MONZONITE PORPHYRY WITH ORIGINAL HORNBLENDE ALTERED TO CHLORITE. WK SPOTTY EPIDOTE VEINLETS & DISS. PYRITE. NWL		4.8	1	4.8	100					
						1.0	1	1.0	100					
610				IRREGULARLY PATCH OF GARNET-EPIDOTE-ACTINOLITE SKARN. DISS. PYRITE.		6.0	1	6.0	100					
						4.0	1	4.0	100					
						2.0	1	2.0	100					
620					621.0	2.0	1	2.0	100					
						3.0	1	2.8	93					
						1.0	1	1.0	100					
						2.0	1	2.0	100					
						1.0	1	1.0	100					
630				BROKEN CONTACT NORTHERN.		3.0	1	1.7	57					
				FRACTURED TO BROKEN EPIDOTE-GARNET-TREMOLITE-CALCITE SKARN WITH DISS PYRITE & V. MINOR CHALCOPYRITE.		3.0	1	3.0	100	632.0				
						3.0	1	3.0	100					
640						4.0	1	2.9	72					
						3.0	1	3.0	100					
					644.0									
						7.0	1	4.8	69					
650				BROKEN PIECES OF F.G. ANDESITE.	651.0									
				BROKEN, PARTLY SKARNED MONZONITE PORPHYRY. DISS PYRITE & CHALCOPYRITE= MINOR DISS. MOLYBDENITE=.		1.4	1	0.4	29					
						0.4	1	0.4	100					
						1.5	1	1.5	100					
				BROKEN HARD EPIDOTE-GARNET-TREMOLITE-CHLORITE SKARN DISS. PYRITE & CHALCOPYRITE=.		2.0	1	2.0	100					
660						5.0	1	3.0	60					
				BROKEN MONZONITE PORPHYRY.										
				BROKEN EPIDOTE-GARNET-TREMOLITE SKARN	664.0	2.0	1	1.2	60					
						2.0	1	2.0	100					
				BROKEN PARTLY SKARNED SHADOWY TEXTURED MONZONITE-PORPHYRY. DISS. PYRITE & MINOR CHALCOPYRITE=. FEW SPECKS MOLYBDENITE.		1.5	1	1.1	73					
670						1.6	1	1.2	75					
						0.3	1	0.2	67					
						3.6	1	2.6	72					
						1.3	1	1.3	100					
						1.7	1	1.3	77	675.0				
				FRACTURED EPIDOTE-GARNET-TREMOLITE SKARN. DISS. PYRITE & V. MINOR CHALCOPYRITE. WK. CALCITE STOCKWORKS.		5.5	1	5.5	100					
680														
						10.0	1	10.0	100					
690														
				SHARP INTRUSIVE CONTACT AT 45°										
				DARK GRAY F.G. ANDESITE DIKE.		10.0	1	10.0	100					
				SHARP INTRUSIVE CONTACT AT 55°										
700				GARNET-EPIDOTE-TREMOLITE SKARN. DISS. PYRITE. CALCITE STOCKWORKS										
				BROKEN F.G. ANDESITE DIKE WITH SHARP INTRUSIVE CONTACTS.	704.0	2.5	1	2.5	100					
						3.2	1	3.2	100					
				FRACTURED EPIDOTE-TREMOLITE SKARN WITH SOME HARD SILICEOUS PATCHES. DISS. PYRITE.		3.3	1	3.3	100					
710														
						10.0	1	10.0	100					
				4" F.G. ANDESITE AT 50°										
720				1' F.G. ANDESITE FRAGMENTS CEMENTED BY POST-DIKE CALCITE.						720.0				
				EPIDOTE-GARNET-TREMOLITE SKARN. CALCITE STOCKWORKS. DISS. PYRITE		9.2	1	8.8	96					
					729.1									
730				WEAKLY FRACTURED, CHLORITIZED MONZONITE PORPHYRY. DISSEMINATIONS & FEW VEINLETS OF PYRITE.		7.6	1	7.6	100					
740				EPIDOTE-TREMOLITE SKARN. DISS. PYRITE.		5.7	1	5.7	100					
				CHLORITIZED & WK. EPIDOTE ALTERED SHADOWY TEXTURED MONZONITE PORPHYRY. DISS. PYRITE.		10.0	1	10.0	100					
750				EPIDOTE-TREMOLITE-CHLORITE SKARN. WK DISS PYRITE. VAGUE BANDING AT 30°										
						1.0	1	1.0	100					
				CHLORITIZED SHADOWY TEXTURED MONZONITE PORPHYRY. MINOR EPIDOTE & DISS. PYRITE.										
						9.0	1	9.0	100					
760				EPIDOTE-TREMOLITE SKARN. WK. DISS. PYRITE. FEW THIN CALCITE VEINLETS.										
										765.0				
				FEW LOCAL 1/8"-1/4" CRYSTALS OF DK. BROWN GARNET.		10.0	1	10.0	100					
770				LOCAL MINERAL BANDING AT 60°										
				FRACTURED EPIDOTE-GARNET-TREMOLITE-CALCITE SKARN. WITH FEW SMALL SILICEOUS PATCHES. DISS. PYRITE. WK. CALCITE STOCKWORKS. FEW SPECKS CHALCOPYRITE.		8.0	1	7.2	90					
780														
						10.0	1	10.0	100					
790					791.0									
						5.0	1	5.0	100					
				2" WK. DISS. MAGNETITE.										
						1.0	1	4.9	70	800.0				
800														

Project: LYON NEV. Drill Hole No. L-100 Coordinates Sheet 2 of ___

Logged by R. SEKLEMIAN ___ Collar El. ___

Depth	ESLM,S	Str.	Lith + Min	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				NXWL										
				FEW SILICEOUS PATCHES.										
				FRACTURED EPIDOTE - GARNET - TREMOLITE - CALCITE SKARN. DISS. PYRITE OCCASSIONAL SPECK CHALCOPYRITE.		9.0	1	7.6	85					
810						10.0	1	9.5	95					
820														
830						10.0	1	9.4	94					
	0% M - 1% S			WELL BROKEN CHLORITIZED SHADOWY TEXTURED MONZONITE PORPHYRY WITH DISS PYRITE & PROMINENT CHALCOPYRITE NEAR CONTACT.		6.0	1	3.5	58	834.0				
840						4.0	1	1.4	35					
					842.0	2.0	1	0.2	10					
				EPIDOTE - GARNET - TREMOLITE - CALCITE SKARN. DISS. PYRITE. WK. CALCITE STOCKWORKS.		7.0	1	6.1	87					
850						8.0	1	8.0	100					
860	0% M - 2% S					10.0	1	10.0	100					
870				BROKEN F.G. ANDESITE DIKE. (POST SKARN)										
				EPIDOTE - CALCITE - TREMOUTE SKARN WK. CALCITE STOCKWORKS. DISS. PYRITE. (POSSIBLY MINOR SCAPOLITE)?		11.0	1	9.5	87					
880					880.0					880.0				
				BROKEN F.G. ANDESITE DIKE.		5.0	1	4.7	94					
890						10.0	1	9.2	92					
900						9.0	1	9.0	100					
				MINOR SCAPOLITE		5.0	1	3.8	76					
910				WELL BROKEN F.G. ANDESITE DIKE		5.0	1	5.0	100					
920						9.0	1	9.0	100					
				1" CALCITE WITH THIN SERPENTINE BORDERS.						925.0				
				WEAKLY BROKEN ZONE OF EPIDOTE - CHLORITE - MINOR SCAPOLITE SKARN WITH WK CALCITE VEINLETS & DISS PYRITE.		10.0	1	9.3	93					
930				EPIDOTE - GARNET - MINOR SCAPOLITE(?) - TREMOLITE SKARN WITH DISS PYRITE.										
						10.0	1	10.0	100					
940				ZONE OF LIGHT BROWN GARNET - & EPIDOTE SKARN	943.0									
				LOCAL VAGUE MINERAL BANDING AT 25°		9.6	1	9.6	100					
950				EPIDOTE - TREMOLITE - SCAPOLITE SKARN SCAPOLITE IS VERY PALE GRAY-GREEN SUB VITREOUS, GRANULAR TO SUB-FIBROUS. IT IS INTERGROWN WITH EPIDOTE. WK. DISS PYRITE. (										
						10.0	1	10.0	100					
960						1.4	1	1.4	100					
						9.0	1	8.5	94					
970				ZONE OF INCREASED DISS. PYRITE COMPELY BANDED AT 20° IN EPIDOTE SKARN						970.0				
						10.0	1	10.0	100					
980				WEAKLY SKARNED SILICEOUS ZONE WITH WK. DISS PYRITE. V. WK. CHALCOPYRITE										
				LOCAL BANDING AT 25°		7.0	1	6.6	94					
990				EPIDOTE - MINOR DOLOMITE(?) SKARN WK. PYRITE										
					993.0	3.0	1	3.0	100					
1000				SKARN COMPOSED OF EPIDOTE INTERGROWN WITH SOFT PALE GREEN WEAKLY CALCAREOUS DOLOMITE ? WK. DISS PYRITE		10.0	1	9.0	90					

Project: LYON NEV. Drill Hole No. L-100 Coordinates Sheet ___ of ___

Logged by R. SEKLEMIAN Collar El. ___

Depth	Est. M.S	Str.	Lith + Min	DESCRIPTION	Depth	Len. of Runs	No. of Runs	Ft. of Core	% Core Rec.	Elevation	Crude Fe	Crude S	Crude Cu	Crude P
				EPIDOTE - MINOR DOLOMITE ? SKARN. WK. DISS PYRITE. NXWL										
						3.0	1	3.0	100					
				THOROUGHLY BROKEN FRAGMENTS OF F.G. ANDESITE.		3.0	1	1.9	63					
1010				BROKEN FRAGMENTS OF EPIDOTE SKARN	1010.0	1.0	1	0.7	64					
				BROKEN FRAGMENTS OF MONZONITE PORPHYRY		3.6	1	2.0	56					
				BROKEN FR		1.6	1	1.4	87	1015.0				
				WEAKLY FRACTURED EPIDOTE - CALCITE SKARN. WK. DISS. PYRITE. WK. CALCITE STOCKWORKS										
1020						9.8	1	9.3	95					
						5.7	1	5.7	100					
1030	0% M - 1% S					7.3	1	6.9	95					
1040						7.0	1	7.0	100					
				SOME LT. GREEN DOLOMITE INTERGROWN WITH EPIDOTE. LOCAL GARNET. OCCASSIONAL SPECK CHALCOPYRITE.										
1050						9.0	1	9.0	100					
	0% M - 3% S			MASSIVE EPIDOTE - DOLOMITE SKARN. DISS. PYRITE.										
1060						10.0	1	10.0	100	1060.0				
					1064.0									
				6" SPOTTED CHERT AT 25°		10.2	1	10.2	100					
1070														
				FRACTURED LIGHT & MED GRAY MOTTLED SPOTTED CHERT. LOCAL EPIDOTE & CHLORITE. DISS. PYRITE.										
1080						7.7	1	7.7	100					
						4.5	1	4.5	100					
				1086.4. HOLE BOTTOMED 2-28-64	1086.4					1086.0				
1090														
1100														
1110														
1120														
1130														
1140														
1150														
1160														
1170														
1180														
1190														
1200														