DIAMOND D ILL RECORD

842036

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected
740'		-71°
1040'		-71°

Hole No. 8201 Sheet No. 1 of 14 Lat.
Section Dep.
Date Begun Drilling began Sept.12/82 (setting up began Sept. 8/82) Bearing Collar: 279°, -70°
Date Finished Sept.19 1982 Elev. Collar 1850 m

Total Depth 1040 (317 m)
Logged By R.Bruaset, Terry Le
Claim CATARACT #4
Core Size BQ

Conversion Factor 1 foot = 0.305 m Only water circulation used

DEPTH	DESCRIPTION	(1) Veins	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) %/Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam,C.A
	EXPLANATIONS	N.D.	10	8-20		1	20,30°	20,30°
	Column (1): Number of quartz veins in samples		10	20-30		3	5,20°	5,20°
	intervals.N.D. = not determined.		7.5	30-40		0	-	25,30°
	Column (2),(3),(4) self explanatory.		10	40-50		1	25°	25,30°
	Column (5) Number of mineralized structures in		9	50-60		2	20°	25,30°
	sample interval (M.S.). To qualify under this		10	60-70		3	10,30°	15,30,5
	heading, a structure must contain primary copper		10	70-80		4	5,20°	20,25°
	minerals, and/or molybdenite.		10	80-90		4	10,25°	30°
			10	90-100		1	20°	25°
	Structures containing pyrite alone do		10	100-110		1	20°	N.D.
	not qualify. M.S. usually contain pyrite to-		10	110-120		4	5,10°	15,20°
	gether with one or more of chalcopyrite and		10	120-130		4	10,15,20°	15,30°
	molybdenite. The width of the mineralized		10	130-140		3	30°	20°
	structure is irrelevant for M.S. (may range from		8.5	140-150		2	10,30°	35,45°
	hairline fractures to quartz vein a few cm wide).		10	150-160		0	-	15,45°
	Column (6): Core angle(s) of mineralized struc-		10	160-170		2	30°	25,30°
	tures. The order on which the angles are listed		10	170-180		0	-	25,30°
	do not suggest any dominant core angle.		10	180-190		0	-	30,35°
	Column (7): Core angle of pyrite seams. To		10	190-200		0	-	30,35°
	qualify, a pyritic structure must be more or		10	200-210		3	25,30°	25,30°
	less solid pyrite.		10	210-220		2	20,25°	20,25°

DIAMOND D''LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 3 of 14 Lot. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collor Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
8 - 116' (Cont'd)	have several strikes although strikes may not vary						
	much. A tendency towards "sheeting" is apparent.						
	23' Several quartz-pyrite-molybdenite veinlets cut						
	pyrite seams.						
	59.5-116' Contact zone. Breccias and dykes of medium						
	grained granitic rock.						
	Alteration:						
	Chloritization of mafics and argillic alteration of						
	plagioclase. Quartz veins.						
	Mineralization:						
	Molybdenite and chalcopyrite typically with pyrite						
	occur in vuggy quartz veins that cut pyrite seams.						
	Sheeting of sulphide bearing fractures apparent.						
	73', 102' Minor native copper in fractures.						
	92', 103' Minor secondary enrichment. Chalcocite						
	coats or replaces chalcopyrite preferentially to						
	pyrite.						
	94' Trace malachite on fracture.						
116 - 127'	Fine to medium grained quartz monzonite. The alteration						
	is mainly in the term of chlorite after biotite.						
	Molybdenite with or without chalcopyrite occurs in						

DIAMOND D ILL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 4 of 14 Lot. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
1'' - 127'(Cont'd)	fractures with pyrite. Minor disseminated						
	molybdenite and chalcopyrite.						
	118' Quartz vein containing minor molybdenite cuts						
	pyrite seam.						
	125' Chalcocite after chalcopyrite in vuggy quartz						
	vein.						
127 - 150'	Medium grained biotite-rich quartz monzonite. This						
	section less pyritic than the sections above						
	and below and also is less mineralized with						
	molybdenite. The lower contact at 20° is somewhat						
	obscured by alteration.						
	140' Heavy chalcopyrite in fracture at 15°.						
150 - 207'	Aplitic intrusive. Highly sericitized and pyritized						
	at 8-10% pyrite. Traces of molybdenite. The						
	pyrite occurs mainly as seams but disseminations						
	between seam also present. No pink K-spar noted						
	along fractures of unstained specimens. The dominant						
	alteration appears to be a pervasive sericitization.						
	Moderate argillic alteration noted.						
207 - 815'	Medium grained quartz monzonite containing biotite.						
	Weak porphyritic texture shown by 2-3 mm quartz						
	phenocrysts.						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 5 of 14 Lot Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
207-815' (Cont'd)	Alteration:						
	Argillic alteration is generally weakly developed,						
	with plagioclase generally hard to the knife, more						
	intense argillic alteration is typical near veins and						
	other sulphide bearing structures especially where these						
	are concentrated.						
	Potassic alteration in the term of pink K-spar is not						
	noted. However, etching and staining of slabbed						
	core reveals abundant K-spar as vein selvages or						
	envelopes relative to sulphide bearing structures.						
	K-spar megaphenocrysts are absent but secondary						
	biotite is locally present.						
	Chloritization. Biotite is commonly altered to chlorite.						
	Chloritic fractures are becoming more numerous with						
	depth. Such chloritic fractures often contain pyrite.						
	Sericitization. Sericite found on fractures, in						
	vuggy quartz veins and as alteration envelopes several						
	cm wide relative to sulphide bearing veins and						
	fractures including pyritic seams.						
	Silicification. Expressed by quartz veins and quartz						
	lined fractures. Veins are frequently vuggy.						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 6 of 14 Lot Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
207-815' (Cont'd)	Locally, it is apparent that quartz phenocrysts have grown in place perhaps by the addition of silica such as during sericitization of K-spar to form silica and sericite in alteration envelopes.						
	Mineralization:						
	Chalcopyrite is commonly found in vuggy quartz veins associated with pyrite and/or molybdenite. Pyritic seams are becoming fewer and thinner with depth so that by about 400' few seams are present. At deeper levels, pyrite occurs more commonly as open space filling in quartz veins. The pyrite content from 207' to 454' is estimated at 4-5%. Molybdenite occurs mainly as fine fracture fillings within quartz veins and as vug fillings with other sulphides such as pyrite and chalcopyrite commonly and sphalerite rarely. Cross cutting relationships show that pyritic seams (with or without molybdenite) are cut by molybdenite bearing quartz veins indicating two periods of molybdenum mineralization. Long unbroken pieces of core indicate sulphide bearing structures have several strikes although the core angles are generally similar.						

DIAMOND D''LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 7 of 14 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
207-815' (Cont'd)	207-210', 217-232' Inclusions of fine grained mafic lithology, possibly volcanics.						
	252' Heavy molybdenite in quartz vein at 15° cuts pyritic seams.						
	277.5' A quartz vein 1 cm wide containing traces of molybdenite and chalcopyrite and heavy pyrite cuts several pyrite seams.						
	283' Quartz vein containing pyrite cuts a pyrite seam. No chalcopyrite or molybdenite noted in either.						
	407-454' Biotite less intensely chloritized than higher in the section. Argillic alteration continues weak. Also fewer quartz veins than normal. Pyrite content about 2%. Few pyritic seams.						
	444' Pyrite seam cut by vuggy quartz vein also containing pyrite.						
	460' A 0.5 cm wide quartz "eye" has developed across a pyritic seam. It is apparent that the quartz "eye" developed after the pyrite seam. This may be a weak expression of a form of silicification noted						

DIAMOND D[illegible]LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 8 of 14 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1) N.D.	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam C.
?[illegible]-815' (Cont'd)	in some stockwork molybdenum deposits where		9.5	220-230		0	-	20,30,3
	"irregular quartz eye porphyry" is found.		10	230-240		4	10,20,25°	15,30,3
	469.5, 471.5' Minor chalcocite after		10	240-250		1	25°	25,30,4
	chalcopyrite. Selective replacement of		10	250-260		3	10,20°	20,35°
	chalcopyrite over pyrite is indicated.		10	260-270		6	20,30°	20,25,3
	471-489' Abundant quartz veins in this		10	270-280		2	20,25°	25,30°
	interval exhibit crosscutting relation-		10	280-290		1	25°	20,25,3
	ships much in the manner of a typical		10	290-300		1	30°	20,25°
	stockwork. Quartz veins are occasionally		9.5	300-310		5	10,15° 30,35°	20,25,3
	offset along fractures in which other		10	310-320		6	15,25,40°	40°
	quartz veins occur.		10	320-330		6	15,20,30°	25,30°
	480' Typical moly slip of the type noted in		10	330-340		8	5,10° 15,30°	25,30°
	most molybdenum deposits. This moly slip		10	340-350		6	25,35°	25,30,4
	is the first of its kind seen in this hole		10	350-360		6	10,20,35°	25,35°
	suggesting post mineral deformation of		10	360-370		3	20,30°	20,30,3
	these rocks may be minimal.		10	370-380		6	15,20,25°	25°
	480-481.5' Heavy molybdenite laced in quartz-		10	380-390		4	20°	30°
	pyrite vein.		10	390-400		4	5,15,20°	30°
	483' Minor emerald green sericite.		10	400-410		6	0,30,55°	None
	494-500' A few mm of gouge on a single frac-		9.5	410-420		3	10,40°	None
	ture in a section of blocky core believed		10	420-430		2	10,30°	None

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 9 of 14 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1) N.D.	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam C.
207-815' (Cont'd)	by drillers to have been a major fault.		10	430-440		2	20,35°	None
	They had considerable trouble getting the		10	440-450		2	20,25°	20°
	rods through this section. Core angle of		10	450-460		6	20,30°	None
	the sole gougey fracture is 10°. This is		10	460-470		4	15,35,40°	30°
	the first fault in this hole.		10	470-480		5	20,30°	None
	510, 529' Chalcocite after chalcopyrite		10	480-490		10 15	20,40,70°	30°
	exhibit selective replacement of chalco-		7.5	490-500		4	20,30°	None
	pyrite over pyrite.		10	500-510		3	10,20,30°	30°
	533' Pyrite in vuggy quartz vein also has		10	510-520		4	20,25°	30°
	associated brown sphalerite.		9.0	520-530		5	20,35,40°	None
	548-550' Heavy molybdenite associated with		10	530-540		3	20,35°	25,30°
	intense quartz veining and pyrite seam		10	540-550		4	35,40°	30,35°
	development.		10	550-560		6 10	45,50,55°	35°
	578' Weakly mineralized quartz vein cuts		10	560-570		5	30,35,40°	None
	pyritic fracture.		10	570-580		6	30,40°	None
	585' 15 cm wide mafic inclusion.		10	580-590		1	30°	45°
	590' Heavy molybdenite associated with		10	590-600		7 30	35,40,45°	None
	pyrite in vuggy quartz vein.		10	600-610		4	35,40°	"
	605' Barren quartz vein at 80° cuts two		10	610-620		2	35,40°	"
	pyritic quartz veins (see 615')	14	10	620-630		1	30°	"
	615' Barren quartz vein is cut by	13	10	630-640		2	30°	"
	pyritic fracture.							

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 10 of 14 Lot. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1)	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam C.
207-815' (Cont'd)	626' Traces of supergene enrichment with	17	9	640-650		2	30,40°	None
	chalcocite replacing chalcopyrite occurring	34	10	650-660		5	30,35°	"
	in light pink (K-spar?) veinlet. Note,	27	10	660-670		6	35,40°	"
	pink K-spar is rare so far in this hole,	20	10	670-680		9	30,40,45°	"
	although etching and staining indicates	14	10	680-690		6	30°	"
	K-spar selvages are common.	24	10	690-700		3	30°	"
	630-634' Strongly magnetic mafic inclusion.	25	10	700-710		6	30,40°	"
	634-642' Three mafic dykes variously 1-3 cm	17	10	710-720		3	30,40°	"
	in width. Magnetic.	17	10	720-730		2	25,40°	"
	676' Pyrite-sphalerite-molybdenite veinlet.	32	10	730-740		6	35,40°	"
	704' Quartz-pyrite veinlet cuts sericite	14	10	740-750		6	35,40°	"
	alteration. Elsewhere in this hole, it	21	10	750-760		3	15,30,40°	"
	is noted that sericite alteration forms	13	10	760-770		0	None	30°
	envelopes relative to quartz veins.	21	10	770-780		1	45°	None
	705-706' Example of intense argillic altera-	14	10	780-790		1	40°	None
	tion. Plagioclase is clayey white and	11	10	790-800		2	30°	30°
	soft to the finger nail.	5	10	800-810		4	15,20,30,45°	40°
	713,761,770-771, 775-776' Strongly magnetic,	9	10	810-820		1	30°	None
	mafic inclusions	11	10	820-830		6	30,45,60°	40°
	791' Secondary biotite; biotite in vuggy	11	10	830-840		2	40,60°	None
	quartz vein with associated pyrite.	9	10	840-850		0	None	None

DIAMOND D"LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 11 of 14 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar. Core Size

DEPTH	DESCRIPTION	(1) N.D.	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam C.
207-815' (Cont'd)	797.5' Pyrite-sphalerite chalcopyrite fracture	12	10	850-860		1	45°	-
	at 30° well developed sericite alteration	17	10	860-870		0	nil	30°
	envelope.	14	10	870-880		1	30°	-
815 - 1040'	HYBRID. Medium grained intrusive as 207-815' but	8	10	880-890		0	nil	20°
	becoming increasingly enriched in biotite	9	10	890-900		3	30,35°	-
	rich inclusions. This mafic material has been	8	10	900-910		3	25,30°	-
	assimilated extensively in the magma giving	7	10	910-920		4	15,25°	20°
	rise to rock which is probably at least as	7	10	920-930		2	15,50°	-
	basic as quartz diorite, generally. The	4	10	930-940		3	20,25,50°	30°
	assimilated material contains abundant quartz	4	10	940-950		6	30,40°	-
	in the form of "eyes" and other round quartz	9	10	950-960		8 10	30,45,50°	-
	aggregates. The hybrid is generally strongly	8	9	960-970		1	25°	-
	magnetic.	1	10	970-980		3	30,40°	-
	815-1040' Alteration	3	10	980-990		3	30,40,45°	40°
	Sericitization: selvages up to 1 cm wide	9	10	990-1000		2	20°	-
	along pyritic fractures and seams, also	3	10	1000-1010		2	35,40°	30°
	occasionally emerald green sericite.	7	10	1010-1020		2	40°	None
	Sericite bands are locally 4-5 cm wide.	5	10	1020-1030		3	10,35,50°	30°
		2	9.5	1030-1040		0	nil	None
	Silicification: Quartz veins.							
	Chloritization: Disseminated biotite has							

DIAMOND D' LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 12 of 14 Lot. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
815-1040' (Cont'd)	altered to chlorite. Chlorite envelopes						
	occasionally develop peripheral to sericite						
	envelopes.						
	Potassic: Fractures occasionally contain 2-3 mm of						
	felty biotite, e.g. 833, 875.5'. No K-spar						
	enrichment in the form of pink K-spar is noted.						
	Epidote: Traces of epidote noted on fractures						
	together with pyrite.						
	815-1040' Mineralization. Decreasing amounts of						
	molybdenite and pyrite. Molybdenite is scarce						
	but chalcopyrite is increasing slightly. Another						
	change noted is that the pyritic structures which						
	were earlier in the form of seams and highly						
	pyritic quartz veins now give way to hairline						
	fractures with their inherent lower pyrite						
	content.						
	915' Biotite envelope relative to quartz vein.						
	918, 920, 931.5' Secondary biotite in fractures.						
	927-1021' The Hybrid is very mafic.						

DIAMOND D''LL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 13 of 14 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
815-1040' (Cont'd)	931.5' Probable Scuzzy pluton clast in the assimi-						
	lated mafic rock.						
	936' A two cm wide zone of "aplitic" material						
	(diffused contacts) cut a mafic inclusion. This						
	may be an aplitic dykelet now altered.						
	952-960' Relatively heavy chalcopyrite in fractures						
	together with pyrite and occasionally sphalerite						
	(953'). The sulphide mineralization occurs in						
	hairline fractures and as disseminations in						
	sericitic envelopes.						
	956' Heavy chalcopyrite in strong sericitic envelope.						
	984' Wide sericite envelope developed adjacent to						
	2 mm pyrite seam. Very fine grained chalcopyrite						
	disseminated in the sericite envelope which is						
	several cm wide.						
	1011' Heavy molybdenite in quartz vein.						
	1018' Irregular seam of magnetite.						
	1021-1040' The Hybrid is less mafic than above.						
	Abundant sections of granitic rock. About 75% of						
	the biotite in this section is fresh.						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Target) HOLE No. DDH 8201

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8201 Sheet No. 14 of 14 Lat. Total Depth.

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
815-1040' (Cont'd)	1022, 1025' Sericitic borders to pyritic fractures						
	well developed. Sericitic borders are up to						
	4 cm wide.						
1040'	END OF HOLE Core recovery 98.8%.						
	All core lamped with ultraviolet light.						
	Occasionally a few specs of scheelite.						

DIAMOND D' LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected
506'		-52

Conversion Factor 1 foot = 0.305 m

Hole No. DDH 8202 Sheet No. 1 of 8
Section
Date Begun Sept. 20, 1982
Date Finished Sept. 24, 1982
Lot.
Dep.
Bearing Collar 99°, -50°
Elev. Collar 1850 m
Total Depth 516' (157.3 m)
Logged By T. Lee, R.U. Bruaset
Claim CATARACT #4
Core Size BQ
Only water circulation used

DEPTH	DESCRIPTION	(1)	(2) Core Recovery	(3) WIDTH OF SAMPLE ft.	(4) %/Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam, C
	EXPLANATIONS	20	13.5	6-20		6	15,25°	15,25,4
	Column (1): Number of quartz veins in sample	19	10	20-30		7	40,20,15°	20°
	interval.	18	10	30-40		5 10	20,35,15°	15°
	Column (2),(3),(4): Self explanatory.	29	10	40-50		5	10,20,15°	30,20°
	Column (5): Number of mineralized structures in	20	10	50-60		4	20,25°	30,15°
	sample interval (M.S.). To qualify under this	26	10	60-70		4	20,15°	30°
	heading a structure must contain either copper	33	10	70-80		6 10	20,15,25°	20,30,
	minerals and/or molybdenite.	22	10	80-90		1	45°	20,20°
		28	10	90-100		4 10	25,45,20°	10°
		24	10	100-110		3	25,15,40°	25°
		25	10	110-120		6	10,30,45°	-
		24	10	120-130		3	5,10,20°	10,20°
	The width of the mineralized	30	10	130-140		7	30,0,20°	-
	structure is irrelevant; may range from hairline	13	10	140-150		2	30,20°	25°
	fracture to a vein up to 2 cm wide.	13	10	150-160		3	40,20°	25°
	Column (6): Core angle of mineralized structures.	17	10	160-170		2	25,20°	15°
	The order in which the angles are listed does	16	10	170-180		5 30	20,5,10°	20°
	not suggest any dominant core angle.	17	10	180-190		6 50	20,25,15°	-
	Column (7): Core angles of pyrite seam. To qualify	12	10	190-200		2	30°	-
	a pyritic structure must be more or less solid	18	10	200-210		4	25,20,15°	30°
	pyrite. A vuggy quartz vein containing heavy	16	10	210-220		2	15,20°	25°
	pyrite does not qualify.							

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 2 of 8 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1)	(2) Recovery	(3) WIDTH OF SAMPLE	(4) %/Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam, C.A.
0 - 6'	OVERBURDEN, broken rock. No core recovered.	17	10	430-440		1	15°	25,15°
6 - 516'	TERTIARY CATARACT VOLCANICS	12	10	440-450		4	30,20°	20,20°
	Lapilli tuff and lesser tuff. Medium to dark	9	10	450-460		1	10°	20°
	coloured. Abundant lithic fragments in the 2 mm	7	10	460-470		3	20,75°	-
	to 2 cm size range. Various light and dark	12	10	470-480		6 30	40,25,70°	-
	volcanic and intrusive fragments.	17	10	480-490		1	-	-
	6'-143' fragments are generally somewhat	17	10	490-500		5 20	60,70,25°	-
	indistinct as if the fragments and matrix	14	10	500-510		1	70°	-
	are partially recrystallized, possibly	7	6	510-516		1	60°	-
	somewhat hornfelsed.							
	Alteration:							
	Silicification in the form of quartz along							
	hairline fractures to quartz veinlets 1 cm							
	wide. Vuggy quartz veinlets are common.							
	Half of the mafics has been chloritized and							
	often fragments that appear recrystallized have							
	centers of mafics largely altered to chlorite.							
	Bleached envelopes up to a few cm wide occur							
	relative to pyritic structures. Within the							
	bleached envelopes the plagioclase is softened							
	by moderate argillic alteration. The bleached							

DIAMOND D' LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 3 of 8 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
6 - 516' (Cont'd)	envelopes also contain disseminated pyrite. A little sericite was occasionally seen within the quartz veining and bleached envelopes.						
	Mineralization: Sparse fine grained molybdenite and chalcopyrite occur with quartz and pyrite in structures from hairline fractures to veinlets and seams up to 1 cm wide. The molybdenite tends to occur with quartz rich structures while the chalcopyrite tends to occur with pyrite rich ones. Minor disseminated chalcopyrite and molybdenite also occur. Pyrite is the dominant sulphide at 3-5% mainly in hairline fractures, veinlets and seams up to 1 cm wide and their alteration envelopes. Typically veinlets with quartz-pyrite-molybdenite cut veinlets of pyrite-quartz.						
	7' pyrite seam cuts second pyrite seam with opposite dip.						
	20' quartz-pyrite-molybdenite veinlet cuts pyrite seam.						
	29',73' quartz-pyrite-molybdenite veinlet cuts pyrite-quartz veinlet.,						

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 4 of 8 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
6 - 516' (Cont'd)	34.5' 1 cm of gouge (green mud) with pyrite at a core angle of 20°.						
	35' 3 mm of gouge at 30°.						
	36', 104' quartz-pyrite-molybdenite veinlet cuts a hairline pyrite fracture.						
	44' chalcocite replacing chalcopyrite preferentially to pyrite.						
	38', 47' minor native copper on fracture.						
	51', 76' chalcopyrite with pyrite-chalcocite-quartz in 2 mm veinlets at 20° and 25°.						
	69-81' abundant bleaching in this section, envelopes relative to pyritic veinlets, some envelopes overlapping.						
	100' Chalcopyrite with pyrite-quartz in a 1-2 mm veinlet at 20°.						
	108' 0.5 cm veinlet at 40° lined with vuggy quartz with a trace of molybdenite, filled with a white mineral hardness 4-5.						
	134' thin gouge on a chloritic slickenside fracture surface at 30°. A pyrite seam which cuts the fracture surface is not offset.						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 5 of 8 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
6' - 516' (Cont'd)	137' quartz-pyrite-molybdenite veinlet cuts a pyrite-quartz-chalcopyrite veinlet and its alteration envelope.						
	138' quartz-molybdenite veinlet cuts pyrite-chlorite veinlet.						
	142.5' slickenside surface along side a pyrite seam at 20°.						
	143-516' Fragments are relatively unaltered and distinct.						
	Alteration:						
	The intensity of silicification is becoming less with depth. The character of the chloritization has changed with depth. Now less than one-third of the mafics is chloritized. There is also an increase in the amount of chlorite associated with pyritic veining both in the veinlets and seams themselves and as a chloritic envelope on the periphery of the bleached envelopes. The bleached envelopes are similar previously. Sericite alteration also similar.						

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 6 of 8
Section
Date Begun
Date Finished
Lat.
Dep.
Bearing
Elev. Collar
Total Depth
Logged By
Claim
Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	Mineralization:						
	Molybdenite and chalcopyrite occur in amounts less than previously. Pyrite content is decreasing to 2-3%. There is now more disseminated pyrite in the matrix and less occurring as veins.						
	145.5' chalcocite replacing chalcopyrite in preference to pyrite in a quartz-pyrite-chalcopyrite-chalcocite veinlet.						
	162', 170.5' chalcopyrite and pyrite in 2 mm wide quartz veinlets at 25° and 30°.						
	182' hairline fracture at 25° contains pyrite, chalcocite, chalcopyrite.						
	195' slickenside on fracture at 30°.						
	205' chalcopyrite in two 2-4 mm pyrite-quartz veinlets at 25°.						
	218' pyrite-chlorite-magnetite hairline fractures.						
	224' magnetite-chlorite hairline fracture at 0°.						
	242' example of a pyrite-chlorite veinlet.						
	243' magnetite hairline fracture at 45°						
	263-271.5' black, fine to medium grained, mafic dyke, lower contact at 35°. Cut by some veining as rest of rock.						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 7 of 8 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
6 - 516' (Cont'd)	269' quartz-magnetite veinlet at 0°.						
	286' 6" wide dykelet? A medium to coarse grained intrusive with 5% disseminated pyrite and 15-20% mafics. Appears to have a fine grained chill border. Lower contact at 55°, upper contact at 80°.						
	336-340' white, fine grained, rhyolitic rock, low mafics.						
	393-416' fine grained volcanic, medium colour with a few fragments.						
	356' magnetite hairline fracture at 0°.						
	377' magnetite with quartz.						
	407' chalcopyrite in 2 mm quartz vein @ 30°.						
	419-426' medium to dark grey quartz porphyry sill? Quartz phenocrysts 2-3 mm in size are abundant, lesser mafic phenocrysts. Cut by same veining as rest of hole. Contains a few lithic fragments. Both upper and lower contacts are sharp at 40°.						
	456' molybdenite with quartz at 10°.						
	477' chalcopyrite and pyrite in 2 mm quartz vein at 25°.						
	499' A pyrite-quartz-chalcopyrite 3 mm veinlet at 25° has a bleached envelope with a chloritic envelope on the periphery with disseminated chalcopyrite.						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8202

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8202 Sheet No. 8 of 8 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
6 - 516' (Cont'd)	495' molybdenite in a quartz hairline fracture at 60°.						
	515' possible layering at 60°.						
516'	END OF HOLE Core Recovery 99.9%						
	UV LAMPING: Occasional minor specks of scheelite.						

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 1 of 11 Lat.

Section Dep.

Date Begun Sept.26, 1982 Bearing Collar 211°, -50°

Date Finished Oct. 2, 1982 Elev. Collar 1580m

Total Depth 707' (215.6 m)

Logged By T.Lee, R.U.Bruaset

Claim Cataract #4

Core Size BQ

Only water circulation used

DEPTH	DESCRIPTION	(1)	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seam C.
	EXPLANATIONS:	13	5.5	12-20		2	20,40°	-
	Column (1): Number of quartz veins in sample	22	10	20-30		9 15	45,10,35°	5,10
	interval.	25	10	30-40		7 25	30,15,5°	5,35
	Column (2),(3),(4): Self explanatory.	36	10	40-50		8	40,30,55°	10,5,5
	Column (5): Number of mineralized structures in	34	10	50-60		8 20	40,50,10°	-
	sample interval (M.S.). To qualify under this	44	10	60-70		12 20	30,40,55°	-
	heading a structure must contain one or more	28	10	70-80		6	40,10,0°	15°
	of chalcopyrite and molybdenite. The width of	29	10	80-90		2	25°	0°
	the mineralized structures is irrelevant for	25	10	90-100		7 5	30,35,65°	0°
	this classification. M.S. may range from	28	10	100-110		5	20,30,40°	30°
	hairline fracture to a vein 2 cm wide or more.	34	10	110-120		6	15,30,20°	15,10
	Column (6): Core angle or mineralized structures.	34	10	120-130		8 45	30,20,10°	-
	The order in which the angles are listed does	38	10	130-140	0.04/ <0.05	8	25,30,40°	30,15
	not suggest any dominant core angle.	24	10	140-150	0.03/	9	25,15°	0,10 10,10
	Column (7): Core angles of pyritic seam. To	21	10	150-160	<0.001/	3	25,35°	5°
	qualify a pyritic structure must be more or	31	10	160-170	0.02/ 0.08	9 0	15,30,40°	0°
	less solid pyrite.	25	10	170-180	0.01/ 0.20	10 5	15,20,40°	0°
		33	10	180-190	0.01/ 0.06	10 0	10,25,40°	0°
0 - 12'	OVERBURDEN, broken rock. No core recovered.	18	10	190-200	0.02/ 0.09	9 0	10,20,35°	-
12 - 707'	TERTIARY CONTACT VOLCANICS	18	10	200-210	0.02/ 0.09	7 0	20,30,40°	-
	Lapilli tuff to tuff.	22	10	210-220	0.01/ 0.07	4	30,35°	0,0°

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 2 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1)	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seams C
12 - 707' (Cont'd)	Pinkish grey to black. Abundant light and dark	25	10	220-330		2	30,40°	10,0°
	lithic fragments. Fragments are volcanic and	38	10	230-240		7 30	35,15,20°	-
	lesser intrusive.	23	10	240-250		8 20	40,25,35°	-
	Alteration:	26	10	250-260		6 20	50,25,30°	0°
	Silicification. Quartz veinlets up to 2 cm	14	10	260-270		3	0,40°	0,0°
	wide and hairline fractures. Bleaching,	7	10	270-280		2	35,0°	10,0,0
	mainly as envelopes relative to pyritic veins.	13	10	280-290		3	35,45°	0°
	Chloritic alteration. Less than one-third	22	10	290-300		4 15	40,35,10°	-
	of the mafics are chloritized. Some chlorite	30	10	300-310		6	20,25,15°	0,5°
	occurs within the veining and alteration	31	10	310-320		6	15,10,20°	10,5,1
	envelopes. The more felsic parts have	20	10	320-330		4 35	30,10,20°	10,10°
	greater than two-thirds of their mafics	21	10	330-340		5 30	0,15,40°	10,15°
	chloritized. A little sericite was occa-	13	10	340-350		2	40,15°	10°
	sionally seen within the quartz veining and	13	10	350-360		2	15,30°	-
	bleached envelopes mainly in the lower one-	17	10	360-370		3	15,20,60°	5°
	half of the hole.	30	10	370-380		4 20	25,35,40°	0,10°
	Mineralization:	17	10	380-390		4	30,0,40°	-
	Pyrite is the dominate sulfide at 2-4% mainly	10	10	390-400		5 15	30,0,40°	0,10,5
	within the veins. Minor disseminated	16	9.5	400-410		6 40	20,35,0°	-
	molybdenite and chalcopyrite noted.	10	10	410-420		1	40°	5°
	Occasionally chalcocite.	19	10	420-430		2	35,20°	10,0°

DIAMOND D''LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 3 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1)	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrit Seams
12 - 707'(Cont'd)	12-51', 81-124', 168-175', 254-272'	21	10	430 - 440		2	20,10°	20°
	intense bleaching.	15	10	440 - 450		4	45,20°	-
	38' molybdenite with quartz and pyrite	9	10	450 - 460		4	20,30,15°	-
	in a 1 cm veinlet at 15°.	13	10	460 - 470		6 15	30,0,45°	-
	45.5' quartz-molybdenite-pyrite veinlet	19	10	470 - 480		5 10	20,0,5°	-
	at 30° cuts pyrite-quartz veinlet	16	10	480 - 490		5 45	30,15,5°	10,0,1(
	at 5°.	12	10	490 - 500		5 35	30,10,20°	
	48' molybdenite with quartz-pyrite	14	10	500 - 510		0	-	0°
	veinlets at 40° and two quartz-	17	10	510 - 520		1	10°	0°
	pyrite veinlets with same attitude	13	9	520 - 530		3 30	45,20°	10,5°
	cut a pyrite seam at 0°.	16	10	530 - 540		3	20°	20,5°
	51-77' fine to medium grained black	22	10	540 - 550		5 10	45,25°	15,5,0,5
	mafic volcanic or possibly a dyke.	15	10	550 - 560		4	40,0,20°	5°
		15	10	560 - 570		3	15,10°	5,10°
		13	10	570 - 580		2	35,30°	0°
	50', 109', 72', 71.5', 122', 160'	20	10	580 - 590		3 15	45,40°	0,20,1(
	bronze colored biotite ± quartz	17	10	590 - 600		3 15	25,10°	5,10,10
	± pyrite ± chlorite veinlets and	30	10	600 - 610		4 20	45,40°	5,15°
	fractures.	20	10	610 - 620		2	20°	10°
	54',55.5' molybdenite with quartz-	13	10	620 - 630		2	10,45°	10,10°
	pyrite-minor native Cu in veinlets	24	10	630 - 640		5	30,20,0°	10,10°
	½ cm-1½ cm at 35° and 45°.							

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 4 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	(1)	(2) Core Recovery	(3) WIDTH OF SAMPLE	(4) % Mo % Cu	(5) M.S.	(6) M.S. C.A.	(7) Pyrite Seams C.
1? - 707'	54',54.5',55.5' minor native Cu.	8	9	640 - 650		0	-	10,15°
(Cont'd)	71' quartz-molybdenite-pyrite veinlet cuts	8	10	650 - 660		3	15,20°	-
	quartz-molybdenite-pyrite veinlet.	24	10	660 - 670		0	-	10,20,?
	71.5' quartz-pyrite-molybdenite veinlet cuts	21	10	670 - 680		4 10	35,20,40°	10,20
	pyrite seam and a quartz-biotite-pyrite-	21	10	680 - 690		5 35	20,30,45°	10,10
	chlorite veinlet.	18	10	690 - 700		2	35,10°	10°
	74',136',151.5',175' magnetite ± quartz	10	7	700 - 707		2	20,50°	10°
	pyrite ± chalcopyrite ± chlorite vein-							
	lets and fractures.							
	85.5' two quartz-pyrite-molybdenite veinlets							
	at 25° cut a pyrite seam at 0°.							
	82-91' core follows a 2cm wide pyrite seam.							
	91.5',111',134.5',164',169' quartz-pyrite-							
	molybdenite veinlets cut pyrite seams.							
	123',134.5',138',144',166' molybdenite with							
	quartz-pyrite in veinlets 2mm-2cm wide							
	at 10°, 25°, 35° and 45°.							
	151.5-168' moderate amount of bleaching.							
	153-223' abundant pinkish clasts appear re-							
	crystallized possibly hornfelsed, mafic							
	clots in center of siliceous material.							

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 5 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
12 - 707' (Cont'd)	159' layering at 50°.						
	169-174' chalcopyrite in pyrite-quartz veinlet 1-2 mm wide at 0°. Contains minor red mineral (cuprite?).						
	181.5',190',199',238',252.5',305' molybdenite with quartz-pyrite in veinlets 1-3 mm wide at 35°, 30°,20°.						
	194',201',347' biotite-chlorite ± pyrite ± quartz ± magnetite hairline fractures.						
	203' chalcopyrite with pyrite in hairline fracture.						
	213',219' molybdenite with quartz-pyrite veinlets at 25° and 40° cut pyrite seam at 0°.						
	223-233', 247-255' fine to medium grained dark volcanic crystal tuff or dyke.						
	254-258' core follows a 1 cm pyrite-quartz-minor molybdenite seam.						
	261-262' fine grained, Leucocratic						

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 6 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar. Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
1? - 707' (Cont'd)	pinkish sill or dyke. 5% mafics.						
	Both contacts sharp at 45°.						
	266.5-276.5' fine to medium grained						
	leucocratic dyke cuts						
	layering. 5-10% biotite, 1-2%						
	pyrite. The dyke is cut by mineral-						
	ized quartz vein. Lower contact 50°						
	upper 35°, both sharp.						
	289' layering 45°.						
	280',284',305-306',318-320',336',348'						
	350' magnetite ± chlorite ± quartz						
	± pyrite ± chalcopyrite in fractures						
	and veinlets.						
	310' quartz-pyrite-molybdenite veinlet						
	cuts pyrite seam.						
	325' molybdenite with quartz-pyrite						
	veinlet 3 mm wide at 20°.						
	342-344' leucocratic dyke same as 258-						
	365' but no sharp contacts.						
	347.5' molybdenite with quartz-pyrite						
	in 3 mm veinlet at 15° cuts pyrite						
	seam at 10°.						

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 7 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
12 707'(Cont')	355' layering 55°.						
	358-365' fine to medium grained leucocratic dyke cross cuts layering. 10% biotite largely chloritized. Abundant quartz eyes 2-5 mm in size. Cut by same veining as rest of hole. Lower contact 40°, upper 45°. The quartz veining and alteration envelopes contain more than usual sericite.						
	370.5',371.5',386-389' green fluorite pyrite veinlets at 10° and 0°.						
	371',375' quartz-pyrite-molybdenite veinlets cut pyrite-quartz veinlets.						
	382' layering 45°.						
	409-410',433' chalcocite selectively replacing chalcopyrite over pyrite in fracture and veinlet at 0° and 10°.						
	411' molybdenite with quartz in hairline fracture at 40°.						

DIAMOND D 'LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 8 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
12 - 707' (Cont'd)	412' layering 40°.						
	2" leucocratic sill, parallels						
	layering. Same as dyke at 358-365'.						
	Sharp contacts.						
	427',430-435',494-497',505',512',516'						
	Fluorite-pyrite ± quartz ± sericite						
	veinlets.						
	435',534',575',588',626',632',639',655',						
	657' biotite ± quartz ± chlorite						
	± pyrite ± magnetite veinlets.						
	446',462',502' magnetite ± pyrite						
	± chlorite ± quartz fractures and						
	veinlets.						
	456' 3" leucocratic dyke with some						
	brecciation of the volcanics.						
	Crosscuts layering. Similar to in-						
	trusive at 358-365'. Contacts at						
	35-45°.						
	456' disseminated very fine molyb-						
	denite in alteration envelope.						
	468' 1" leucocratic dyke with a few						

DIAMOND D' 'LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 9 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
12 - 707' (Cont')	volcanic fragments. Crosscuts						
	layering. 45° to core angle.						
	468-469.5' fine to medium grained,						
	black mafic sill parallels layering.						
	Lower contact 50°, upper 60°, both						
	sharp. Slightly finer grained upper						
	chill contact.						
	470' molybdenite with quartz-pyrite in						
	3 mm veinlet at 45°.						
	490-496' half a dozen small, 1"-1'						
	pinkish fine grained						
	sills or rhyolitic intervals in the						
	dark lapilli tuff. Conform to						
	layering. Chilled borders are uneven.						
	498.5-502' fine to medium grained black						
	mafic sill. No contacts seen.						
	Contains a large fragment of pinkish						
	lapilli tuff.						
	540',541' molybdenite with quartz-						
	pyrite veinlet at 10°.						
	568-569' chalcopyrite and chalcocite						

DIAMOND D LL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 10 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
12 - 707' (Cont'd)	with pyrite in two 1-2 mm veinlets						
	at 10°. Chalcocite selectively re-						
	places the chalcopyrite.						
	566',571-579',661',698' fluorite with						
	pyritic veining.						
	571' molybdenite with quartz in 1 mm						
	veinlet at 35°.						
	609',629' molybdenite in hairline						
	fracture.						
	615' 6" medium grey quartz porphyry dyke						
	crosscuts layering. Abundant quartz						
	phenocrysts 3-5 mm, some biotite						
	phenocrysts largely altered to chlorite.						
	A few foreign volcanic fragments.						
	Contacts at 55-60° have a 2-3 mm						
	biotite-chlorite chill margin.						
	625-646' dark feldspar porphyry dyke?						
	Lower contact is irregular at 90°.						
	Abundant feldspar laths 2-4 mm in						
	size.						
	630',631',654.5',695',706' molybdenite						

DIAMOND DRILL RECORD

PROPERTY CATARACT (Elton Lake Mo Showing) HOLE No. DDH 8203

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8203 Sheet No. 11 of 11 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
12 - 707' (Cont'd)	with quartz ± pyrite veinlets 1-2 mm						
	at 20°, 30°, 15° and 35°.						
	687' quartz-molybdenite veinlet cuts						
	pyrite seam.						
	685-690' light colored, very fine grained						
	rhyolitic section.						
	681' molybdenite on fracture.						
707'	END OF HOLE						
	UV LAMPING: No scheelite seen.						