827614

1979

92B/13 W

UMEX CORE – Chemainus Project

DDH CH-1

Spec. #

64 – 40.1'
65 – 51.0'
66 – 62.5'
67 – 89.0'
68 – 102.7'
69 – 114.0'
70 – 135.9'
71 – 160.0'
72 – 183.8'
73 – 185.0'
74 – 197.5'
75 – 204.0'
76 – 217.2'
77 – 238.0'
78 – 260.0'
79 – 277.8'
80 – 296.4'
81 – 311.0'
82 – 333.0'
83 – 349.0'
84 – 374.7'
85 – 401.0'
86 – 425.1'
87 – 437.5'
88 – 460.0'
89 – 474.3'
90 – 491.0'
91 – 512.5'
92 – 521.9'
93 – 538.3'
94 – 554.5'
95 – 578.5'
96 – 600.0'
97 – 618.5'
98 – 630.0'
99 – 649.0'
100 – 670.0'
101 – 693.0'
102 – 705.7'
103 – 740.1'
104 – 759.5'
105 – 775.0'
106 – 803.0'

UNION MINIERE EXPLORATIONS AND MINING CORPORATION LIMITED

DRILL RECORD

AREA: VIVA VENTURES OPTION | Hole No.: CH 1 | Depth: 804 feet | Drilled By: Phil's Drilling

ANOMALY: | Bearing and Dip: -45° South | Started: June 1, 1979 | Machine: Longyear-24 | Described By: R. Turna

CLAIM: KLONDYKE | Local Coord. X=18E Y=0+50S Z=Charity Grid | Completed: June 5, 1979 | Diam.Drill: BQ

Depth (feet) From	Depth (feet) To	% Core	Description & Lithology	Mineralization	Dip	No. of Sample
	28		Overburden.			
	108		Chlorite schist. Mostly fine grained with low fracture density. Very little disseminated pyrite and associated with 1/4 cm or smaller quartz veins. Veins are strung out parallel to schistosity.			
3	118		Highly fractured.			
3	181		Chlorite schist as above.			
L	190		Chlorite schist with quartz veins. Coarse crystalline pyrite associated with veining makes up 25% of rock. Minor chalcopyrite in quartz vein.	cpy at 185 and py		CH1 181-190
)	202		Chlorite schist. Fine grained.			
2	205		Coarse crystalline pyrite associated with quartz veining makes up 20% of rock. This and 181-190 are certainly the geophysical conductors. Chalcopyrite occurs in quartz vein at 203 and 203.5.	py; cpy at 203 and 203.5		CH1 202-205
5	275		Medium grained chlorite schist. Low fracture density. Small amount of disseminated pyrite. Medium porosity.	minor cpy at 255		
5	286		Chlorite schist brecciated by quartz veining. Some pyrite associated with veining.			
6	305		Fine grained chlorite schist. No pyrite.			
5	310		Highly fractured and porous chlorite schist. Some disseminated pyrite.			
)	316		Fine grained chlorite schist.			
6	320		Fractured and porous chlorite schist. Some disseminated pyrite.			

Depth		%	Description & Lithology	Mineralization	Dip	No. of
	To	Core				Sample
	345		Fine grained, medium porosity chlorite schist. Some pyrite with small quartz veins and disseminated.	py		CH1 332
	350		Highly fractured chlorite schist. Some disseminated pyrite.			
	410		Fine grained chlorite schist. Low fracture density and porosity. Small amount of disseminated pyrite. Pyritiferous veinlet at 401.			
	473		Coarse grained chlorite schist. Low fracture density and porosity. Small amount of pyrite disseminated and associated with many small quartz veinlets. Quartz veins are strung out parallel to schistosity. Some chalcopyrite occurs with quartz veining at 423.5 and 439.	cpy at 423.5 and 439		
	476		Pyrite disseminated in chlorite schist. Fine grained.	py		CH1 474-476
	480		Fine grained chlorite schist. Minor pyrite. Small amount of disseminated chalcopyrite at 480.	cpy at 480		
	551		Coarse grained chlorite schist. Low fracture density. Pyroclasticy granular appearance. Many small epidote clasts. Minor pyrite disseminated and in quartz veinlets.	py py py		CH 519. -522.5 CH1 524-526 CH1 530-532
	570		Highly fractured. Pyrite concentrated in small quartz veinlets. Pyrite also occurs disseminated.	py py		CH1 552-555 CH1 556-558
	580		Medium grained chlorite schist.			
	583		Many small quartz veins in medium grained chlorite schist. Small bit of chalcopyrite at 583 in quartz veinlet.	cpy at 583		
	606		Medium grained chlorite schist with occasional small quartz veins.			
	609		Brecciation by quartz veins with pyrite. Some epidote alteration and clasts.			
	677		Coarse grained chlorite schist. Small clasts of epidote. Brecciation occurs at many small quartz veins. Minor disseminated pyrite. Low porosity.			

Depth		%	Description & Lithology	Mineralization	Dip	No. of
n	To	Core				Sample
	683		Highly fractured. Some disseminated pyrite.			
	696		Coarse grained chlorite schist. Minor pyrite.			
	702		Disseminated pyrite in chlorite schist. Pyrite occurs as "eyes" strung out parallel to schistosity. No veining. Chalcopyrite disseminated in small amounts at 699 and 700.	py cpy at 699 and 700		CHI 696-702
	747		Fine grained chlorite schist. Very little disseminated pyrite. Low to medium porosity.			
	774		Greyish green chlorite schist. Very porous. Medium grained. Appears more siliceous. Occasional minor disseminated pyrite.			
	780		Brecciation by quartz veins. Minor pyrite in veins.			
	792		Coarse grained porous chlorite schist. Appears somewhat siliceous. Some small quartz veinlets. Silicified. Disseminated pyrite at 784-786.5 and 788-789.	py		CHI 784 786.5 and 788-789
	804		Grey very porous, medium to coarse grained chlorite schist. No pyrite.			

Footage	ppm Cu	ppm Zn	ppm Ag	ppm Au
CHI 181-190	500	16	.2	.020
~~202-205~~	~~2200~~	~~40~~	~~1.3~~	~~.050~~
332	240	58	.1	.030
474-476	88	68	.1	.010
~~519.5-522.5~~	~~12~~	~~62~~	~~.1~~	~~.005~~
524-526	102	68	.1	.020
530-532	10	47	.1	.005
~~552-555~~	~~15~~	~~64~~	~~.1~~	~~.005~~
556-558	430	50	.1	.010
~~696-702~~	~~295~~	~~38~~	~~.2~~	~~.010~~
CHI 784-786.5 & 788-789	27	32	.1	.005

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
106.38 m	RHYODAC T. (1-3%/1mm QTZ EYES)	LT GREEN/ GREY	VF-F	M FOLIATED	FOL 30°	W-W SER - QTZ-PY STR	3-5% PY DISS & 5-10mm STR C/A STR	FG STR MIN? 5/M TO COPPER CANYON
114.21 m	DAC T/ FQP CX T.	LT-M GREY - GREEN	F-M	M FOLIATED 15% <1-1mm FP 1-2% QTZ EYES	FOL 70°	W SER	2-3% PY	
122.22 m	DAC T / FQP CX T.	CREAM-BUFF	F	M FOLIATED	FOL 80°	- W SER - QTZ-PY STR C/A 80 - S BLEACHED	5-8% STR / DISS F-MG PY	5cm PIECE OF CORE & STR
129.57 m	AND CX T.	M-DK GREEN	F-M	W FOLIATED 25% <1-1mm FP	FOL 70°	- W CHL - W SEL EP OF FP	- TR PY	
133.35 m	AND CX T	"	"	" "	FOL 60°	- W CHL - W-M SEL EP OF FP - VW <5% PATCHY EP	"	
140.21 m	AND CX T	"	"	" "	FOL 80°	- W CHL - W-M SEL EP OF FP - VW <5% PATCHY EP	1-2% PY TR CPY(?)	
144.56 m	AND F T / F CX T.	"	F	M FOLIATED	FOL 30°	- W-M CHL	1-3% PY	
149.66	AND CX T	"	F-M	W FOLIATED	FOL 80°	- W CHL - W SEL EP? OF FP - VW PATCHY EP	2-3% PY DISS, LOC 3mm STR 80° C/A	
156.21	AND CX T	"	"	"	FOL 45°	- W CHL - M SEL EP OF FP - W 5% PATCHY EP	TR PY	
159.08	AND CX T	"	"	W-M FOLIATED	FOL 20°	- W CHL - W SEL EP	5% DISS & PATCHY PY	

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FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
164.07 m	AND CX T	M-DK GREEN	F-M	W FOLIATED 25% FP PHENOS	FOL 45°	-M SEL EP OF FP PHENOS - W CHL - VW PATCHY EP	TR PY	
169.01 m	AND F T	M GREEN	F	W-M FOLIATED	FOL~ 10°	- W CHL	3% PATCHY PY	
176.23 m	DIOR FP PHYRIC	DVK M GREEN	M-PHENOS VF GM	VW FOLIATED 5-10% PHENOS 1-2mm	—	- W CHL ON FRAC	NVS	
182.88 m	DIOR FP PHYRIC	"	"	"		- W CALC-PY 3mm VEINLETS	1% DISS PY	
188.52 m	AND CX T	M-DK GREEN	F-M	VW-W FOLIATED	?	- W CHL - W-M SEL EP - W PATCHY 5% EP	TR PY	
192.02m	AND F. T.	"	"	M FILIATED	FOL 30°	- W CHL - W QTZ VEINS	1-3% PY	
197.82 m	AND F. T. MINOR F CX T.	M GREEN	F	W-M FOLIATED	FOL 45° LAYERING 60°	- W CHL - VW PATCHY EP	1% PY	
204.22 m	AND CX T	M-DK GREEN	F-M	W FOLIATED	FOL ?	- W CHL - W-M SEL EP - W-M 10% PATCHY EP	TR PY	
211.23 m	AND F CX T.	M GREEN	F	W FOLIATED	FOL 45?	- W CHL - W SEL EP	2-5% PY DISS + STR C/A 30°	
215.10 m	AND T? (E QTZ VEIN BX)	M GREEN-GREY	F	VW-W FOLIATED	?	- W-M CHL - IRREG CALC-QTZ	3% DISS FG PY	

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FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
103 225.58 m	DAC F T.	M-LT GREEN-GREY	VF-F	W-M FOLIATED	FOL" 45°	- W SER - M CHL ON FRAC.	3-5% FG DISS PY	
231.34 m	DAC F. T. (IN FAULT BX?)	"	VF-M	M FOLIATED	FOL" 40°	- M SER	1-3% PY DISS & PATCHY	
236.22 m	AND CX T (SILICIFIED?)	LT-M GREY-GREEN	F-M	W FOLIATED	FOL 45°	- W SEL EP OF FP - MX SILICIFIED(?) - CHL STR	1-2% PY DISS	
244.75 m	AND CX T (SILICIFIED?)	LT-M GREY-GREEN	F-M	W-M FOLIATED	FOL 30°	- W SEL EP OF FP - DISS SILICF IN MX	~1% PY	

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