

840114

HOLE No. 79-1SHEET 1 OF 22PROPERTY POPHYRY CK
GRID _____

DIAMOND DRILL LOG

LOCATION 000N 790E APPROX BEARING 310° LATITUDE _____ CORE SIZE H LOGGED BY P. FOLK
 DATE COLLARED 16 SEPT 79 LENGTH 261.2 M. (857ft) DEPARTURE _____ SCALE OF LOG 1:100 DATE SEPT - OCT 79
 DATE COMPLETED 5 OCT 79 DIP -51° ELEVATION 1572.8 M (5160ft) REMARKS SIZE OF CORE REDUCED TO N @ 163 M.

ROCK TYPES AND ALTERATION	GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE	MINERALIZATION AND STRUCTURES	SPECIFIC GRAVITY	METRE BLOCKS	REC'VY	SAMPLE No.	ASSAY RESULTS							
					WT. IN GRAMS		CORE %							
<u>OVERBURDEN</u>	0													
HIGHLY BROKEN, FRACTURED MEDIUM TO COARSE GRAINED, HETEROGENEOUS ASSORTMENT OF HORNBLENDE RICH ROCK. ROUGHLY 60% GREEN, CHLORITIZED HORNBLENDE, 40% FELDSPAR, NO QUARTZ IN MATRIX. SOME SECTIONS CONTAIN KSPAR. ZONES AND SMALL DYKELETS	9	ABUNDANT LIMONITE ON FRACTURES ABOUT 14/10CM. SOME YELLOW NO STAIN. PYRITE 1% MINOR QUARTZ STRINGERS.		8.8										
OF GRANITIC MATERIAL. EPIDOTE COMMON. SOME MATERIAL CONTAINS A WEAK FOLIATION. HORNBLENDE	12													
AS ABOVE BUT BECOMING MORE ACIDIC AND FINER GRAINED.	15	AS ABOVE		12.5 13.4 14.3 14.9										
FINE GRAINED GREENISH, SILICEOUS ALTERED VOLCANIC. PY, QTZ., EP., CLH.	18	ABUNDANT LIMONITE ON FRAC. 2mm. QTZ. MOSL STRINGERS // CORE ABOUT 3/10CM. 75° Py. QTZ. 4/10 CM. ALSO ANOTHER SET @ 90° TO ABOVE. CORE IS WELL FRACTURED IN MANY DIRECTIONS THE BEST MOSL APPEARS IN THE LAST MINERALHEAD SET.			32%	25801								
				17.1	15%									
				18.6										

RECOVERY
LESS
THAN
20%

PROPERTY PORPHYRY CK.
 GRID _____

DIAMOND DRILL LOG

HOLE No. 79-1
 SHEET 3 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE	MINERALIZATION AND STRUCTURES	SPECIFIC GRAVITY	METRE BLOCKS	REC'VY	SAMPLE No.	ASSAY RESULTS						
					WT. IN GRAMS		CORE %						
FINE GRAINED BLEACHED, SILICIFIED VOLCANICS (?) WITH MINOR FINE BIOTITE, SARCITE, KSPAR.	30	Py, Lim, YELLOW STAIN. MINOR MO ₂ S ₂ ,		29.9		25806							
				31.4	73%								
				32.0	92%								
AS ABOVE BUT BEGINNING TO TAKE ON A SLIGHTLY PORPHYRITIC ASPECT. NOTE FINE BIOTITE	33	1% PY MINOR MO ₂ S ₂ THE MO ₂ S ₂ AND QUARTZ POST DATES SOME HIMONITIC FRACTURING. TWO INTERSECTING SETS OF FRACTURES @ 45° TO CORE AND 90° TO EACH OTHER		33.5		25807							
				34.4	95%								
				35.5	55%								
AS ABOVE	36	1-2% PY ABUNDANT INTERSECTING LIM. FRACTS AT LEAST 10/10CM. MINOR MO ₂ S ₂		36.1		25808							
				37.7	61%								
				38.7	95%								
FINE GRAINED GREEN, SHEARED, RECRYSTALLIZED, HORNBLENDE RICH ALTERED VOLCANICS. SOMEWHAT DIORITIC IN TEXTURE. Py, Lim, CHL, EP.	39	FAULT GOUGE 45° SHEARING SOME SILICIFICATION, ABOUT 10% PY. ALSO FINE MAGNETITE.		38.7		25809							
				39.8	99%								
					67%								
AS ABOVE WITH INCREASED SILICA, FELDSPARS, AND FINE BIOTITE.	42	MORE THAN 10% PY. WELL FRACTURED 50° MO ₂ S ₂ 3/10CM		41.5									
				41.8	90%								
				42.5	95%								

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DIAMOND DRILL LOG

HOLE No. 79-1
 SHEET 5 OF 22

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 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	ROCK TYPE ALTERATION	GRAPHIC LOG DEPTH IN METRES	STRUCTURE	MINERALIZATION AND STRUCTURES	SPECIFIC GRAVITY	METRE BLOCKS	REC'VY	SAMPLE No.	ASSAY RESULTS						
							WT. IN GRAMS		CORE %						
FELDSPAR PORPHYRITIC Bi QZ. MONZ. NO KSPAR EXCEPT AS STAINERS FRESH Bi. MINOR HORNBLENDE		54		1-2% Py. 20° PINK APHYTE TRACES MoS ₂ REGMATITIC QZ. AND KSPAR // CORE.				54.9	90%	25814					
Bi QZ. MONZ. QUITE MASSIVE KSPAR INCREASING TO ABOUT 20% TRACES SERICITE ON A FEW FRACTURES		57		BROKEN QZ. MINOR PY 1-2% PY					70%	25815					
		60		60° MoS ₂ 15° MoS ₂				59.1	80%						
AS ABOVE WITH CHLORITIZED Bi, FINE SERICITE, GREENISH COLOURATION. INCREASED FRACTURING		61.5		1-2% PY FRACTURE MoS ₂ WITH THIN QZ. ALMOST \perp TO CORE SOME ALSO // CORE.				60.7 61.0	77%	25816					
		63						62.5 62.8	50%						
		64		FINE SER. FRACT. // CORE 10/10cm. 45° MoS ₂ FRACTS MoS ₂ 2/10cm.											
Bi QZ. MONZ. FRESH Bi MINOR SER. KSPAR. CHL.		66		1-2% PY 80° THIN QZ. PY					60%	25817					
								66.2							

PROPERTY PORPHYRY CR.

GRID _____

DIAMOND DRILL LOG

HOLE No. 29-1
SHEET 12 OF 22

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY P.F.
DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE	MINERALIZATION AND STRUCTURES	SPECIFIC GRAVITY	METRE BLOCKS	REC'VY	SAMPLE No.	ASSAY RESULTS						
					WT. IN GRAMS		CORE %						
HORNFELS, ALTERED VOLCANIC	138	5-8% PY ON FRACTURES HIGHLY BROKEN	-138.7		28%	25842							
SILICEOUS APLITE, MINOR SERICITE	141	MOS ₂ 3/10 cm 3-5% PY	-140.5										
ORANGE-GREENISH F.G-M.G. QTZ. MONZ. Bi → CHL. KSPAR RICH CHLORITIC FRACTURES. NO SIGNIFICANT SERICITE	143	3-5% PY EXTREMELY BROKEN, POOR RECOVERY, MOS ₂ ON DAY FRACTS. AND WITH QTZ.	-142.0		33%	2M 25843							
	144		-143.6		25%		143						
AS ABOVE ABOUT 50% KSPAR, ALSO SMALL QTZ-KSPAR PEGMATITE SECTIONS	146	3-5% PY HIGHLY BROKEN. INTERSECTING PY, QTZ, MOS ₂ FRACTS. 3/10 cm.	-145.1		63%	25844							
	147		-146.3		74%		146						
AS ABOVE HIGHLY SHEARED, KSPAR RICH (50%) SERICITE AND SERICITIZED FELDSPARS IN HIGHLY SHEARED SECTIONS.	149	1-3% PY IRREGULAR MOS ₂ FILLED SHEAR PLANES IN MANY DIRECTIONS 3-4/10 cm.	-149.0		33%	25846							
	150		-152.1		48%		149						

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DIAMOND DRILL LOG

HOLE No. 29-1
 SHEET 14 OF 22

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 DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
 DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	ROCK TYPE ALTERATION	GRAPHIC LOG DEPTH IN METRES	STRUCTURE	MINERALIZATION AND STRUCTURES	SPECIFIC GRAVITY	METRE BLOCKS	REC'VY	SAMPLE No.	ASSAY RESULTS				
							WT. IN GRAMS		CORE %				
<p>Mostly FRESH Bi. QTZ. MONZ. APATITE 25% KSPAR. SOME KSPAR RICH SECTIONS</p>		162	X 30°	<p>1-2% PY NOTE TWO INTERSECTING <u>SIZE OF CORE</u> SETS OF MO₂ FRACTS. REDUCED TO "N" LINE OF INTERSECTION PLUNGES ABOUT 60° TO CORE AXIS. FRACTURE MO₂ AVERAGE ABOUT 1-2/10cm IN DIFFERENT DIRECTIONS.</p>		163.0	71%	25850					
<p>ALTERED QTZ. MONZ. 65% KSPAR, SERICITIZED FALDSPARS NOTED. SOME SERICITE FRACTURES</p>		165	45°	<p>1-2% PY PY. QTZ. CUTS THROUGH MO₂ QTZ. DRY MO₂ FRACTS CUT THROUGH PY. QTZ. MO₂ @ 45° 2-3/10cm.</p>		166.1	68%	25851					
<p>85% KSPAR IN ALT. QTZ. MONZ</p>		168	60°	<p>IRREGULAR Al₂O₃ FRACTS KSPAR BRALCIA ZONE 1-2% PY, WELL FRACTURED EVERY 2cm 3-4/10cm. IRREGULAR MO₂ FRACTS IN ALTERED ROCK.</p>		167.5 168.0	62%						
<p>UNALTERED Bi QTZ. FELD. PORPH. INTRUDED BY FINE KSPAR VEINS</p>		171	60°	<p>MASSIVE. SOME MO₂ IN FRACT. VERY MINOR QTZ SELVAGES @ 45°</p>		168.6 169.5 169.7	65% 60% 90%	25852					
<p>10% KSPAR. 30% QTZ. 10% Bi. 30% PLAG. 20% MATRIX MINOR KSPAR VEINS</p>		174	45°	<p>WATER UNDER PRESSURE @ 172 LIGHT PY ON FRACTS. LIGHT MO₂ ON A FEW THIN QTZ. SELVAGES @ ABOUT 90° 45° 2cm PY, QTZ.</p>		171.7 172.2	95% 90%	25853					
						174.3							

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DIAMOND DRILL LOG

HOLE No. 79-1
 SHEET 19 OF 22

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ROCK TYPES AND ALTERATION	GRAPHIC LOG ROCK TYPE ALTERATION DEPTH IN METRES STRUCTURE	MINERALIZATION AND STRUCTURES	SPECIFIC GRAVITY	METRE BLOCKS	REC'VY	SAMPLE No.	ASSAY RESULTS							
					WT. IN GRAMS		CORE %							
AS ABOVE WITH SOME FRESH SECTIONS. EVIDENCE OF CRUSHING OR STRONG SHEARING.	222	25° MoS ₂ SHEAR IRREGULAR MoS ₂ FILMS			222.8	97%	25870							
FRESH Bi QTZ. MONZ. 55% KSPAR SOME FRESH Bi, SOME COLORITIC MINOR SER. FRACTS SOME K SPAR RICH SECTIONS. FRESH.	225	45° 3/10 cm MoS ₂ WITH QTZ OTHERS CROSSCUTTING - 3 AGES. 30° CROSS CUTTING MoS ₂ SHEARS MoS ₂ , QTZ.			224.9	70%	25871							
	228	70° THIN MoS ₂ SALVAGES 45° MoS ₂ ON SHEAR 80° MoS ₂ PAINTED ON FRACT 80° MoS ₂ , QTZ.			227.7		25872							
AS ABOVE	231	20° MoS ₂ ON FRACT 70° MoS ₂ WITH QTZ. 10° FAULT GOUGE				80%								
FRESH AS ABOVE 65% KSPAR	234	MINOR MoS ₂ 20° SHEAR			232.8		25873							

N

Main area of open cuts and drilling

Mo-Plug

PREVIOUS SHELL GROUP

Cu-Au in
qtz-veins

Au-Ag Structure

KLIYUL CLAIM

No. 1591 (20 UNITS)

Section of suspected Au-Ag

BEAR CLAIM

No. 51360 (12 UNITS)

CROYDEN ADITS

CROYDEN CREEK

KLIYUL CREEK

Approx. sample sites for
7633 - 7639

3 MILE RADIUS

TECK CORPORATION

VANCOUVER, B.C.

KLIYUL CLAIM

DOMINECA MINING DIVISION, B.C.

SCALE 1:50,000

NTS 94C/SW 94D/8E

1247-PR-2

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