

016220

K.A.
VANCOUVERA. E. X. CORE LOGD.D.H. No. = A-7LOCATION. = 32-8N.
CHAMP G. (CENTRE)ATTITUDE. = VERT.DATE DRILLED: FROM APRIL 27 TO MAY 6th / 74DEPTH - 1207.

DEPTH.	DESCRIPTION	ASSAY					
		Cu	Pb	Zn	Ag	Au	Mo
0-21	Overburden						
21-59	Pale grey-green f.g. laminated chlorite sericite phyllite. Minor pyrite.						
59-65'6"	Pale Qtz-fels mica phyllite which locally contains brown biotite. Locally micro associated with pyrrhotite blebs. Qtz-fels veins with galena at 63-65'6".						
65'6"-69'6"	Broken dark grey-green phyllite. Biotite rich locally.						
69'6"-143'6"	Dark grey-green phyllite. Locally contains pale green chlorite, dark brown biotite. Qtz-fels bands 107-112. Broken between 86'6"-90'. Minor pyrite - pyrrhotite.						
143'6"-161'6"	Black striped mod. graphitic phyllite with laminae of red-brown biotite. Minor pyrite; pyrrhotite in Qtz-fels and chlorite veins. Broken 152'6"-154.						
161'6"-184'	Cone LS; 27-68°; 42-66°; 58-63°; 68-60°; 78-60°; 88-65°; 98-75°; 108-70°; 120-74°; 130-80°; 140-46°; 150-60°; 158-60°.						
184'-207.	Fine grained dark grey mica phyllite. Pale thin Qtz-fels bands locally. Chlorite rich. Minor pyrite kink banded.						
207-221	Same dark grey phyllite with Qtz-dark brown biotite veins. Locally more graphitic. Minor pyrite - pyrrhotite.						
221-241	Black-dark grey moderately graphitic phyllite. Locally contains green chlorite - biotite. Qtz veins 5-10 cm. Vein at 207 with pyrrhotite, dark brown biotite blebs and pyrite.						
241-246	Dark grey mica phyllite - locally biotite rich. Minor pyrrhotite - pyrite - cpy.						
246-259	Paler Qtz-fels biotite rich phyllite. Buff carb? clay veins. Qtz veins with pyrrhotite, pyrite - biotite?						
259-273	Darker grey moderately graphitic phyllite. Minor pyrrhotite - pyrite.						
273-293	Dark grey to brownish biotite rich phyllite. Red brown biotite laminae. Minor pyrite. Carb. veins.						

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DEPTH.	DESCRIPTION	ASSAY.					
		Cu	Pb	Zn	Ag	Au	Mo
273-292	Dark grey to black, locally paler, qtz-fels mica phyllite. Minor pyrite; pyrrhotite veins; carb. veins. F ₁ isoclinal folds. C.L's: 161-67°; 171-52°; 181-65; 191-67; 201-77; 210-71; 220-69; 230-67; 240-70; 250-71; 260-71; 270-70; 280-76; 290-70;						
292-303'6"	Grey phyllite, red brown biotite bands. Chlorite qtz-veins.						
303'6"-309	Dark grey-black phyllite. More graphitic. Biotite bands. Minor pyrite pyrrhotite.						
309-323'	Grey biotite rich phyllite. Locally chlorite rich. Broken at 314'.						
323-336'	Same grey phyllite with blacker graphitic zones. Red brown biotite green chlorite.						
336-351	Black striped qtz-fels graphitic phyllite. Locally contorted and friable.						
351-369'6"	Lighter grey phyllite. Buff clay stringers; Red brown biotite, green chlorite laminae.						
369'6"-394	Same grey phyllite. Biotite rich at 368', 377', 383'8". Veined, fractured at 390'- Buff clay? Minor pyrite.						
394-397'6"	Same phyllite. 1' recovered.						
397'6"-409'	Darker grey more graphitic phyllite.						
409-425'9"	Grey phyllite. Brown biotite; buff clay? veins; qtz-green chlorite veins; minor pyrite.						
425'9"-430	Darker grey, more graphitic phyllite.						
430-446	Same grey striped phyllite. laminae vary in colour from white to dark grey. Broken at 430-433, 438-442.						

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		Cu	Pb	Zn	Ag	Au	Mo
146-476.	Same grey phyllite. Laminae (5mm-1cm) range in colour from light to dark grey; reddish brown (biotite), green (chlorite). Minor pyrite. Pyrrhotite at 455'6". Broken 449-459, 467.						
176-494	Same phyllite. Chlorite qtz veins; red biotite; minor pyrite, pyrrhotite. F ₁ at high L is F ₂ at 481.						
494-529.	Same phyllite. Bluish grey laminae. Kink banded at 519.						
529-563.	Darker grey striped phyllite. Local pale green-red chlorite-biotite bands. Veins with nail head-spar calcite. Minor pyrrhotite Qtz veins. 553'6"						
563-587.	Grey phyllite similar to above. Pale green chlorite, brown biotite. Qtz veins 566-569; 573-574. Minor pyrrhotite pyrite. Carb veins. Core LS; 300-72°; 310-70°; 320-65°; 330-77°; 340-82°; 350-contorted 0-60°; 360-75°; 370-70°; 380-67°; 390-75°; 400-72°; 420°; 430-70°; 440-68°; 450-61°; 460-60°; 470-70°; 480-85°; 490-75°; 500-75°; 510-75°; 520-77°; 530-75°; 540-80°; 549-25-75°; 560-78°; 570-68°; 580-75°;						
587-601'6"	Same grey phyllite with red brown biotite (598-601'6") and pale green chlorite. Minor pyrite. Calcite veins.						
601'6"-609	Pale white sericite chlorite phyllite with disseminated pyrrhotite, fine grained sphalerite? and pyrite.						
609-653	Dark grey phyllite locally biotite rich. Thin black graphitic phyllite zone (640-641'6").						
653-799	Dark grey to black phyllite with red-brown biotite and green chlorite. Locally net vein by at + ... Brecciated at 771-78; 786-911						

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DEPTH.	DESCRIPTION	ASSAY.					
		Cu	Pb	Zn	Ag	Au	Mo
899-803'6"	Chlorite schist (queens tone?).						
803'6"- 906'3"	Black graphitic phyllite which locally (e.g. 862') looks brecciated where veined by qtz-feldspathic material. Note thin chlorite sericite phyllite at 860-62.						
906'3"- 977.	Pale grey-green phyllite. Greenish cast due to chlorite. Locally has bands of red-brown biotite. Qtz veins with green chlorite blebs and layers. Minor pyrite.						
977- 984	Gougey, muddy chlorite rich phyllite cut by buff clay? veins.						
984- 993'6"	Pale green chlorite biotite phyllite with minor pyrrhotite blebs.						
993'6"- 1007.	Paler grey phyllite with thin laminae which vary in colour from white to pale grey. Less chlorite rich.						
1007- 1020	Fine grained pale grey-green chlorite biotite phyllite with red-brown biotite bands. Minor pyrite.						
1020- 1027	Coarser grained grey-green chlorite biotite phyllite which looks mottled at 1020-24'. Minor pyrrhotite.						
1027- 1058.	Pale grey phyllite with brown biotite and green chlorite bands. Qtz veins with chlorite.						
1058- 1070'6"	Darker grey phyllite - brown biotite; minor chlorite. Qtz-chlorite veins.						
070'6"- 1087'9"	Pale grey-green laminated phyllite with chlorite and brown biotite. Veins of qtz and pink feldspar.						
1087'9"- 1110	Same phyllite. Dark brown biotite bands near qtz veins. Brecciated at 1097'6"						

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		Cu	Pb	Zn	Ag	Au	Mo
110-1137'6"	Same laminated grey-green phyllite with conspicuous brown biotite. Minor pyrrhotite at 1117. Qtz (1' wide) with minor pyrrhotite.						
1137'6"-1150.	Same grey-green phyllite with F ₁ folds which have excellent F ₂ axial plane cleavage.						
1150-1207.	Same phyllite locally rich in red-brown biotite. Greenish cast due to chlorite. Laminae vary in colour from white to blue-grey to brown (biotite).						
	<p>Core L's: 560 - 37°; 582 - 85°; 600 - 84°; 620 - 86°; 640 - 75°; 660 - 85°; 680 - 76° F₁ high L's to F₂ - opp dip; 700 - 80°; 720 - 80°; 740 - 78°; 760 - 84°; 780 - 85°; 788 - 26°; 800 - 82°; 820 - 86°; 840 - 88°; 860 - 89°; 850 - F₁ layers = 50°; 880 - 76°; 900 - 77°; 920 - 76°; 940 - 78°; 960 - 78°; 987 - 70°; 1000 - 70°; 1020 - 65°; 1040 - 78°; 1060 - 82°; 1080 - 82°; 1100 - 80°; 1120 - 82°; 1140 - 81° - F₁ folds dip 75-52° in opp direction to F₂ ; 1160 - 86°; 1180 - 82°; 1200 - 79.</p>						