016215

DIAMOND DRILL RECORD

LOGGED BY STANLEY B. REAMSBOTTOM D.D.H. Nº 76-1 PAGE 1

PROPERTY VANGORDA MINES (Drilled by C.N.R.)

LATITUDE 8S STARTED JULY 7, 1976

DEPARTURE 52E COMPLETED JULY 18, 1976

ELEVATION 3710' PROPOSED DEPTH 1000+

ULTIMATE DEPTH 1396 ft.

HOLE SURVEY:		
DEPTH	BEARING	DIP
0		- 90°

CLAIM Nº Rocky 8

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	40 ft.	OVERBURDEN													
40	102	GREY-GREENISH QU-SERICITE-CU PHYLLITE													
		From 40-60' rock broken, rusty oxidized. Thin (0.5-2cm) qu.													
		veins with po, leafy pyrite. Thin talc-ch meta volc lens at													
		85-86 feet. F_2 dominant.													
		CA: 40=F_2 80, 60=F_2 80, 80=F_2=75, 100=55°													
102	106	PALE WHITE-GREEN TALCY-CH META GREENSTONE													
		Note relict plagioclase phenoxts.													
106	172	GREY-GREENISH QU-CH-SERICITE PHYLLITE													
		Same as above. Blebs and stringer of po throughout. Thin													
		(1-3mm) veins of white cc. Some white qu-carbonate laminae.													
		Coarser po veinlets at 145-55. F_2 dominant.													
		CA: 120=78, 140=70, 160=F=70													
172	250	GRADES TO WHITER QUARTZ-SERICITE-CHLORITE PHYLLITE	95-98%												

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Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Rock looks paler more bleached due to increase in qu-muscovite													
		content. Po locally 2% conc. in F_1 laminae. EX 172-182													
		contorted fold nose zone with Po laminae. Note CPY assoc													
		with Po. Note Striped purplish-green cc-bi?-Ch-Ser.													
		Calc-silicate bands 198-205; 210-213. Note stringers of													
		Sph assoc with qu-cc vein at 245'.													
		CA: 180=83 F_2 200=60, 220=70, F_1 sub-v, 240=F_1=66, F_2 79.													
		opp dip.													
250	577	DARK GREY QUARTZ-SERICITE-(Chlorite) PHYLLITE	95-99%												
		Thin striped white qu laminae alternate with dark grey													
		sericitic laminae. Ch-laminae locally abundant, often in													
		close assoc. with white qu-veins. Stringers and blebs of Po													
		throughout section. Note 493-516, thin black graphitic													
		phyllite unit. Minor cpy, py, po. White qu vein 410-416.													
		CA: 260-76, 280=74, 300=67, 320=60, 340=60, 760=F_1 65, F_2 67													
577	838	BLACK STRIPED QUARTZ-GRAPHITIC PHYLLITE	95-98%												
		Unit locally (ex 600-630) is less graphitic than normal Ch													
		is also locally present, often heavy qu-veins. Rock folded,													
		net-veined by white cc between 690-670. Tiny xtals of													

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		SPHALERITE in quartz-veins at 684. Note also minor biotite xtals in this zone. Blebs and stringers of po and py throughout section. Arsenopy in qu-vein at 753. Note unit richer in graphite from 740 on. Po conc. in F_1 laminae which have been folded at 772'. Py in broken-up graphitic phyllite 833-838. F_2 dominant throughout section.													
		CA: 580=F_1 33, F_2 65, 600=F_2 66; 620=F_2=70, F_3 ? 54?, 640=F_2 76, F_2 33, Note 600-640 zone with high angle strain-slip foliation. Is this F_1 or F_3? Problematic foliations. 660=F_1,F_3 45, F_1 F_2 81? 680=60, 700=F_1 folded, F_2 60°, 720= 66, foldnose at 739; 760=47, F_1 F_2; 780=66, 800=75, 820=70F_2, F_1 sub-vertical.													
838	873	DARK-MED GREEN SCHISTOSE META-VOLC? GREENSTONE UNITS INTER-CALATED WITH STRIPPED GRAPHITIC PHYLLITE Note greenstone has relict po xtals altered to cc. Blebs of Po throughout. CA: 840=62, 860=70.	95-98												
873	919	GREY-GREENISH QUARTZ-SERICITE PHYLLITE Blebs, stringers of Po. Qu-ch veins. CA: 880=52, 900=85, 920=58.	98												

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Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
919	930	GREEN-BROWN QU-CH-BIO PHYLLITE	98												
		Ch-rich laminae alt. with purplish-brown biotite-rich laminae.													
		Po in thin tension gashes. CA: 930=65.													
930	982	GREY GREENISH QUARTZ-SERICITE-CHLORITE PHYLLITE ± BIOTITE.	99												
		Local development of brown bio, at 942'; 960.5'													
		CA: 940=60, 960=68, 980=70.													
982	1009	GREEN BROWN QUARTZ-CHLORITE-BIOTITE PHYLLITE	98												
		Blebs, stringers of po in and transverse to foliation.													
		Quartz-chlorite veins; cc veins. CA: 1000=76.													
1009	1053	GREY-GREENISH QUARTZ-CHL-SERICITE ± BIO. PHYLLITE.													
		Rock locally quite rich in ch with some lustrous slicks.													
		Posibly meta-tuff parting. Biotite occurs sporadically													
		through unit ex. 1036 : Note above greenstone slicks quite													
		limy. CA: 1020=67, 1040=70.													
1053	1113	DARK GREEN TALC-CHL-SCHIST. META VOLCANIC OR TUFF.													
		Rock locally green zones which may have radiate fibrous													
		acti nolite (or ch after actinolite). Note also small knots													
		of white talc. Biotite occurs sporadically in unit.													

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		GARNET at 1099' (Alb-ep amphibolite facis?) Note F_2 folds													
		1050-1060. F_2 dominant. CA: 1060=72, 1080=65.													
1111	1388	PURPLISH-BROWN-GREEN AND WHITE STRIPPED CALC-SILICATE SCHIST													
		Irregularily banded schistose calc. Silicate composed of													
		white-cc bands (0.5 to several cms) alternating with purplish													
		brown phlogopite? mica-rich bands with associated dark-grn.													
		(emerald) chlorite and local paler green bands with xtalline													
		rosettes of tremolite-actinolite. Local pale-green xtals of													
		diopside? May also be present. Small-scale F_2 folds are													
		present but dominant structural feature in boudinaged													
		purplish-brown biotite rich layers in calcitic matrix. Rock													
		has been subjected dominantly to tensional-stress-possibly													
		way out on limb of major fold? Note pervasive dissemination													
		of pyrrhotite with less py and cpy throughout unit. Sulphide													
		also occupy late tensional fractures in association with cc-													
		qu.													
1388	1396	NO CORE RECOVERED						Boudinage-texture common							
		CA: 1120=80, 1140=65, 1160=75-rock gouged, 1180=75, 1200=60,						throughout section. So-possibly							
		1220=85, 1240=79, 1260=85, 1280=70, 1300=85, 1320=80, 1340=66						on major fold limb.							
		1360=45, 1380=75.													

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Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	1396	END OF HOLE													
		Rods-snapped 500' from bottom. Failed to retrieve them.													