

USBORAX
EXPLORATION

DIAMOND DRILL HOLE LOG

PROPERTY *HAND CAMP* LOCATION *GREEN BAY DIST (NFLD)*
NTS # *12H-8* HOLE NO. *H2-83-1*

ELEVATION DIP *-50° @ 115° Az* STARTED *SEPT. 12/83*
LOGGED BY..... *W Burton* CORE *NQ* COMPLETED *SEPT 18/83*
GRID CO-ORDINATES. *LINE 11 NORTH : 2+15 E* CONTRACTOR *PETRO...*

FOOTAGE		DESCRIPTION	HOLE NO HZ-83-1
from	to		PAGE ONE
0	20	Casing.	ASSAYS
20	520	Mafic Volcanics - grey green, fine to medium grained, flows and fragmental units probable within this section. Strong quartz/epidote alteration throughout section (especially 500 to 520)	
520	620	Mineralized Section - Predominantly Tuffaceous Volcanics.	ASSAY RESULTS
		520 - 520.5 light to dark grey, bedded, silicified, brecciated, epidotized tuff.	FOR THIS MINERALIZED SECTION APPEAR AS
		520.5 - 523.0 light to medium grey silicified tuffaceous sinter, (fine laminated stratiform quartz)	<u>APPENDIX 6.</u>
		520.5 - 522 10% pyrite as disseminations along bedding planes. Minor epidote.	
		523.0 - 527.1 blue grey silicified tuff, schistose, cleavage and bedding nearly parallel @ 70° to core axis. Scat traces pyrite. Trace chalcopyrite.	

FOOTAGE		DESCRIPTION	HOLE NO <i>HZ-83-1</i>
from	to		PAGE <i>TWO</i>
		Mineralized Section cont'd.	
	527.1 - 536	dark grey tuff breccia, silicified, sericitic schistose, brecciated sinter zones, orange-brown siliceous sinter. Approximately 15% pyrite as disseminations along bedding planes. <u>529-530</u> ~ 35% sulfide mineralization (25% pyrite; 10% galena; traces sphalerite and chalcopyrite) Bedding @ 45° to C.A.	
	536.0 - 548.2	white to brown (mottled) sugrosic textured felsic volcanic? stockwork alteration producing mottled effect. Strongly tuffaceous to base with increasing pyrite 536-541 - 5% pyrite 541-548.2 - 10% pyrite Scattered traces of sphalerite, galena and chalcopyrite. Pyrite as fine grained knots, beds and fracture fillings.	
	548.2 - 551	dark grey, siliceous tuff, 80% tuff matrix with 20% siliceous pods. minor green sericitic alteration. average 7% pyrite.	

FOOTAGE		DESCRIPTION	HOLE NO <i>HZ-83-1</i>
from	to		PAGE <i>THREE</i>
		Mineralized Section Cont'd,	
	551 - 557.2	light grey tuffaceous chert (10-20% tuff matrix) light grey to brown siliceous patches. Approx. 8% pyrite predominantly as fine grained along bedding planes. 555.5 to 557.0 shattered and resilicified zone.	
	557.2 - 566.0	Similar to 527-536 section with less fragmental appearance. Dark grey to brown siliceous tuff, schistose 5% pyrite. 15-20% white siliceous knots, boudined along schistosity. Bedding and schistosity 45° to C.A. 565 - finely disseminated sphalerite.	
	566.0 - 569.0	Sand seam, medium grained equigranular quartz sand with abundant sulfides (~10%). (sand filled fault zone?)	
	569.0 - 600.2	grey to red brown siliceous tuff, scattered grey quartz knots, 1" to 6", Average 4% pyrite. Traces galena, sphalerite, chalcopyrite. (585-586 - 10% pyrite)	

FOOTAGE		DESCRIPTION	HOLE NO H/2-83-1
from	to		PAGE FOUR
		569.0 - 600.2 cont'd. - minor quartz/epidote alteration, small (3-4mm) carbonate spherules at 594.	
		600.2 - 605.2 strongly siliceous zone (20% tuffaceous material), 10% pyrite. Scat. traces shales of sphalerite (yellow-orange) at 602 ft. (Siliceous exhalite zone)	
		605.2 - 606.5 dark green-grey siliceous tuff, schistose, 1% pyrite.	
		606.5 - 620 light green-grey siliceous tuff, grading into massive medium grey tuffaceous greywacke. Minor quartz. 1% pyrite, schistose, crenulated cleavage @ 75° to core axis.	
620	628.5	Transition Zone - mixed dark grey tuffaceous sediments. with minor mafic volcanic? lenses. Strongly magnetic band. 628 - 628.4.	

FOOTAGE		DESCRIPTION	HOLE NO H2-83-1
from	to		PAGE FIVE
628.5	630	CAVE (no core returned)	
630	641.3	Tuffaceous Sediments - dark green-grey, narrow scattered silicified bands 3-10 mm., bedding 20° - 30° to core axis, quartz filled tension fractures. scattered silicified zones, strong magnetic zones at 634-635, 641 (+pyrite), 641.	
641.3	650	Mafic Volcanic (Intrusive?) - medium green-grey, fine to coarsely crystalline feldsparphiric gabbro? Relatively fresh appearance, scattered quartz/epidote veining, strong gtz/epi/chlorite at 648-650. 650 E.O.H.	