

NiMo PROJECT

PROPERTY: Rich

<u>Easting</u>	<u>Northing</u>	<u>Elev.</u>	<u>Depth (m)</u>
443936	7357825		94.49

HOLE: RI07-12

Contractor: North Star
Drill: MD-002

Core size:	BTW	
Casing depth:	15.24 (m)	out

Drilling dates: July 27 to 30, 2007

Logged by: D. MacDonald

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	070°	-60°	compass				

Target: _____

[illegible]

SAMPLES
Numbers: C488264 - C488286 C488292 - C488293 Total: 23 Date sent: August 12, 2007

COMMENTS
Additional sulphide layer identified during splitting, two samples inserted into sequence.

PROPERTY: RICH

HOLE: RI07-12

Struct.		LITHOLOGY							ALT.		MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
		REC		RQD		Weathering		Hardness															Frequency	Attitude	Shape	Roughness	Infilling							
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:		Ca	Sx	Fe	From (m)	To (m)	Interval (m)	Sample	Ni (ppm)	Zn (ppm)	Mo (ppm)	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent							
		0.00	15.24	15.24	OVB				0 - 15.24 m Overburden																									

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Struct.		LITHOLOGY								ALT.		MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier				Ca	Sx	Fe	From (m)	To (m)	Interval (m)	Sample	Ni (ppm)	Zn (ppm)	Mo (ppm)	From (m)	To (m)	Intvl. (m)		REC	RQD					Frequency	Attitude	Shape	Roughness
Type	Attitude								Notes:															(m)	Percent	(m)	Percent	Weathering	Hardness						
BD	80-75				SHL	DME	LA	BK	49.58 - 54.59 m 3rd coarsening downward cycle (BK SHL to GY sandy SLT); Finely laminar BK-GY SHL interbedded with GY siliceous SLT (up to 30 cm thick, graded beds with gradational upper contacts) and rare, calcareous GY SLT beds up to 8 cm thick; rare, disseminated vfg flakes of Py in last 2 m of interval.	w		+	+																						
																					51.82	54.87	3.05	3.02	99	1.28	42	FR	MS		10	80	2	2	ALS
BD	80				SHL	DME	LA	BK	54.59 - 57.75 m 4th coarsening downward cycle (BK-GY SHL to GY fg-mg SS); finely laminar BK SHL interbedded with common GY siliceous SLT to sandy SLT beds ~8 cm thick; rare calcareous GY SLT beds with rare X-stratification; sharp, erosional lower contact	w		+									54.87	57.91	3.04	3.06	101	1.04	34	FR	MS		11	80	2	2	ALS
BD	80				SHL	DME	LA	BK	cycle; Sharp upper contact (erosional scour) into finely laminar BK SHL interbedded with abundant GY siliceous SLT beds up to several cm thick, and with v rare laminar GY silty LST; interval ends in mg-cg siliceous SS.	w		+									57.91	60.93	3.02	3.04	101	0.56	19	FR	MS		18	80	2	2	ALS
																					60.93	64.01	3.08	3.09	100	0.56	18	FR	MS		18	80	2	2	ALS
																					64.01	67.06	3.05	3.07	101	1.35	44	FR	MS		9	80	2	2	ALS
BD	85				SHL	DME	LA	BK	65.24 - 69.09 m 6th coarsening downward cycle; Moderately finely laminar, flat-bedded BK SHL interbedded with GY siliceous SLT (almost fg silty SS) beds up to 20 cm thick; rare Sx (Py) bands (1 - 2 mm thick); grainsize increases to fg SS at end of interval; sharp upper contact.	w		+																							
																					67.06	70.10	3.04	3.06	101	1.39	46	FR	MS		10	80	2	2	ALS
BD	85				SHL	DME	LA	BK	69.09 - 83.12 m 7th coarsening downward cycle; interval starts with finely laminar BK SHL interbedded with GY silty LST beds (uncommon, up to 20 cm thick; uncommon Py lenses parallel to bedding (3mm x 2 cm); almost no veinlets in this interval; gradational lower and upper contacts (5 cm)	w		+	+		82.72	82.74	0.02	C488292	3.04%	0.32%	1270														
														82.74	83.12	0.38	C488293	3900	1030	264	70.10	73.15	3.05	2.93	96	1.75	57	FR	MS		7	80	2	2	ALS
																					73.15	76.20	3.05	3.00	98	1.17	38	FR	MS		9	80	2	2	ALS
														72.25	73.75	1.50	C488264	123.0	1010	39.7															
														73.75	75.25	1.50	C488265	117.5	529	43.9															
														75.25	76.25	1.00	C488266	164.5	698	44.5	76.20	79.25	3.05	2.60	85	0.50	16	FR	MS		20	80	2	2	ALS
														76.25	77.25	1.00	C488267	169.5	309	46.1															
														77.25	78.25	1.00	C488268	132.0	218	37.9															
														78.25	78.75	0.50	C488269	96.5	146	32.4	79.25	82.30	3.05	0.28	9	0.00	0	FR	MS		20	80	2	2	ALS
														78.75	79.25	0.50	C488270	137.5	171	46.1															
														79.25	82.60	3.35	C488271	133.0	347	36.9															
									79.25 TO 82.60 poor recovery (30 cm)																										

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