

NiMo PROJECT

PROPERTY: RICH

HOLE: RI07-05

<u>Easting</u>	<u>Northing</u>	<u>Elev.</u>	<u>Depth (m)</u>
444169	7356993	614	201.17

Contractor: North Star
Drill: MD-002

[illegible]

Core size: BTW
Casing depth: 9.14 (m) out

Drilling dates: July 19 to 21, 2007

Logged by: D. MacDonald

Target:

[illegible]

SAMPLES
Numbers: C385566 - C385582
Total: 17
Date sent: August 2, 2007

COMMENTS	

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Struct.		LITHOLOGY							Notes:	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		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling			
Type	Altitude																								(m)	Percent	(m)	Percent											
		0.00	6.69	6.69	OVB																																		
BD	80	6.69	152.56	145.87	SHL	DME	FX	BK	6.69 - 27.68 m Highly fissile and friable, finely laminar BK SHL, strongly altered physically, with common limonite staining on fracture surfaces over first 7 m and becoming less common until about the 21 m mark; @ 21+ m, white, vfg, powdery alteration product common on fracture surfaces; rare 30 cm thick zones v highly altered and clay-rich BK SHL that breaks up easily in the hand.	s				+											8.69	9.14	0.45	0.45	100	0.00	0	MW	VW	30	90	3	2	Li	
																									9.14	12.19	3.05	1.91	63	0.00	0	MW	VW	30	90	3	2	Li	
																									12.19	15.24	3.05	1.61	53	0.00	0	MW	VW	30	90	2	2	Li	
																									15.24	18.28	3.04	0.93	31	0.00	0	MW	W	30	90	2	2	GYP	
																									18.28	21.35	3.07	2.18	71	0.00	0	MW	W	30	90	2	2	GYP	
																									21.35	24.38	3.03	0.54	18	0.00	0	SW	MS	30	90	2	2	GYP	
																									24.38	27.43	3.05	1.34	44	0.00	0	SW	MS	30	90	2	2	GYP	
BD	85				SHL	DME	LA	BK	27.68 - 85.60 m In general, finely laminar, moderately fissile, flat-bedded BK SHL that increases in hardness and competence relative to the BK SHL in the previous interval (specifics to follow at appropriate intervals); rare-to-uncommon, finely laminar, thin GY LST interbedded with BK SHL, and are silty to vfg SS and fine upwards generally; rare, high-angle calcite + quartz-rich veinlets, and rare calcite veinlets parallel to BD; uncommon Sx blebs (1 - 2 mm wide) and bands (up to 2 mm wide) rare at top of interval and becoming more common with depth; uncommon-to-common GY siliceous silts interbedded with BK SHL, and said silts increase in grain size with depth; sulfides (Py) that are common in blebs/small lenses are fg - vfg crystalline.	w			+	+												27.43	30.48	3.05	1.45	48	0.00	0	FR	MS	20	90	2	2	GYP
																									30.48	33.53	3.05	1.76	58	0.00	0	FR	MS	20	80	2	2	GYP	
																									33.53	36.58	3.05	2.87	94	0.00	0	FR	MS	20	80	2	2	GYP	
																									36.58	39.62	3.04	2.53	83	0.33	11	FR	MS	15	80	2	2	GYP	
																									39.62	42.67	3.05	2.93	96	0.00	0	FR	MS	15	80	2	2	GYP	
																									42.67	45.72	3.05	2.69	88	0.00	0	FR	MS	12	80	2	2	GYP	
																									45.72	48.77	3.05	3.05	100	0.10	3	FR	MS	15	80	2	2	ALS	
																									48.77	51.82	3.05	2.86	94	0.30	10	FR	MS	20	80	2	2	ALS	
																									51.82	54.87	3.05	3.09	101	0.14	5	FR	MS	17	80	2	2	ALS	
																									54.87	57.91	3.04	2.94	97	0.41	13	FR	S	18	80	2	2	GYP	
																									57.91	60.93	3.02	3.08	102	0.56	19	FR	S	15	80	2	2	GYP	
																									60.93	64.01	3.08	2.89	94	0.36	12	FR	S	15	80	2	2	ALS	
																									64.01	67.06	3.05	3.03	99	0.40	13	FR	MS	15	80	2	2	GYP	
																									67.06	70.10	3.04	2.93	96	0.84	28	FR	MS	12	80	2	2	GYP	

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