

NiMo PROJECT

PROPERTY: Fox

HOLE: FX07-04

<u>Easting</u>	<u>Northing</u>	<u>Elev.</u>	<u>Depth (m)</u>
442940	7424258	581	76.20

Contractor: North Star
Drill: MD-002

Core size:	BTW	
Casing depth:	12.19 (m)	out

Drilling dates: September 2 to 3, 2007

Logged by: J. Lane

Target: _____

[illegible][illegible]

SAMPLES	
Numbers: G087049 - G087054	
Total: 6	
Date sent: September 5, 2007	

COMMENTS	

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Struct.		LITHOLOGY								ALT.		MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS											
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier				car				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							Notes:																	(m)	Percent	(m)	Percent														
		0.00	6.03	6.03	OVb																																					
BD FX	80 5	6.03	23.01	16.98	SHL	DME	FG	BK	Fine grained, slightly soft (can just scratch with a nail) black shale. The core is somewhat fissile breaking into 1-5cm pieces. In general the core does not fizz but does contain thin medium grey carbonate bands 1-3cm thick spaces 50-75cm apart.			w										6.10	9.14	3.04	0.15	5	0.00	0	S	MS	>15	M	3	3	als							
																						9.14	12.19	3.05	1.95	64	0.00	0	FR	MS	>15	80	2	2	als							
																						12.19	15.24	3.05	2.47	81	0.11	0	FR	MS	>15	80	2	2	als							
																						15.24	18.28	3.04	3.01	99	0.99	0	FR	MS	>15	80	2	2	als							
																						18.28	21.35	3.07	3.06	100	1.22	0	FR	MS	13	80	2	2	als							
																						21.35	24.38	3.03	2.98	98	1.53	0	FR	S	11	5	2	3	als							
		23.01	67.06	44.05	SHL	DME	FG	BK	Slightly more competent (~ 7-15cm pieces) black shale that also appears to be quite hard (can not scratch with a nail). The rock is in general non-carbonaceous although it contains some 1-2cm light grey carbonate horizons along with very thin 1mm indistinct carbonate beds with in the shale that fizz. They are very slightly lighter in colour than the shale and occur every 10-15cm. Also begin to see trace 1mm thick pyrite beds parallel to bedding occurring every roughly 30-50cm.														24.38	27.43	3.05	3.09	101	1.60	0	FR	S	9	5	2	3	als						
																						27.43	30.48	3.05	3.01	99	1.97	0	FR	S	6	5	2	2	als							
																						30.48	33.53	3.05	3.11	102	2.58	0	FR	S	4	5	2	2	als							
		35.52	52.15	16.63	SHL	OSR	FG	BK	Rock is now becoming moderately carbonaceous. There is a slight increase in competency around 43m where you start seeing 30-40cm pieces of core. The core is still very hard and contains medium grey carbonaceous horizons. Also still see thin pyrite beds 1mm thick. There don't appear to be any carbonate veinlets through the core. The rock becomes strongly carbonaceous at 41.53m. While the other characteristics remain the same.														33.52	34.52	1.00	G087049	251	2820	74.5													
																						34.52	35.52	1.00	G087050	260	3030	78.6	33.53	36.58	3.05	3.02	99	1.76	1	FR	S	7	5	2	2	car
																						35.52	35.71	0.19	G087051	224	2860	62.5														
																						35.71	36.71	1.00	G087052	282	3750	88.1														
																						36.71	37.71	1.00	G087053	271	3470	87.3	36.58	39.62	3.04	3.06	101	2.32	1	FR	S	4	5	2	2	car
																						BLANK				G087054	2.3	27	0.73													
																						39.62	42.67	3.05	2.95	97	1.61	1	FR	S	8	5	3	3	car							
																						42.67	45.72	3.05	3.08	101	2.05	0	FR	S	4	5	2	3	car							
																						45.72	48.77	3.05	3.03	99	2.33	0	FR	S	4	5	2	2	car							
																						48.77	51.82	3.05	2.69	88	1.07	1	FR	S	10	75	3	2	car							
																						51.82	54.87	3.05	3.05	100	1.85	0	FR	S	7	5	2	2	als							
		52.15	67.06	14.91	SHL	OSR	FG	BK	The rock has become only slightly carbonaceous also it appears to be slightly less competent while it is still very hard. It still contains med grey carbonaceous horizons a few cm. Thick and it still contains thin (1mm) pyrite laminar. Also the black shale contains very bark grey in colour and spaced 10-15 cm apart.													54.87	57.91	3.04	3.11	102	2.19	0	FR	S	5	5	3	3	als							
																						57.91	60.93	3.02	2.68	89	1.21	1	FR	S	6	80	2	2	als							

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