

## NiMo PROJECT

**PROPERTY:** Fox

**HOLE: FX07-02**

<u>Easting</u>	<u>Northing</u>	<u>Elev.</u>	<u>Depth (m)</u>
442197	7420757	549	106.68

Contractor: North Star  
Drill: MD-002

Core size:	BTW	
Casing depth:	13.72 (m)	out

Drilling dates: August 29 to 31, 2007

Logged by: J. Lane

Target: \_\_\_\_\_

<b>SURVEY</b>							
<b>Depth (m)</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Method</b>	<b>Depth (m)</b>	<b>Azimuth</b>	<b>Dip</b>	<b>Method</b>
collar	110°	-75°	compass				

[illegible]

SAMPLES
Numbers: G087036 - G087040
Total: 5
Date sent: Septemer 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		Notes:	lim	als	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	Attitude																							(m)	Percent	(m)	Percent														
									Moderately hard black shale ( not as organic rich as the above shale has been) The rock appears to be predominatly non-carbonaceous, though there is trace horizons (2%of rock) a few cm thick that wizz very weakly			t										42.67	45.72	3.05	3.03	99	1.15	38	FR	MS	9	80	3	2							
																						45.72	48.77	3.05	3.13	103	2.43	80	FR	MS	7	80	3	2							
									Broken surfaces at 47.55 have a glittery appearance in the sun. There are now visible sulfides thought. The remainder of the fractured surfaces show white aluminosilicate powder.		m											48.77	51.82	3.05	3.11	102	2.26	74	FR	W	6	80	2	2							
																						51.82	54.56	2.74	3.10	113	2.91	106	FR	W	6	80	3	2							
																						54.86	57.91	3.05	3.05	100	1.34	44	FR	MS	10	80	3	2							
																						57.91	60.96	3.05	3.04	100	1.71	56	FR	W	13	80	3	2							
									59.82- First appearance of quartz in a series of 1-5mm veinlets running roughly 5 deg to ca. In general it is very hard.																																
									At 60.70-60.71 there appears to be a milky clear soft material ( gypsum?). It is quite soft and has weak limonite alteration . This gypsum floods into the core from 60.96-61.27, the surrounding rock isquite hard, but looks somewhat vuggy and altered.		w											60.96	64.01	3.05	6.97	229	2.10	69	FR	W	6	80	3	2							
																						64.01	67.06	3.05	2.97	97	0.37	12	FR	W	30	m	3	2							
																						66.30	67.30	1.00	G087036	184.5	39	69.5													
									Difficult to determine but may be the possible contact. The rock becomes much less organic rich in appearance. It becomes a medium to dark grey in colour, also the rock gradually becomes very hard- not being scratched by a nail. There are no sulfides visible in the core (nor has there been any up to this point)													67.30	68.30	1.00	G087037	366.0	323	83.9	67.06	70.10	3.04	3.01	99	1.88	62	FR	MS	12	80	3	2
																						68.30	68.50	0.20	G087038	478.0	113	75.1													
																						68.50	69.50	1.00	G087039	519.0	2330	67.2													
									At 70.10-70.28m carbonate floods into the core. It is much softer than the surrounding rock.													69.50	70.50	1.00	G087040	427.0	1780	36.7	70.10	73.15	3.05	3.07	101	1.80	59	FR	S	10	75	2	2
									At this point the core becomes slightly lighter in colour and becomes moderately to strongly carbonaceous. Thin (<1mm) white carbonate stringers occur 15-30 deg to ca.		ms																														
																						73.15	76.20	3.05	3.06	100	2.13	70	FR	S	7	75	2	2							
									From 76.05-roughly 78.40 there is trace to no reaction to acid			t																													
									From 78.40 to 93.18 the core is quite uniform with moderate reaction to acid.													76.20	79.25	3.05	3.17	104	1.16	38	FR	S	13	75	2	2							

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Type	Attitude																																			