DIAMOND DRILL CORE LOG

ORM 293

PROJECT/PROSPECT	COLLAR CO-ORDS	RL	AZ	INCL
Marshalls Creek	mN mE	m	270° mag	-60°

CORE LOSS %	DEPTH (m)	SAMPLE LIMITS	UNIT INTERVAL	TEXTURE AND STRUCTURE	GRAPHICAL LOG SCALE 1:250 or 1:	PETROLOGY AND MINERALOGY	THIN, POLISHED SECTION CORE ORIENTATION XRD RQD	DESCRIPTIVE LOG (UNSCALED)
	0				cy-snd			12/10/17
	5		5.4		l.gr	Scy-t	Scy-t - has an internal foliation like the schistose talc displays	Begun coring 3m.
			8.4		l.gr	Scy-t		3-8.4m: Uniform l.grey clay with a minor black flakey component - talc?
	10		11.4		l.gr	Scy-t		8.4-11m: l.grey clay with an increasing black flakey component. Corresponding increase in core loss due to the clays being less compact and washing away.
			14.4		l.gr	Scy-t	Sludge samples taken at 1m intervals	11.4-14.4: Total core loss. Have taken sludge samples from 11.4-17.4m at one metre intervals.
	15		~15		mid br	Ssl		14.4-17.4: Continued core loss. Core becomes mid-brown and sandy siltstone. contains a black flakey component which defines a foliation in the more competant pieces of core at approx. 90° to core angle.
			17.05			Ssl-cy		17.4-17.85: Mid brown-orange competant sand/siltstone containing approx. 25% black flakey material with foliation of 60° to core angle.
	20		20.9	fault gouge F	black	sbs-py-cc	py	17.85-20.4: 15cm of grey sticky clays with sharp irregular contact with siltst 2cm black graphitic, carbonaceous fault gouge - pyrite. (similar to material in MRLD 1 at ~15m)
			22.7		green -purple		py	10cm of l.br.-cream clay. At 20m major problems with silting up of hole during drilling. -had to pull rods to get out core barrell.
			23.4					20.4-22.7 black carbonaceous crushed material with qz-calcite-pyrite At 22.4m - 4cm qz with black cc-chl -laminated appearance.
	25		24.4			Ssl-cb		23.4-24.4 - Total core loss.
			26.1					22.7-26.1 Altered greenish siltstone varying in hardness and lithification from crushed zones at 23m and 26m to silicified zones at 24.6-25m. Minor qz veining throughout.
			27.3					26.1-27.3: Grey purple altered siltstones with crushed clayey zones Alternate green + purple siltstone reflecting primary reduction/oxidation of sedimentary environment.
	30			End of hole 29.80 metres				
				Survey: Azimuth 174° magnetic (Appears to have swung around 90°				
				Dip - 61°				

EXPLORATION DIVISION

LOGGED BY K. Ringwood DATE 22-10-89 HOLE NO MRLD 2 PAGE 1 OF 1