MBD-26

DEPTH	INTERVAL	DEPTH from-to : ROCK UNIT (capital letters, underlined) Depth : Description and notes (indented about 10mm)	POINTER	GRAPHIC LOG	POINTER	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS

FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED), MONOGRAPH No.9 AUSTRALAS INST. MIN. METALL. - 1976

028430

INTERVAL	DEPTH from-to : ROCK UNIT / Depth : Description and notes	MINERALISATION
0-3.5 (3.5)	TRICONE TO 3.5 m - NO CORE	
3.5-10.6 (7.1)	3.5-10.6 DOLOMITE SULPHIDE LODE. Carbonate - qtz with minor talcose alteration and serpentinite	Py, marcasite, minor po trace sp, cp, arseno fluorite. TOTAL 30-40%
10.6-30.4 (19.8)	10.6-30.4 SILICIFIED SILTSTONE AND SILTY SHALE 30° Hard, silicified and greenish grey, brecciated and contorted. Thinly bedded with occasional thin intercalations of talc/serpentinite and grey dolomite. Spare thin quartzite beds near bottom of interval.	Py, sp, po in thin carbonate veinlets up to 3mm. TOTAL: 2-3%. Occasional blebs py, po to 10x6 mm
30.4-33.4 (3.0)	30.4-33.4 DOLOMITE SULPHIDE LODE. 40°	po >> py, fluorite, trace sp, ga TOTAL 40-50%
33.4-45.9 (12.5)	33.4-45.9 SILICIFIED SERICITIC SILTSTONE AND SILTY SHALE 35° As for 10.6-30.4, but dolomite/DSL intercalations and quartzites scarce to absent. 60°	po >> py, blebs to 40x10mm, dissem. Carbonate - fluorite - po - py - qtz veinlets } 3-5%
45.9-47.0 (1.1)	45.9-47.0 DOLOMITE SULPHIDE LODE	Py, fluorite trace po, sp 15-20%
47.0-80.4 (33.4)	47.0-80.4 SILICIFIED SERICITIC SILTSTONE AND SILTY SHALE. As for 33.4-45.9. Finely fractured - yellow clay filled anastomosing fine fractures every few cm. 65.0 → 80.4 Decreased proportion of shaley beds - more massive hard greenish grey siltstones. Gradual Change	Py, po, dissem. and as blebs, some minor carbonate - fluorite - qtz - py veining 1-2%
80.4-120.4 (40.0)	80.4-86.8 MASSIVE SILSTONES AND QUARTZITES Hard silicified quartzose sandstones and siltstones, grey → bluish grey. 86.8-106.6 GREY SILTSTONES, SILTY SHALES AND QUARTZITES. Medium grey quartzose and clay rich siltstones, shales faintly greenish with bluish grey quartzite bands to 0.5m. Brecciated - some thinly bedded with minor disruption. 106.6-120.4 Some siltstone beds are a pinkish brown (tourmalinised?) interbedded with soft greenish siltstones. Some thin dark grey shale laminae near base of interval. Gradual Change	po > py, dissem in more qtzose siltstone and sandstone beds. Some py-qtz-fluorite-carbonate veining TOTAL 3-5%.
120.4-146.6 (26.2)	120.4-146.6 MASSIVE QUARTZOSE SANDSTONES AND SILTSTONES Very hard, pale grey and silicified fine grained quartzite with some thinly bedded siltstone or massive brecciated quartzose siltstone with quartzite bands to 0.75m. Gradual Change	py, po, dissem and in thin stringers } 1-2% Some weak qtz-py-carbonate veining
146.6-160.0 (13.4)	146.6-160.0 INTERBEDDED SILTY SHALES, SILTSTONES and minor PYRITIC BLACK SHALES. Medium grey silty shales, with thin pyritic black shale laminae separated by lighter grey siltstones. Well bedded. Gradual Change	py, as thin bedded laminae, dissem in siltstones and thin veinlets and stringers 3-5%
160.0-178.8 (18.8)	160.0-178.8 SILTSTONES, SILTY SHALES AND QUARTZITES. As for 86.8-106.6.	py > po thin bedded laminae, veinlets and stringers with qtz-carbonate, fluorite-sp-ga Some blebs po to 30x10mm. TOTAL 5%. 176.6-178.8 py, po, dissem, veinlets 15%
178.8-196.15 (17.35)	178.8-196.2 QUARTZ FELSPAR PORPHYRY 75° White f.gr. matrix near margins, faintly greyish in centre Phenocrysts: qtz - rounded grains to 2mm, 10-15% Felspar - creamy white with some weak brownish alteration 7%, variable 2-10%.	py, po, irregular grains and f.gr aggregates 15-20%. Trace sp, weak trace cassiterite, fluorite, tourmaline.
196.2-208.1 (11.9)	196.2-208.1 INTERBEDDED SILTY SHALES, QUARTZOSE SILTSTONES and minor BLACK SHALES WITH PYRITE. As for 146.6-160.0	py, trace po near contact, thinly bedded, dissem. and thin stringers 3-5%.
	END OF HOLE 208.1 m.	

5 cm

AFTER TYPING THIS SIZED FORM WILL BE PHOTO-REDUCED TO A4 SIZE

FIELD COPY - COPY TO BE SENT TO MELBOURNE FOR TYPING

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SUMMARY DRILL LOG
Scale 1:1000, 1:500, 1:250 (when reduced to A4)

Prepared by: G. BROADBENT
Date: 5.3.80

HOLE No. MBD 26
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