

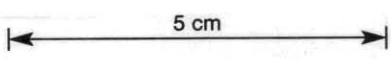
PTH	INTERVAL	DEPTH from-to : ROCK UNIT <small>Depth: Description and notes indented about 10 mm</small>	MINERALISATION	ASSAYS AVAILABLE BULKED ASSAYS
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FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYAL (ED), MONOGRAPH NO. 9 AUSTRALAS INST. MIN. METALL. - 1976

028533

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

0-3.0	TRICONS TO 3.0 m - NO CORE.			
3.0-74.7 (71.7 m)	3.0-74.7 SILTSTONES WITH BLACK SHALES, minor SANDSTONES Dark grey clay rich siltstones, some black and carbonaceous, with minor medium grey quartzose siltstones and thin irregular bands black shale (< 1 cm) Dark grey sandstone beds to 20 cm occur infrequently. 11.2-32.0 Bleached zone with minor faulting. Overall, very brecciated and disrupted - soft sediment disruption? Later fracturing and minor faulting has locally reduced the core to rubble - elsewhere easily broken.	10/a/c	3.0-32.5 py as blebs and thin concentrated laminae (originally bedded?) and also finely dissem. in coarser siltstones and the sandstone beds. Some qtz-carbonate-fluorite-bergschnee? - py-sp-halc veining. TOTAL 3-5%.	
74.7-86.9 (12.2 m)	74.7-86.9 QUARTZ FELSPAR PORPHYRY Matrix creamy coloured or pale grey in central portion. Qtz - rounded or subhedral grains 1-4 mm, 15% Feldspar - yellowish and altered, usually 1-5%, locally 15%	1	Py, marcasite rims, trace fluorite, sp, weak trace cassiterite. Some minor qtz-py-hercynite-sp veining < 5 mm. TOTAL 10-15%.	
86.9-163.0 (56.1)	86.9-163.0 SILTSTONES AND BLACK SHALES. As for 3.0-74.7 m.	10/a/c	86.9-94.6 As for 42-71.0 3-5% 94.6-115 py, thin stringers and veinlets with marcasite and qtz, some finely dissem. TOTAL 2% 115-135 py, marcasite, some rare grains po as blebs, stringers and weakly dissem. Minor qtz-carbonate-fluorite-py-sp-po TOTAL 5% 135-176.5 py, marcasite as blebs and concentrated in siltstone clasts. Sparse dolomite-qtz-py-fluorite-sp veining. TOTAL 2%.	
163.0-176.5 (13.5 m)	163.0-176.5 SILTSTONES AND BLACK SHALES WITH SANDSTONES. As for 3.0-74.7, with the addition of thin sandstone beds, weakly silicified.	10/11/a/c		
176.5-181.5 (11.0 m)	176.5-181.5 FINELY BEDDED SILTSTONES Finely laminated, bedding < 2 mm - clay rich dark grey siltstones, some carbonaceous. Minor concretion, little brecciation.	10/c	176.5-181.5 py finely dissem throughout, sparse stringers and veinlets with qtz, carbonates 3%	
181.5-202.3 (14.8)	181.5-202.3 SILTSTONES AND BLACK SHALES WITH SANDSTONES. Grey argillaceous siltstones with black shale beds (< 2 cm), very well bedded and intercalated with hard grey speckled quartzites to 30 cm. Some minor concretion and disruption.	10/11/a/c	181.5-202.3 Py, dissem in siltstones and some siltstones and as bedded laminae in siltstones and shales. Rare qtz-carbonate-py veinlets TOTAL 2%.	
202.3-208.4 (6.1 m)	202.3-208.4 FINELY BEDDED SILTSTONES As for 176.5-181.5	10/c	Py as blebs to 2 or 3 mm, finely dissem throughout and in small veinlets. TOTAL 2-3%	
208.4-251.0 (42.6)	208.4-251.0 SILTSTONES AND BLACK SHALES WITH SANDSTONES Combinations of grey clay rich siltstone, some medium grey quartzose siltstone, massive quartzose sandstone beds to 2 m and thin black shale beds < 1 cm. Well bedded, only minor brecciation and fracturing.	10/a/c 10/11/a/c 10/a/c	208.4-251 py, dissem in sandstones and siltstones, as thin veinlets and stringers, with occasional qtz, carbonates in veinlets and as thin bedded laminae in siltstones and shales. TOTAL 3-5%, variable 2-7%	



END OF HOLE 251 m.

METALS EXPLORATION LTD. EXPLORATION DEPARTMENT

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

Prepared by: G. BRODAGENT Date: 7/5/80

HOLE No. MSD 44 Sheet of

