

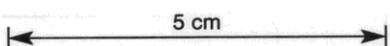
PTH	INTERVAL	DEPTH from-to : ROCK UNIT <small>Depth : Description and notes indented about 10mm</small>	ROSTER	GRAPHIC LOG	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS
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FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYAL (ED),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

028533

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

0	0-3.0	TRICONE TO 3.0m - NO CORE.					
20	3.0-74.7 (71.7m)	<u>3.0-74.7 SILTSTONES WITH BLACK SHALES, minor SANDSTONES</u> Dark grey clay rich siltstones, some black and carbonaceous, with minor medium grey quartzose siltstones and thin irregular bands black shale (< 1cm) 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	3.0-32.8 py as blebs and thin concentrated laminae (originally bedded?) and also finely dissem. in coarser siltstones and the sandstone beds. Some qtz-carbonate-fluorite 'sepechite' -py-sp-halc veining. TOTAL 3-5%.		
40					32.8-42.0 As above, with the addition of trace po as blebs, finely dissem. 42.0-74.7 As for 32.8-42.0, but higher percentage of mineralisation ≈ 7%.		
80	74.7-86.9 (12.2m)	<u>74.7-86.9 QUARTZ FELSPAR PORPHYRY</u> Matrix creamy coloured or pale grey in central portion. Qtz - rounded or subhedral grains 1-4 mm, 15% Felspar - yellowish and altered, usually 1-5%, locally 15%		1	Py, marcasite rims, trace fluorite, sp, weak trace cassiterite. Some minor qtz-py-fluorite-sp veining < 5mm. TOTAL 10-15%.		
100	86.9-163.0 (56.1)	<u>86.9-163.0 SILTSTONES and BLACK SHALES.</u> As for 3.0-74.7 m.		10/a/c	86.9-94.6 As for 42.7-110 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. Some dolomite-qtz-py-fluorite-sp veining. TOTAL 2%.		
160	163.0-176.5 (13.5m)	<u>163.0-176.5 SILTSTONES and BLACK SHALES with SANDSTONES.</u> As for 3.0-74.7, with the addition of thin sandstone beds, weakly silicified.		10/11/a/c			
180	176.5-187.5 (11.0m)	<u>176.5-187.5 FINELY BEDDED SILTSTONES</u> Finely laminated, bedding < 2mm - clay rich dark grey siltstones, some carbonaceous. Minor concretion, little brecciation.		10/c	176.5-187.5 py finely dissem throughout, sparse stringers and veinlets with qtz, carbonates 3%		
200	187.5-202.3 (14.8)	<u>187.5-202.3 SILTSTONES and BLACK SHALES with SANDSTONES.</u> Grey argillaceous siltstones with black shale beds (< 2cm), very well bedded and intercalated with hard grey speckled quartzites to 30 cm. Some minor concretion and disruption.		10/11/a/c	187.5-202.3 Py, dissem in shales and some siltstones and as bedded laminae in siltstones and shales. Rare qtz-carbonate-py veinlets TOTAL 2%.		
210	202.3-208.4 (6.1m)	<u>202.3-208.4 FINELY BEDDED SILTSTONES</u> As for 176.5-187.5		10/c	Py as blebs to 2 or 3mm, finely dissem throughout and in small veinlets. TOTAL 2-3%		
220	208.4-251.0 (42.6)	<u>208.4-251.0 SILTSTONES and BLACK SHALES with SANDSTONES</u> Combinations of grey clay rich siltstone, some medium grey quartzose siltstone, massive quartzose sandstone beds to 2m and thin black shale beds < 1cm. Well bedded, only minor brecciation and fracturing.		10/a/c 10/a/c 11/10/a/c	208.4-251 py, dissem in sandstones and shales, 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 251m.

METALS EXPLORATION LTD.
EXPLORATION DEPARTMENT

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

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

HOLE No. MSD 44
Sheet of