

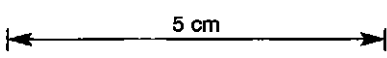
REPORT No.

METALS EXPLORATION LTD.
& SUBSIDIARY COMPANIES



MINERAL EXPLORATION
DIAMOND DRILL LOG

Prospect, area, project or mine. _____		HOLE No. <u>MBD. 61</u>
COLLAR LOCATION		W.C. Bearing from collar _____ magnetic _____ grid (1) _____ grid (2) _____ grid (3) _____ true
Grid name	Rectangular space co-ordinates	
PLANAR CO-ORDINATES		
ELEVATION		
(1) <u>HOUSEGO</u> _____ N _____ E _____		
(2) _____ N _____ E _____		
(3) Aust. Map Grid PRECISE / APPROX.	_____ mE _____ mN _____ mAHD	
1: 250 000 Sheet No.	1: 100 000 Sheet No.	State
Mineral Tenement <u>EL 13/79</u>	Holder <u>METALS EXPLORATION LTD.</u>	
Cadastral location and details CROWN LAND / PRIVATE _____		Inclination at collar <u>60°</u>
Details of down hole location-survey methods. <u>EASTMAN Single</u> <u>Shot Camera</u>		Total length <u>95m</u>
Purpose of drilling and anticipated lengths to targets. <u>Investigation of EM and magnetic anomalies.</u> <u>Anticipated depth of target ~70m vertically.</u>		Commenced: <u> / / </u> Completed: <u>22 / 3 / 81</u>
Results of down hole location-survey.		Drilling contractor <u>LONGYEAR AUST PTY. LTD.</u>
LENGTH FROM COLLAR	W.C BEARING type	Rig type <u>LONGYEAR HC 150</u>
30m	227°	Core size and non-coring (NC)
60m	226°	<u>TRICONE</u> _____ TO _____
90m	225°	<u>NC</u> <u>0.0</u> TO <u>1.0</u>
		<u>NQ</u> <u>1.0</u> TO <u>95.0</u>
		_____ TO _____
		_____ TO _____
		_____ TO _____
		_____ TO _____
Comments on drilling.		Symbols and abbreviations for drilling notes column.
Legend for graphic log column (see drill log for Hole No. _____) 'DERWENT' PENCIL NO. _____ FIELD ROCK NAME, ETC. _____		
LOGGED BY <u>D. COMPSTON</u>	LOGGED BY _____	LOGGED BY _____
FROM _____ TO _____	FROM _____ TO _____	FROM _____ TO _____
DATE <u>23/3/81</u>	DATE _____	DATE _____
Company managing exploration programme <u>METALS EXPLORATION LTD.</u>		HOLE No. <u>MBD 61</u> Log sheet 1 of <u>2</u>

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UNIT CAPITAL LETTERS, UNDERLINED Depth Description and notes, veins over 50mm. INDENTED ABOUT 10mm	FOUNDER R CODE	GRAPHIC LOG	FOUNDER R CODE	MINERALISATION Excluding veins over 50mm. Visual estimate of % mineralisation in brackets.	ASSAYS AVAILABLE	BULKED ASSAYS Sn
0	0-1.0m	0-1.0m TRICONE - NO CORE						
1.0-29.5 (28.5m)	1.0-29.5	<u>BASALT</u> Fine grained dark basalt, with occasional clinopyroxene (augite?) phenocrysts, in matrix of feldspar and cpx. Weakly magnetic in parts. Common small vesicles, rimmed or filled with zeolites and prehnite. These occur as zones, probably reflecting original flows of lava. Zone of altered and leached basalt occur at 17.0-21.1.				No apparent sulphides		
29.5 - 95.0 (65.5m)	29.5-95.0	<u>CARBONACEOUS SHALE, lesser SILTSTONE, minor QUARTZITE</u> Dominantly black slightly carbonaceous shale and siltstone with minor thin quartzite beds. Moderately to strongly disrupted for the most part. Top 7.5m (29.5-37.0) weathered to grey clay-rich material. Occasional thin carbonate veins and stringers occur throughout. Thin pyrite beds occur occasionally (see opposite). These are usually disrupted into irregular fragments ~1cm diameter.			9/c/ 10/11	29.5 pyrite trace as rare veins and stringers and disseminated through siltstone 40.9 pyrite-as occasional disrupted py-rich beds, and rare veins and stringers. 45.1-pyrite-trace disseminated in silt stone and quartzite. 48.8-95.0 pyrite-1-2% disseminated through siltstone and as beds of py-rich siltstone (50%) up to 1.5cm, commonly disrupted into irregular blebs.		
100		HOLE COMPLETED 95.0m						
120								

NOTES: 1. FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED.), MONOGRAPH NO. 9 AUSTRALAS. INST. MIN. METALL. - 1978
2. ATTITUDE OF BEDDING, VEIN, ETC. IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE 3. LENGTH IS GIVEN AS METRES OR MILLIMETRES.

FOR LEGEND
SEE DRAWING
NO



