MBD-33

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

02847.5

DEPTH	INTERVAL	DEPTH from-to : ROCK UNIT (capital letters, underlined) Depth . Description and notes (indented about 10mm)	MINERALISATION
0	~~0-4.4~~ (4.4m)	0-4.4m DOLOMITE SULPHIDE LODE Core recovery poor - 5%. Fragments of pitted and porous residual pyrite with soft black clay in interstices. Some residual qtz grains in sludge sample and sand from core barrel.	Py, residual cellular structure and in sand from core barrel, sludge sample 90% (?)
	~~4.4-30.0~~ (25.6m)	4.4m → 30.0m (end of hole) MASSIVE QUARTZOSE SILTSTONES AND SANDSTONES with THIN SHALE LAMINAE. Medium greys. Bedding defined by thin shale bands (<1cm) 4.4-15.6 Brecciated - soft sediment disruption, followed by extensive fracturing / microfaulting on two sets of planes ÷20° and 30° LCA which reduces the core to rubble. The massive beds have poorly defined bedding - rather featureless. Some are bluish grey and silicified - very hard. 15.6 - 30.0 Rock type identical to above, except that massive siltstone beds have a well defined bedding lamination - clean quartzose siltstones alternating with slightly darker grey siltstones on a scale of <2cm. Bedding 40° → Massive sandstones are featureless, and in intervals 10cm → 2m. Core is not quite so broken - decreased density of fractures, main parting is along shale beds with occasional small puggy fault zones (<10cm) Bedding 35° → and runs of broken core to 0.5m. Bedding 40° → Bedding 80° → Bedding 30° → Bedding 35° →	Py, trace Po, qtz. Finely disseminated in some sandstone beds, and in thin veinlets and stringers with qtz. Po occurs as rare blebs below 15.6m, Py pitted - some removal of material by weathering TOTAL : 1-2%
30		END OF HOLE 30.0m	

5 cm

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

FIELD COPY - COPY TO BE SENT TO MELBOURNE FOR TYPING.

METALS EXPLORATION LTD.
EXPLORATION DEPARTMENT

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

Prepared by: G. BROADBENT
Date: 28-2-80

HOLE No. MBD 33
Sheet of