028499

TRICONE TO 3.0 m – NO CORE.

3.0 – 32.0 THINLY BEDDED SILTSTONES, SHALES minor QUARTZITES

Grey medium hard thinly bedded (1-2cm) quartzose and clay rich siltstones with silty shale laminae (to 5mm). Intervals of siltstone to 5m are separated by hard grey brecciated quartzites, poorly bedded, to 2m.

Well fractured and broken – two sets of intersecting fractures at low angles LCA, combined with a parting along shaley beds. Proportion of shales increases with depth, with some thin bedded pyrite laminae after 17.5m.

Well bedded, with minor disruption and contortion.

10/11/9.

- ← 8.2 Bedding 70°
- ← 11.1 Bedding 55°
- ← 14.8 Bedding 65°
- ← 16.5 Bedding 55°
- ← 19.3 Bedding 65°
- ← 21.9 Bedding 70°
- ← 23.2 Bedding 60°
- ← 25.8 Bedding 60°
- ← 28.3 Bedding 80°
- ← 30.0 Bedding 65°
- ← Gradual Change

Mineralisation: 3.0-17.5 py, finely dissem. and as blebs along small fracture zones, thin veinlets. — 2-3%

Mineralisation: 17.5-32.0 py, dissem as above and in stringers with qtz. Some bedded laminae of py in shale beds. — 3%

32-50.5 SILTSTONES with QUARTZITES

Thinly bedded quartzose siltstones (pale grey, hard) with minor interbedded clay rich siltstones.

Hard grey brecciated quartzites with fine dark dendritic staining about brecciation fractures.

Quartzites to 2.5m thick, divided by short intervals thinly bedded siltstones, minor disruption and soft sediment contortion.

10/11

- ← 33.4 Bedding 55°
- ← 35.4 Bedding 80°
- ← 38.0 35mm ~~veggg~~ py-qtz-marcasite vein, 45°
- ← 38.6 Bedding 70°
- ← 42.4 Bedding 65°
- ← 44.8 Bedding 45°
- ← 47.6 Bedding 65°
- Gradual Change

Mineralisation: 32.0-50.5 py, finely dissem in quartzose siltstones and sandstones, minor thin veinlets and stringers with qtz. — 2-3%

50.5-65.8 THINLY BEDDED SILTSTONES and SHALES

Faintly greenish grey clay rich siltstones with thin shaley beds, interbedded on a 1-2 cm scale with pale grey quartzose siltstones. Some sparse silty shale beds are very dark grey, almost black and carbonaceous.

Sparse thin bedded yellowish clay laminae in shaley intervals – decomposed bedded py?

Well bedded, minor disruption and later fracturing.

10/9

- ← 50.5 Bedding 55°
- ← 53.4 Bedding 55°
- ← 56.8 Bedding 70°
- ← 59.9 Bedding 75°
- ← 62.9 15mm arseno, py vein, 60°
- ← 65.6 Bedding 55°

Mineralisation: 50.5-58.5 py as blebs to 5mm, finely dissem in some siltstone beds and as thin veinlets and stringers. — 3-5%

Mineralisation: 58.5-65.8 py, finely dissem and as thin veinlets and stringers. — 2-3%

65.8-71.06 QUARTZITES with SILTSTONES

See 32-50.5 for description, the quartzites are not so silicified – well fractured and slightly weathered

11/10

- ← 69.2 Bedding 60°
- ← Contact 50°

Mineralisation: 65.8-71.06 py, finely dissem and as thin veinlets and stringers with minor qtz — 2-3%

71.06-72.30 QUARTZ FELSPAR PORPHYRY

Fine grained buff coloured matrix, weakly banded ∠ 60° LCA. Qtz - rounded grains < 3mm, 5-7%; Felspar, altered brownish, < 1mm, 1-2%.

1

- ← Contact 60°

Mineralisation: 71.06-72.30 pitted py, trace sp as fine grained aggregates, irregularly distributed parallel to banding in matrix — 7-10%

72.30-102.4 SILTSTONES with QUARTZITES

Thinly bedded pale grey quartzose siltstones with minor clay rich greenish grey siltstones.

Hard brown grey quartzites to 2m, brecciated and disrupted.

The siltstones gradually acquire a brownish tinge with depth – tourmaline rich?

Minor soft sediment disruption with later fracturing

– some minor 1-2 cm pyggy zones scattered sporadically throughout.

10/11

- ← 73.0 Bedding 70°
- ← 76.4 Bedding 70°
- ← 79.2 Bedding 70°
- ← 82.5 Bedding 75°

Mineralisation: 72.30-102.4 py/marcasite-qtz veinlets and irregular stringers to 5mm. Sparse finely dissem. py. in quartzites. — 3-5%

Depth scale: 0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84

5 cm

DRILL ADVANCE	LOST CORE ZONE	CORE LENGTH RECOVERED	% RECOVERY ESTIMATE — OR —	DEPTH from-to : ROCK UNIT capital letters, underlined Depth : Detailed rock description and notes indented about 15mm	DRILL LOG DEPTH TAG	DEPTH POINTER	GRAPHIC LOG SEE LEGEND ON SHEET 1	DEPTH POINTER	STRUCTURAL AND VEIN INFORMATION ATTITUDE = Angle between feature and LONG CORE AXIS	MINERALISATION	PERCENT MINERALISATION Visual estimate	NOTES

METALS EXPLORATION LIMITED

MINERAL EXPLORATION
DRILL LOG
Scale 1:100

Prospect or project MOUNT BISCHOFF
Logged by G. BROADBENT date 23/3/80

HOLE No. MBD 37
LOG SHEET 2 OF 3
from 0.0 m. to 84.0 m.

Prepared 10/6/80