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70-708

931001

**MICROFILMED**

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COMSTAFF PROPRIETARY LIMITED

MT. BISCHOFF

7A.P/A.M

DIAMOND DRILL HOLES 1-5,8

70-708

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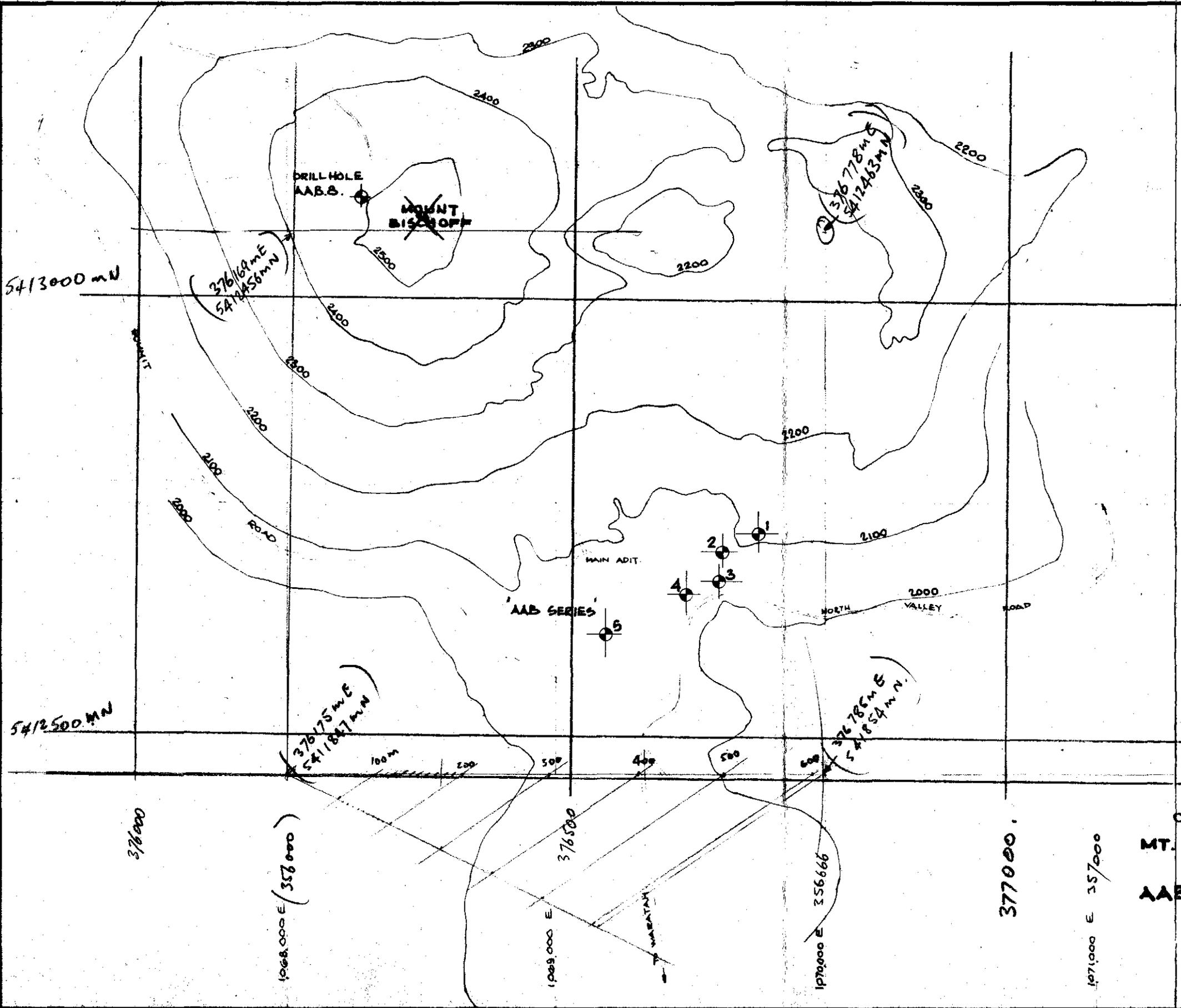
5 cm

931002

898000 2634000 N.

897666 2633000 N.

897333 2632000 N.



COMSTAFF PTY. LTD.  
 MT. BISCHOFF MINE AREA  
 LOCALITY PLAN  
 AAB SERIES DRILLHOLES

1970  
 SCALE: 1 IN. TO 400 FT.

TAS-2-113

70-708

overburden - mixed grey & black shales & dolomite - pyritised.

massive vein of Qtz, pyrite, cassit. & fluorite.  
very broken clayey core - apparently pyritised dolom. breccia.  
massive vein Q. py. cassit.  
v. poor recovery - mostly Q. pyrite w. minor cassit & galena.

v. poor core recovery - mostly porphyry w. dissem. sulphides & Sn O<sub>2</sub>

very poor core recovery - 21 ft. bst. porph. w. py. & pyrrhotite

fine grained grey quartzite

pyritised dolom. brecc. & arg.

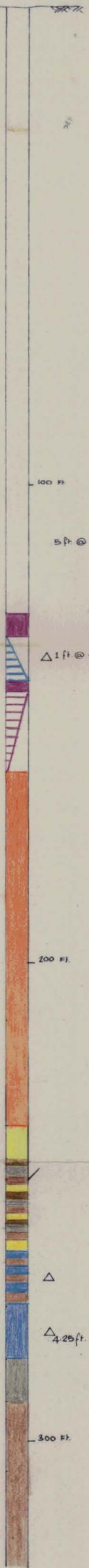
pyritised dolom. brecc.

v. poor core recovery - 10 ft. lost. appears shaley, highly pyritised in part.

greasy black/dark grey argillite

black/dk. grey arg. minor Qtz veining & pyrite.

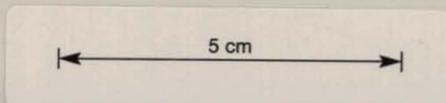
- QUARTZITE
- SILTSTONE
- ARGILLITE
- GREY SHALES
- DARK SHALES
- DOLOMITE
- PORPHYRY
- QUARTZ/SULPHIDES.



DRILLHOLE AAB 1  
 LENGTH 326 FT.  
 VERTICAL  
 DRILLER: A.S. JAMES P/L.  
 DATE : 17-7-70 / 11-8-70  
 GEOLOGIST JFL / HRR.

CORE WIDTH NOT TO SCALE.  
 CORE ORIENTATION UNKNOWN  
 ANGLE OF BEDDING TO CORE AXIS INDICATED ON RIGHT SIDE OF SECTION  
 BRECCIATION SHOWN THUS Δ  
 MINOR VEINS & VEINLETS NOT CALLED UP IN SECTION.

COMSTAFF PTY. LTD.  
 MT. BISCHOFF MINE AREA  
 S.W. DOLOMITE EXTENS.  
 DRILLHOLE AAB 1-SECTION  
 SCALE : 1 IN. to 20 FT.



70-7698  
TAS-2-413

overburden w. fragments of arg. siltst. & dolom. - some pyritic clay.

dolom brecc. replaced dolom/dolomitic arg. replaced & serpentinised dolom.

weathered replaced? dolom. brecc. serpentinised dolom brecc. serpentinised? dolom. brecc.

weathered clayey serpentine broken weathered & clayey? dolom brecc. 5 m/m vein w. Qtz. py. chalcopy. ps. & cassit. v. irreg. vein ditto varies from 4-40 m/m subparallel to core.

2 m/m vein py. cassit. 4 m/m vein py. Qtz. cassit.

dolom brecc. replaced & serpd. 1/2" vein Qtz. sulph. cassit. dolom brecc. almost totally replaced by sulphides.

dolom. brecc. w. sulph. & cassit. veining & replacement.

4" brown clay.

barren

v. fine grained & slightly vuggy & pyritic porphyry.

Q. sulph. - replaced porph.

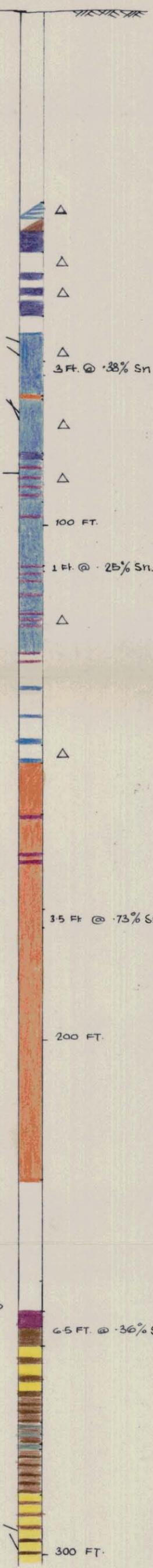
very poor core recovery - mostly med. grained grey pyritic porph. w. some Qtz. cassit.

v. poor core recovery - mostly clay.

v. poor recovery - mostly pyritic sand Q. sulph. minor cassit. replaced porph?? arg. siltstone w. minor sulph. grey arg siltst./quartzite

grey arg./arg. siltst. grey shale/shaley arg. grey arg./arg. siltst. grey arg./arg. siltst.

grey arg./silt. 8-10 m/m Qtz. py. vein. 4 m/m Qtz. py. vein. grey arg. siltst./silt.

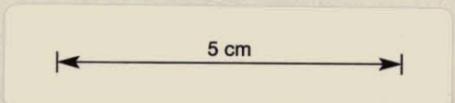


- QUARTZITES
- SILTSTONES
- ARGILLITE
- GREY SHALES
- DOLOMITE
- PORPHYRY
- SERPENTINITE
- QUARTZ/SULPHIDES

DRILLHOLE AAB 2  
 LENGTH 302 FT.  
 VERTICAL  
 DRILLER: A.S. JAMES P/L  
 DATE : 24-8-70 - 2-9-70  
 GEOLOGIST H.R.R.

CORE WIDTH NOT TO SCALE.  
 CORE ORIENTATION UNKNOWN.  
 ANGLE OF VEINS TO CORE AXIS INDICATED ON LEFT SIDE OF SECTION.  
 BRECCIATION SHOWN THUS Δ  
 MINOR VEINS & VEINLETS NOT CALLED UP IN SECTION

COMSTAFF PTY. LTD.  
 MT. BISCHOFF MINE AREA  
 S.W. DOLOMITE EXTENS.  
 DRILLHOLE AAB 2 - SECTION  
 SCALE: 1 IN. to 20 FT.



931004

TAS-2-414  
70-1098

← 00° (MAG.)

BEARING 180° (MAG.) →

overburden mainly replaced dolom.  
clayey material possibly pyritic,  
minor quartzose material!

8 MM vein  
5° composite v.  
dolom. brecc. part replaced. Veins  
w. Qtz, fluorite, pyrite, chalcopirite,  
cassiterite.

dolom. brecc. w. Q. sulph. cassit.  
in veins & dissem.

8-10 MM Qtz. v.  
dolom. brecc. minor serp. &  
travertine veinlets.

argillaceous dolom. brecc. sheared  
and/or shaley. serp. w. minor cassit.  
& sulph.

minor serp. chlorite & travertine  
minor Q. sulph. replacement.

4-12 MM trav. v. sulph.  
4-16 MM Qtz.  
sulph. trav. v. v.  
brucite marble w. travertine  
veinlets. minor dissem. sulph.

4 MM Q. sulph. v.  
same replacement by Q. sulph. minor  
Q. sulph. & travert. MnO<sub>2</sub> veins

minor serp. travertine & sulph.

Qtz, sulph. & minor travert. veins  
minor Qtz sulph. replacement. minor  
SnO<sub>2</sub>

minor Qtz. sulph. replacement.  
dissem. Py. & Q. Pyrite veins

4 MM Q. sulph. v.  
minor serp. MnO<sub>2</sub> & Q. sulph.

very soft. talcose serpentinos

black arg. / arg. siltstone w. Py.  
mass. sulph. v. v.  
minor Qtz.

dk. grey arg. siltst. w. Py.

- SILTSTONE
- ARGILLITE
- DOLOMITE
- QUARTZ / SULPHIDES

DRILLHOLE AAB 3  
LENGTH 359 FT.  
INCLINATION 75°

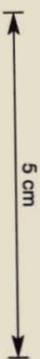
DRILLER: A.S. JAMES P/L.  
DATE : 3-10-70 - 11-10-70  
GEOLOGIST: H.R.R.

CORE WIDTH NOT TO SCALE  
CORE ORIENTATION UNKNOWN.  
ANGLE OF VEINS TO CORE  
AXIS INDICATED ON LEFT SIDE  
OF SECTION.

BRECCIATION SHOWN THUS Δ  
MINOR VEINS & VEINLETS NOT  
CALLED UP IN SECTION

COM STAFF PTY. LTD.  
MT. BISCHOFF MINE AREA  
SW. DOLOMITE EXTENS.  
DRILLHOLE AAB 3 - SECTION

SCALE: 1 IN. TO 20 FT.



931005

70-7098

TAS-2-415

v. poor core recovery - overburden mainly med. gr. porph. w. minor arg. & silic. dolom? dolom. brecc. towards end of run.

porph/dolom. brecc. interspersed.

clay w. dolom. brecc.

dolom. brecc. w. minor sulph. & cassit.

dolom. brecc. w. minor G. veining & sulph.

dolom. brecc. w. occasional minor sulph.

5 M/M Py. Vn.

8 M/M Q. Vn.

5 M/M Q. Py. Vn.  
2 M/M Q. Vn.

minor serp. along ifaces.  
Q. sulph. replacement.

Q. sulph. veining. minor serp. along interfaces.

fairly heavy irreg. Q. sulph. veining  
occasional massive sulph.

2.8 M/M sulph. Vn.  
7-10 M/M Q. sulph. Vn.  
6 M/M sulph. Vn.  
2.5 M/M irreg. sulph. Vn.

dolom. brecc. w. Q. sulph. veining  
minor serp. along interfaces

dolom. brecc. w. pyrite, travertine & MnO<sub>2</sub> veining - some pale serp. & zones of brucite? marble

f.g. slightly brecc. dolom. some travertine/pyrite veinlets.

dolom. brecc. w. py. pyrrhotite, chalcopy. & cassit.

dolom. brecc. w. minor py. & cassit.

2" vn. trav. MnO<sub>2</sub>

dolom. brecc. w. some travertine/MnO<sub>2</sub> veinlets

grey arg. / arg. siltstone  
grey arg. siltstone.

- QUARTZITES
- SILTSTONES
- ARGILLITE
- DOLOMITE
- PORPHYRY
- SERPENTINE
- QUARTZ / SULPHIDES
- 

100 FT.

200 FT.

2.25 FT. @ .38% Sn.

300 FT.

DRILLHOLE AAB. 4  
LENGTH 316 FT.  
VERTICAL

DRILLER: A.S. JAMES P/L.  
DATE: 16-9-70 - 26-9-70  
GEOLOGIST JFL./H.R.R./T.M.C.

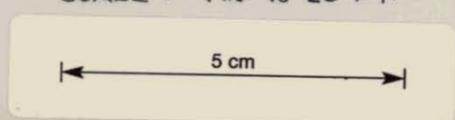
CORE WIDTH NOT TO SCALE.  
CORE ORIENTATION UNKNOWN  
ANGLE OF VEINS TO CORE AXIS INDICATED ON LEFT SIDE OF SECTION.

BRECCIATION SHOWN THUS  
MINOR VEINS & VEINLETS NOT CALLED UP IN SECTION.

931006

COMSTAFF PTY. LTD.  
MT. BISCHOFF MINE AREA  
S.W. DOLOMITE EXTENS.  
DRILLHOLE AAB.4 - SECTION

SCALE: 1 IN. to 20 FT.



TAS-2-416  
70-7098

NATURAL SURFACE LEVEL

fig pale biscuit colour streaks MnO<sub>2</sub>

Q. vn. cherty in part, some py. & MnO<sub>2</sub> stringers

some cassiterite

numerous veins vermicular travertine w. assoc. py. & minor q. veins

6 M/M Q. py. SnO<sub>2</sub> vein

travertine veined dolomite

2" Q vein incl. sulphides

1-6" Q vn. w. serp? & py

Q. vn. w. irreg. contact.

travertine vnd. dolom. breccia\*

Q. sulph. vns part parallel to core & part ± 60° to core pass SnO<sub>2</sub>

fig. dolom. brecc.

4 M/M Q. py. gal. vn. w. assoc. minor veins Q SnO<sub>2</sub>

18 M/M vein Q. py. SnO<sub>2</sub>

3 M/M vein Q. py. po.

4 M/M lam. vlets sub-parallel to core Q. py. po. fluor.

irreg sulph Q. SnO<sub>2</sub> vuggy vlets.

4 bright green serp. & po.

dolom brecc w. fig. milky Q. & py. veins

silt. brecc. dolom. w. sulph. & MnO<sub>2</sub> stringers

serp. vlets w. Q. py. po.

serpentinite veined by pipe. stringers & silt. bands

massive py. po. vein w. fluorite

pyritised porphyry

2 M/M py. po. veinlet.

dark grey serp. vnd. by py. po. stringers & siliceous bands.

12 M/M Q. py. vein

dolomite breccia

vein of serp. Q. py. po. & fluor.

dolom breccia serpentinised

6" vein/band of fluor. py. serp.

3 M 12 M/M veins Q. fluor. sulph. SnO<sub>2</sub>

4 M/M Q vein

2 N 12 M/M irreg. Q. sulph. vein.

dolom. breccia occasional Q. sulph.

series of vlets Q. py. po. serp.

4 N 10 M/M veins galena py.

4 N 6 M/M veins Q. fluor. sulph.

dolom. brecc. serpentinised w. silt. bands. fluor. py. po. & galena.

massive sulph. vein.

3 veins 10 M/M Q. py. po.

irreg 12 M/M vein Qtz.

serpentinised.

12 M/M Q. vein

complex vein Q. serp. fluor. sulph.

band of Q. veined serpentinous material minor fluor & sulph vns subparallel to core

dk. grey serp/Qtz band w. minor fluor & SnO<sub>2</sub> subparallel to core

Qtz serp. fluor. sulph veins minor SnO<sub>2</sub>

massive vein of Q. silicified serp. py. po. galena. fluor. w. occasional discreet Q. veins

dk grey argill. dolomite slightly brecc.

dk grey argill. siltstone/Qtz. minor sulph.

4 M/M Q. sulph. vein.

- DOLOMITE
- SERPENTINITE
- PORPHYRY.
- QUARTZITE
- SILTSTONE

4 Ft. @ 0.62% Sn.

8.4" @ 0.72% Sn.

7.0" @ 0.38% Sn.

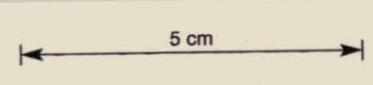
7" @ 1.75% Sn

3.8" @ 0.85% Sn.

DRILLHOLE AAB 5  
 LENGTH 316 FT.  
 VERTICAL  
 DRILLER A.S. JAMES P/L.  
 30-6-70 - 11-7-70  
 GEOLOGIST J.F.L./HRR.

CORE WIDTH NOT TO SCALE  
 CORE ORIENTATION UNKNOWN  
 JOINT (J) & VEIN ANGLES TO CORE AXIS INDICATED ON LEFT SIDE OF SECTION  
 BRECCIATION SHOWN THUS Δ  
 MINOR VEINS & VEINLETS NOT CALLED UP IN SECTION

COMSTAFF PTY. LTD.  
 MT. BISCHOFF MINE AREA  
 S.W. DOLOMITE EXTENS.  
 DRILLHOLE AAB-5 SECTION.  
 SCALE: 1 IN. to 20 FT.

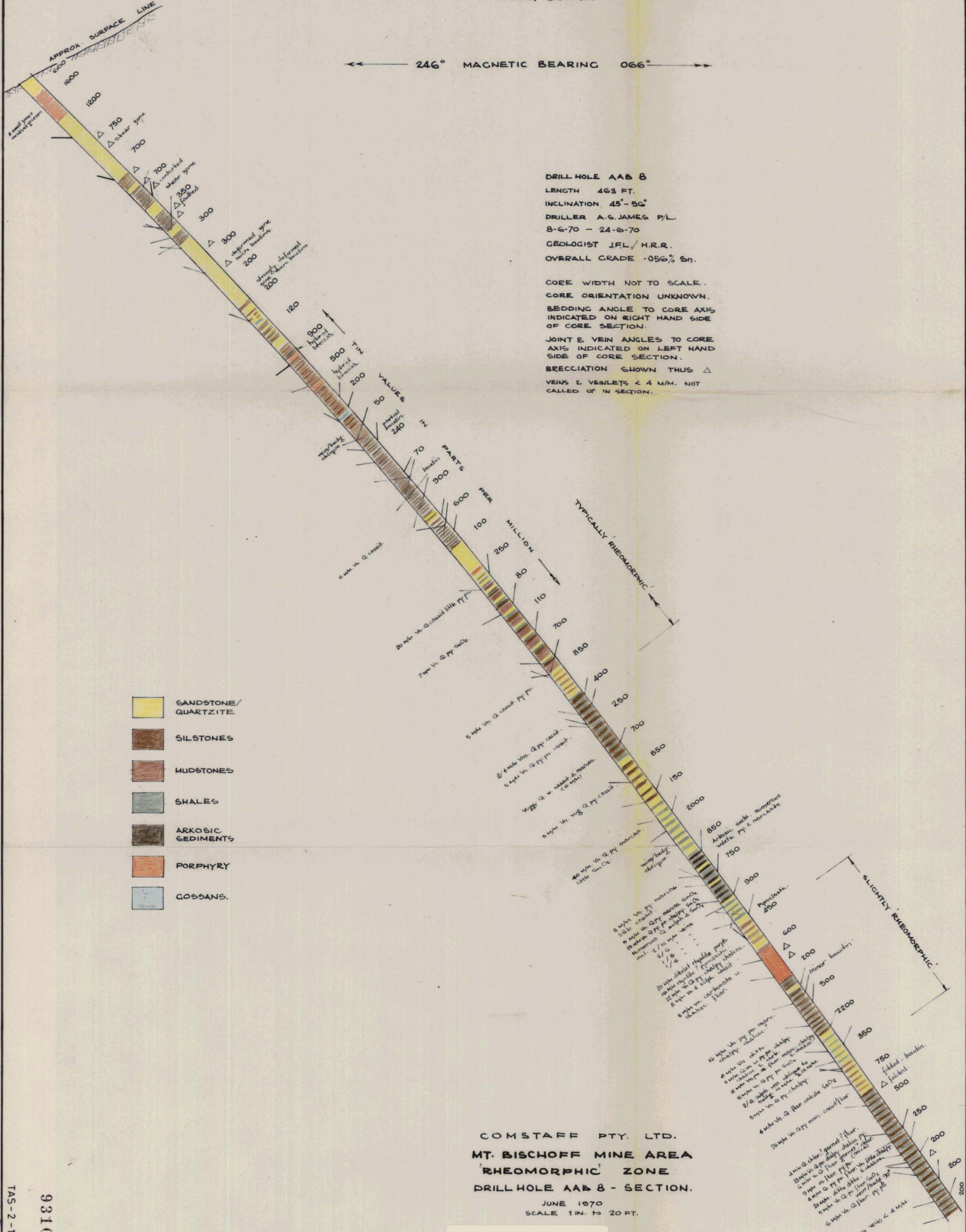


931007

TAS-2-417  
 70-7098

MOUNT BISCHOFF

246° MAGNETIC BEARING 066°



DRILL HOLE AAB 8  
 LENGTH 463 FT.  
 INCLINATION 45°-56°  
 DRILLER A.S. JAMES P/L.  
 8-6-70 - 24-6-70  
 GEOLOGIST J.F.L./H.R.R.  
 OVERALL GRADE .056% S<sub>11</sub>.

CORE WIDTH NOT TO SCALE.  
 CORE ORIENTATION UNKNOWN.  
 BEDDING ANGLE TO CORE AXIS INDICATED ON RIGHT HAND SIDE OF CORE SECTION.  
 JOINT & VEIN ANGLES TO CORE AXIS INDICATED ON LEFT HAND SIDE OF CORE SECTION.  
 BRECCIATION SHOWN THUS  $\Delta$   
 VEINS & VEINLETS < 4 M/M. NOT CALLED UP IN SECTION.

- SANDSTONE/QUARTZITE
- SILTSTONES
- MUDSTONES
- SHALES
- ARKOSIC SEDIMENTS
- PORPHYRY
- GOSSANS.

COMSTAFF PTY. LTD.  
 MT. BISCHOFF MINE AREA  
 'RHEOMORPHIC' ZONE  
 DRILL HOLE AAB 8 - SECTION.  
 JUNE 1970  
 SCALE 1 IN. TO 20 FT.

5 cm

TAS-2-114  
8931008  
70-1099