

WESTERN SEQUENCE
quartz feldspar porphyry, quartz
phyric pyroclastics, tuffaceous greywacke

BASIC DYKES

NOTE: AREA ENCLOSED BY
LIMITED FACTUAL INFORMATION

NOTE: WIND RIVER and DORRITTE CREEK
SECTIONS AFTER CORRETT 1976

RHYOLITE LAVAS
massive, felsic phenocrysts

OWEN CONGLOMERATE

VOLCANICLASTICS
fine-medium grained
volcanic and pre-cambrian
detritus

VOLCANIC AGGLOMERATE

OWEN CONGLOMERATE

VOLCANICLASTICS
fine-medium grained
volcanic and pre-cambrian
detritus

RHYOLITE LAVAS
VOLCANICLASTICS

IGNIMBRITES

IGNIMBRITES
quartz feldspar phyric
massive

E.L. 9/66 BOUNDARY

E.L. 9/66 BOUNDARY

JUKES PTY. LEGEND

- Owen Conglomerate
- MT READ VOLCANICS
 - Weakly sericitic + chloritic volcanoclastics with minor pyroclastics
 - Intensely chloritised and mineralised volcanoclastics
 - Strongly hematitic-siliceous-chloritic brecciated lava with minor volcanoclastics
 - Moderately hematitic-siliceous-chloritic brecciated lava with minor volcanoclastics
 - Sericitic and chloritic lava with minor volcanoclastics
 - Intrusive quartz porphyry
- Unconformity
- Fault
- Contact

TABLE OF ASSAY RESULTS FROM SURFACE SAMPLING

| SAMPLE NO | ELEMENT (ppm) | | | | | | | | | |
|-----------|---------------|------|----|-----|----|-----|-----|----|---|----|
| | Ni | Au | Cu | Pb | Zn | Ag | Sr | Mo | W | Bi |
| 10950 | 170 | 930 | 30 | 120 | 1 | 10 | 90 | | | |
| 1 | 0.04 | 850 | 30 | 110 | <1 | 30 | 60 | | | |
| 2 | <0.01 | 1020 | 40 | 80 | 1 | 10 | 60 | | | |
| 3 | 0.5 | 1180 | 10 | 180 | 1 | 10 | 70 | | | |
| 4 | 5.37 | 1370 | 30 | 100 | 3 | 10 | 70 | | | |
| 5 | 0.20 | 465 | 30 | 100 | 1 | <10 | 40 | | | |
| 6 | 0.21 | 890 | 20 | 100 | 1 | 10 | 350 | | | |
| 7 | 0.16 | 850 | 20 | 90 | 1 | 30 | 180 | | | |
| 8 | 0.52 | 860 | 20 | 130 | 2 | 20 | 50 | | | |
| 9 | 0.76 | 720 | 40 | 130 | 2 | 10 | 330 | | | |
| 10960 | 0.16 | 485 | 20 | 100 | 1 | 20 | 170 | | | |

- SEALED ROAD BRIDGE
- VEHICULAR TRACK
- LOGGING TRACK BULLDOZER SCAR
- WALKING TRACK
- RAILWAY TRAMWAY ABANDONED
- PROMINENT PEAK
- TRIG STATION
- BENCH MARK
- SPOT ELEVATIONS
- RIVER CREEK
- LAKE
- SWAMP
- POWER LINE & PYLONS
- BUILDING
- FLYING FOX
- PIT
- COSTEAN TRENCH
- ADIT
- SHAFT (Depth meter)
- OPEN CUT
- ALLUVIAL WORKINGS
- DUMP

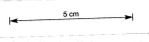
MAP INDEX

| | | |
|----------|--------|-------|
| Location | Open | Full |
| Area | Shaded | Blank |
| Surface | Water | Other |

Photography: Lands Department 1979 (3)
 South West Project: Field
 Photogrammetry: Associated Aerial Surveys Pty. Ltd 1980

Grid Lines are 1000 Metre Intervals of the
 Australian Map Grid Zone 55
 Grid Issues are shown in Full Only at the
 South West Corner of the Map
 Horizontal Datum: Australian Geodetic Datum 1984
 Vertical Datum: Australian Height Datum (1984)
 Transverse Mercator Projection

418243



GOLD FIELDS EXPLORATION PTY. LIMITED

TYNDALL - E.L. 9/66
JUKES PTY.
INTERP. GEOLOGY GEOCHEM.
DRILL HOLE AND
SAMPLE LOCATIONS

SCALE 1:5000

DRAWN BY A.J.C.
 DRAFTSMAN T.G.D.S.
 DATE May, 84

REVISIONS
 Based on mapping by
 MATHIAS and C. GIBSON
 21/5/77

FILE NO.
 FIG. 4