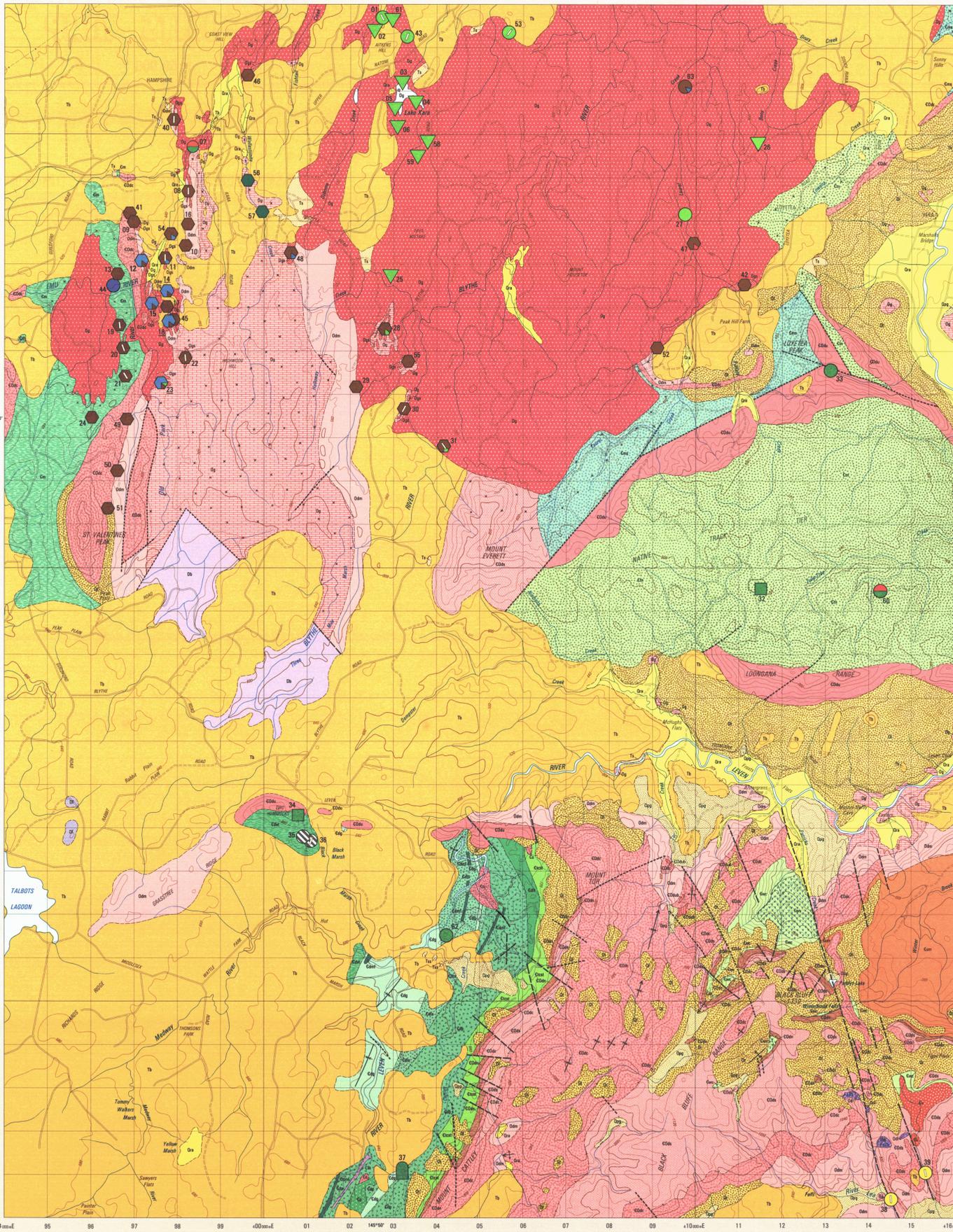


# LOONGANA

1 : 50 000 THE MOUNT READ VOLCANIC PROJECT

GEOLOGICAL SURVEY OF TASMANIA — DEPARTMENT OF MINES — HOBART

METALLIC MINERAL DEPOSITS MAP SERIES SHEET 8015 11 — 8015 111



## INDEX OF DEPOSITS

NAME	COMMODITIES
01 Caner Tin Prospect	Su
02	Su
03	Su
04	Su
05	Su
06	Su
07 Hampshire Silver Mine	Pb, Zn, Ag
08	Fe (magnetite)
09 L13	Fe (magnetite)
10	Fe (magnetite), W
11	W, Fe (magnetite)
12 Kana North	W, Fe (magnetite)
13	W, Fe (magnetite)
14 Eastern Ridge	W, Fe (magnetite)
15 Kana No. 2 Western Limb and South Extension	W, Fe (magnetite)
16	W, Fe (magnetite)
17	Fe (magnetite)
18 Bob's Bonanza	W, Fe (magnetite)
19 L10	Fe (magnetite)
20	Fe (magnetite)
21 L12	Fe (magnetite)
22 Lohrey's Pit	Fe (magnetite)
23 Kana South	W, Fe (magnetite), Sn
24 L11	Fe (magnetite)
25	Su
26	Su
27	Su
28 Kana No. 2 Main Zone	Fe (magnetite), Sn
29	Su
30 Kana No. 2 South	Fe (magnetite)
31 Blythe River Prospect	Fe (magnetite), Sn
32	Pb, Zn
33	Pb, Zn
34	Pb, Zn
35 Two Hummocks Prospect	Pb, Zn
36 Two Hummocks Prospect	Pb, Zn
37	Pb, Zn
38 Black's Prospect	Au
39 Golden Cliff Prospect	Au
40 Hampshire Magnetite	Fe (magnetite)
41	Fe (magnetite)
42 Redwater Creek	Su
43	Su
44	Su
45	Fe (magnetite)
46	Fe (magnetite)
47 Moore's Prospect	Fe (magnetite), Cu
48 Sutton's Skarn	Fe (magnetite), W
49	Fe (magnetite), W
50	Fe (magnetite)
51	Fe (magnetite)
52 Laurel Creek West Prospect	Fe (magnetite), W
53 Clert's Lode	Fe (magnetite), W
54	Fe (magnetite), W
55	Fe (magnetite)
56 Wollastone Creek	Wollastone
57 Wollastone Creek	Wollastone
58	Su
59	Su
60 Leytes South Prospect	Cu, Zn
61	Su
62 Cattley North Prospect	Zn
63	Fe, W

## VALUE OF DEPOSIT

< \$10 <sup>6</sup>	034
\$10 <sup>6</sup> - \$10 <sup>7</sup>	035
\$10 <sup>7</sup> - \$10 <sup>8</sup>	056
> \$10 <sup>8</sup>	002

## MINERALIZATION

COLOUR	SYMBOL	MINERALS/COMMODITIES
Green	Pb, Zn	Galena, sphalerite, other lead, zinc minerals Lead Zinc
Red	Ag	Silver in sulfides, native silver Silver
Yellow	Au	Native gold, gold in sulphides, tellurides Gold
Red	Cu	Chalcopyrite, other copper minerals Copper
Blue	W	Scheelite Tungsten
Green	Sn	Cassiterite, other tin minerals Tin
Dark Green	Wo	Wollastone
Blue	Mo	Molybdenite Molybdenum
Brown	Fe	Magnetite, hematite, goethite, pyrite Iron
White with diagonal lines	Ba	Barite Barium
White circle		Unknown

## FORM OF DEPOSITS

Rectangle with diagonal lines	DISSEMINATED	Strike indicated
Circle with diagonal lines	VEIN	Strike indicated
Circle	MULTIPLE VEIN OR STOCKWORK	
Rectangle	DISSEMINATED/VEIN	
Inverted triangle	ALLUVIAL/RESIDUAL	
Hexagon	SKARN	Strike indicated
Diamond	UNKNOWN	

## GEOLOGICAL LEGEND

SYMBOL	DESCRIPTION
Orange	WINTERBROOK AREA
Green	Mixed sequence of intermediate and felsic pyroclastics, epiclastics and lavas
Light Green	PATRICK CREEK AREA
Dark Green	Mainly volcanoclastic conglomerate and sandstone with siltstone interbeds
Green with dots	Felsic tuff and volcanoclastic conglomerate and sandstone
Dark Purple	INTRUSIVE IGNEOUS ROCKS
Dark Purple	ORDOVICIAN
Dark Purple	Dolerite
Red	DEVONIAN
Red	Dominantly medium to coarse grained biotite granite, with minor porphyritic and fine-grained varieties (Hossep-Crocker)
White with 'x' marks	Metamorphosed country rocks are indicated by wavyline
Green	CAMBRIAN
Green	Felsic porphyry, generally quartz-feldspar-phyllic
Green with dots	Feldspar-hornblende porphyry
Red with dots	Feldspar-pyroxene-chlorite-quartz-bearing aphanitic-textured intermediate mafic rocks
White dashed line	Geological boundary — accurate or approximate
White dashed line with dots	Geological boundary — inferred or concealed
White dashed line with arrows	Actual surface trace of anticline, synform, with plunge where known
White dashed line with triangles	Fault — accurate or approximate
White dashed line with dots	Fault — inferred or concealed

## LOCATION MAP

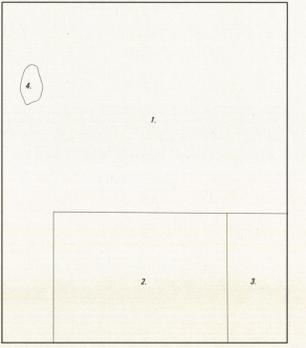


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## RESPONSIBILITY DIAGRAM



1. Buller, P. W., Williams, P. R., Seymour, D. B., Lomas, P. G., Green, G. R., 1986. Geological Atlas 1 : 50 000 Series. St. Valentines. Tas. Dept. Mines. Sheet 8015.
2. Pemberton, J., Vicky, M. J., 1988. Mount Read Volcanics Project Map 6. Mt. Cattley-Mt. Tor Area.
3. Pemberton, J., Vicky, M. J., 1989. Post-Com.
4. Whithead, C. H., 1986. Progress Report. Twelve months to November 1986. Exploration Licence 17/86. Tasmania. Unpublished Report. Tasmania Mines Limited (T.C.R. 86/2756).

SCALE 1 : 50 000  
 CONTOUR INTERVAL 40 METRES