

MINERAL DEPOSITS AND METALLOGENY OF TASMANIA

TASMANIAN GEOLOGICAL SURVEY
MINERAL DEPOSIT ATLAS
MINERAL RESOURCES TASMANIA



INDEX OF DEPOSITS			
No.	REF No.	NAME	COMMODITY
1	1001	Abundant	Aluminum
2	1002	Abundant	Aluminum
3	1003	Abundant	Aluminum
4	1004	Abundant	Aluminum
5	1005	Abundant	Aluminum
6	1006	Abundant	Aluminum
7	1007	Abundant	Aluminum
8	1008	Abundant	Aluminum
9	1009	Abundant	Aluminum
10	1010	Abundant	Aluminum
11	1011	Abundant	Aluminum
12	1012	Abundant	Aluminum
13	1013	Abundant	Aluminum
14	1014	Abundant	Aluminum
15	1015	Abundant	Aluminum
16	1016	Abundant	Aluminum
17	1017	Abundant	Aluminum
18	1018	Abundant	Aluminum
19	1019	Abundant	Aluminum
20	1020	Abundant	Aluminum
21	1021	Abundant	Aluminum
22	1022	Abundant	Aluminum
23	1023	Abundant	Aluminum
24	1024	Abundant	Aluminum
25	1025	Abundant	Aluminum
26	1026	Abundant	Aluminum
27	1027	Abundant	Aluminum
28	1028	Abundant	Aluminum
29	1029	Abundant	Aluminum
30	1030	Abundant	Aluminum
31	1031	Abundant	Aluminum
32	1032	Abundant	Aluminum
33	1033	Abundant	Aluminum
34	1034	Abundant	Aluminum
35	1035	Abundant	Aluminum
36	1036	Abundant	Aluminum
37	1037	Abundant	Aluminum
38	1038	Abundant	Aluminum
39	1039	Abundant	Aluminum
40	1040	Abundant	Aluminum
41	1041	Abundant	Aluminum
42	1042	Abundant	Aluminum
43	1043	Abundant	Aluminum
44	1044	Abundant	Aluminum
45	1045	Abundant	Aluminum
46	1046	Abundant	Aluminum
47	1047	Abundant	Aluminum
48	1048	Abundant	Aluminum
49	1049	Abundant	Aluminum
50	1050	Abundant	Aluminum
51	1051	Abundant	Aluminum
52	1052	Abundant	Aluminum
53	1053	Abundant	Aluminum
54	1054	Abundant	Aluminum
55	1055	Abundant	Aluminum
56	1056	Abundant	Aluminum
57	1057	Abundant	Aluminum
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59	1059	Abundant	Aluminum
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71	1071	Abundant	Aluminum
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73	1073	Abundant	Aluminum
74	1074	Abundant	Aluminum
75	1075	Abundant	Aluminum
76	1076	Abundant	Aluminum
77	1077	Abundant	Aluminum
78	1078	Abundant	Aluminum
79	1079	Abundant	Aluminum
80	1080	Abundant	Aluminum
81	1081	Abundant	Aluminum
82	1082	Abundant	Aluminum
83	1083	Abundant	Aluminum
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93	1093	Abundant	Aluminum
94	1094	Abundant	Aluminum
95	1095	Abundant	Aluminum
96	1096	Abundant	Aluminum
97	1097	Abundant	Aluminum
98	1098	Abundant	Aluminum
99	1099	Abundant	Aluminum
100	1100	Abundant	Aluminum

MINERAL DEPOSIT LEGEND

- METALLIC MINERALS**
- CAINZOIC**
- Alkalic gold
- Alkalic chromite
- Heavy minerals
- Alkalic/alkali in a monazite
- Alkalic garnet
- Alkalic cum-cum-alkali + platinum
- Alkalic pyrite
- Laotitic nickel
- CRETACEOUS**
- Disseminated gold (S.E. Tasmania)
- ARMANDO**
- Disseminated gold (S.E. Tasmania)
- LATE DEVONIAN - EARLY CARBONIFEROUS**
- Lead-zinc-iron veins
- Tin - subordinate tungsten vein
- Copper veins
- Gold veins
- Barite veins
- Tungsten (Wolframite) - subordinate tin & arsenic veins
- ORDOVICIAN**
- Disseminated tin
- Disseminated molybdenum
- Stratiform carbonate-replacement tin-iron sulphide
- Fault-related massive iron oxide
- Skarn-associated tungsten (wolframite)
- Skarn-associated tin
- Skarn-associated gold - stannite
- Skarn-associated magnetite
- Disseminated nickel
- Skarn-hosted fluorite
- ORDOVICIAN**
- Stratiform, carbonate-hosted zinc-lead-silver
- CAMBRIAN**
- Massive volcanic-hosted stratiform Zn-Pb-Cu-Au-Ag
- Massive volcanic-hosted stratiform pyritic Cu (Ag-Au)
- Massive volcanic-hosted stratiform pyrite
- Disseminated pyrite, minor base metals
- Stratiform base, subordinate Zn, Pb, Au, Ag
- Disseminated gold
- Disseminated copper pyrite, subordinate Au, Ag
- Disseminated lead-zinc-silver
- Magnetite nickel + copper + platinum-palladium
- Massive stratiform magnetite-pyrite
- FUELS**
- Area of established coal resources
- TERTIARY**
- Lignite
- PERMIAN-TRIASSIC**
- Coal
- Oil shale
- INDUSTRIAL MINERALS**
- CAINZOIC**
- Kaolin/Clay
- ORDOVICIAN**
- Limestone
- Slates
- PROTEROZOIC - CAINZOIC**
- Silica
- CAMBRIAN**
- Talc
- PROTEROZOIC**
- Dolomite
- Small, 100 - 10,000 tonnes
- Medium, 10,000 - 1,000,000 tonnes
- Large, 1,000,000 - 10,000,000 tonnes
- Very large, greater than 10,000,000 tonnes
- Occurrence of bar within red-dot denotes strike of deposit for disseminated, vein, skarn-associated, and magmatic deposits.

DEVIATION GRANITOID ISOBATHS

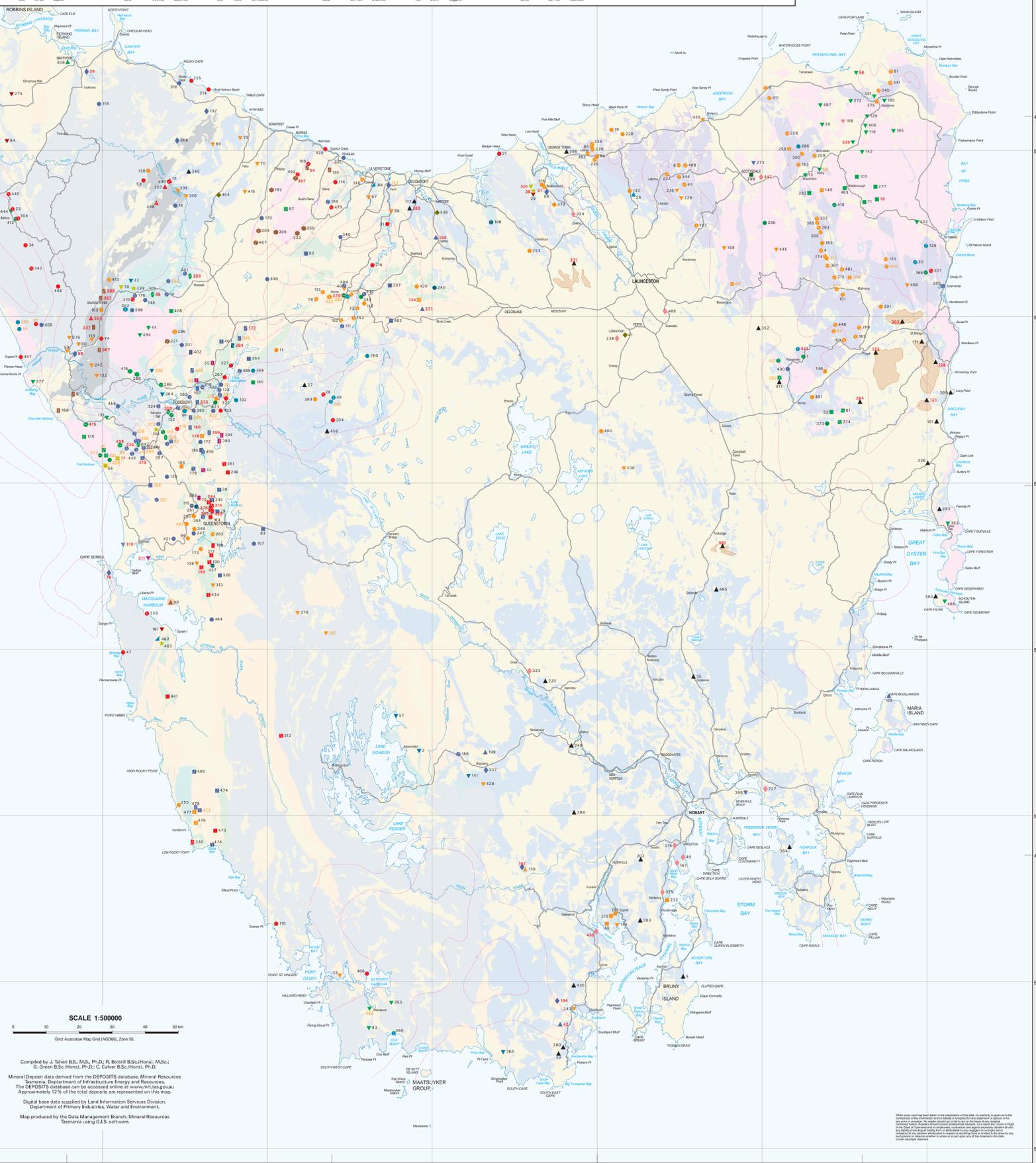


SIZE OF DEPOSITS



GEOLOGICAL LEGEND

- Jurassic to Holocene sequences and intrusive rocks.
- Late Carboniferous to Triassic sequences.
- Early Devonian to Early Carboniferous granitic and pyroclastic rocks.
- Early Ordovician to Early Devonian turbidite sequences (Mathinna Supergroup), NE Tasmania.
- Proterozoic
- Late Cambrian to Early Devonian sedimentary sequences.
- Mt Read Volcanics: Middle to Late Cambrian volcanoclastic rocks, lavas and intrusives.
- Alochthonous Early Cambrian mafic-ultramafic complexes and sedimentary sequences.
- Arthur Metamorphic Complex: Proterozoic schist, phyllite, amphibolite with minor dolomite and magnetite (Cambrian metamorphic age).
- Mesoproterozoic to Neoproterozoic marine shelf, turbidite, and rift sequences and metamorphic equivalents.
- Neoproterozoic granite.



Compiled by J. Taheri B.S., M.Sc., Ph.D., R. Bottrill B.Sc.(Hons), M.Sc.; G. Green B.Sc.(Hons), Ph.D., C. Calver B.Sc.(Hons), Ph.D.
Mineral Deposit data derived from the DEPOSIT database, Mineral Resources Tasmania, Department of Infrastructure, Energy and Resources. The DEPOSIT database can be accessed online at www.mrt.tas.gov.au. Approximately 12% of the total deposits are represented on this map.
Digital base data supplied by Land Information Services Division, Department of Primary Industries, Water and Environment.
Map produced by the Data Management Branch, Mineral Resources Tasmania using G.I.S. software.
Version 1