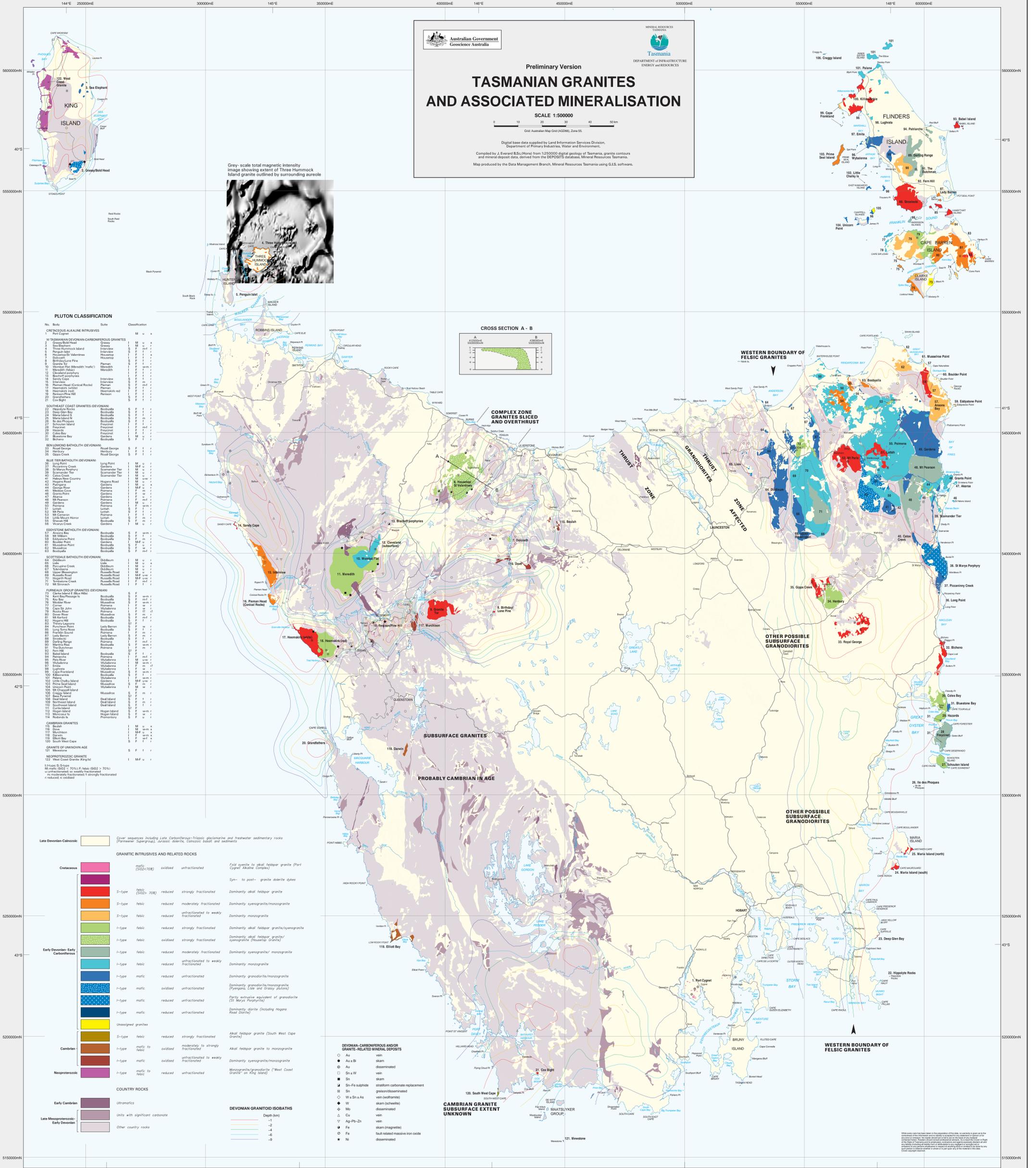





**Preliminary Version**  
**TASMANIAN GRANITES**  
**AND ASSOCIATED MINERALISATION**

SCALE 1:500000  
 0 10 20 30 40 50 km  
Grid: Australian Map Grid (AGD86), Zone 55

Digital base data supplied by Land Information Services Division, Department of Primary Industries, Water and Environment.  
 Compiled by J. Eward BSc(Hons) from 1:250000 digital geology of Tasmania, granite contours and mineral deposit data, derived from the DEPOSIT database, Mineral Resources Tasmania.  
 Map produced by the Data Management Branch, Mineral Resources Tasmania using G.I.S. software.



### PLUTON CLASSIFICATION

No.	Body	Suite	Classification
<b>CRETACEOUS ALKALINE INTRUSIVES</b>			
1	Port Cygnet		M u x
<b>W TASMANIAN DEVONIAN CARBONIFEROUS GRANITES</b>			
2	Gray Hill Head	Gray Hill	M u x
3	Sea Elephant	Gray Hill	M u x
4	Three Hummock Islands	Gray Hill	M u x
5	Phonon Hill	Phonon Hill	M u x
6	Phonon Hill	Phonon Hill	M u x
7	Phonon Hill	Phonon Hill	M u x
8	Phonon Hill	Phonon Hill	M u x
9	Phonon Hill	Phonon Hill	M u x
10	Phonon Hill	Phonon Hill	M u x
11	Phonon Hill	Phonon Hill	M u x
12	Phonon Hill	Phonon Hill	M u x
13	Phonon Hill	Phonon Hill	M u x
14	Phonon Hill	Phonon Hill	M u x
15	Phonon Hill	Phonon Hill	M u x
16	Phonon Hill	Phonon Hill	M u x
17	Phonon Hill	Phonon Hill	M u x
18	Phonon Hill	Phonon Hill	M u x
19	Phonon Hill	Phonon Hill	M u x
20	Phonon Hill	Phonon Hill	M u x
21	Phonon Hill	Phonon Hill	M u x
<b>SOUTHEAST COAST GRANITES (DEVONIAN)</b>			
22	Boobyella	Boobyella	M u x
23	Boobyella	Boobyella	M u x
24	Boobyella	Boobyella	M u x
25	Boobyella	Boobyella	M u x
26	Boobyella	Boobyella	M u x
27	Boobyella	Boobyella	M u x
28	Boobyella	Boobyella	M u x
29	Boobyella	Boobyella	M u x
30	Boobyella	Boobyella	M u x
31	Boobyella	Boobyella	M u x
32	Boobyella	Boobyella	M u x
<b>SEMI-ALKALINE BATHOLITH (DEVONIAN)</b>			
33	Royal George	Royal George	S F I
34	Royal George	Royal George	S F I
35	Royal George	Royal George	S F I
<b>BLUE TIER BATHOLITH (DEVONIAN)</b>			
36	Long Point	Long Point	M u x
37	Long Point	Long Point	M u x
38	Long Point	Long Point	M u x
39	Long Point	Long Point	M u x
40	Long Point	Long Point	M u x
41	Long Point	Long Point	M u x
42	Long Point	Long Point	M u x
43	Long Point	Long Point	M u x
44	Long Point	Long Point	M u x
45	Long Point	Long Point	M u x
46	Long Point	Long Point	M u x
47	Long Point	Long Point	M u x
48	Long Point	Long Point	M u x
49	Long Point	Long Point	M u x
50	Long Point	Long Point	M u x
51	Long Point	Long Point	M u x
52	Long Point	Long Point	M u x
53	Long Point	Long Point	M u x
54	Long Point	Long Point	M u x
55	Long Point	Long Point	M u x
<b>EDDYSTONE BATHOLITH (DEVONIAN)</b>			
56	Boobyella	Boobyella	M u x
57	Boobyella	Boobyella	M u x
58	Boobyella	Boobyella	M u x
59	Boobyella	Boobyella	M u x
60	Boobyella	Boobyella	M u x
61	Boobyella	Boobyella	M u x
62	Boobyella	Boobyella	M u x
63	Boobyella	Boobyella	M u x
<b>SCOTTSDALE BATHOLITH (DEVONIAN)</b>			
64	Dalwood	Dalwood	M u x
65	Dalwood	Dalwood	M u x
66	Dalwood	Dalwood	M u x
67	Dalwood	Dalwood	M u x
68	Dalwood	Dalwood	M u x
69	Dalwood	Dalwood	M u x
70	Dalwood	Dalwood	M u x
71	Dalwood	Dalwood	M u x
72	Dalwood	Dalwood	M u x
<b>FURBERLY GROUP GRANITES (DEVONIAN)</b>			
73	Boobyella	Boobyella	M u x
74	Boobyella	Boobyella	M u x
75	Boobyella	Boobyella	M u x
76	Boobyella	Boobyella	M u x
77	Boobyella	Boobyella	M u x
78	Boobyella	Boobyella	M u x
79	Boobyella	Boobyella	M u x
80	Boobyella	Boobyella	M u x
81	Boobyella	Boobyella	M u x
82	Boobyella	Boobyella	M u x
83	Boobyella	Boobyella	M u x
84	Boobyella	Boobyella	M u x
85	Boobyella	Boobyella	M u x
86	Boobyella	Boobyella	M u x
87	Boobyella	Boobyella	M u x
88	Boobyella	Boobyella	M u x
89	Boobyella	Boobyella	M u x
90	Boobyella	Boobyella	M u x
91	Boobyella	Boobyella	M u x
92	Boobyella	Boobyella	M u x
93	Boobyella	Boobyella	M u x
94	Boobyella	Boobyella	M u x
95	Boobyella	Boobyella	M u x
96	Boobyella	Boobyella	M u x
97	Boobyella	Boobyella	M u x
98	Boobyella	Boobyella	M u x
99	Boobyella	Boobyella	M u x
100	Boobyella	Boobyella	M u x
101	Boobyella	Boobyella	M u x
102	Boobyella	Boobyella	M u x
103	Boobyella	Boobyella	M u x
104	Boobyella	Boobyella	M u x
105	Boobyella	Boobyella	M u x
106	Boobyella	Boobyella	M u x
107	Boobyella	Boobyella	M u x
108	Boobyella	Boobyella	M u x
109	Boobyella	Boobyella	M u x
110	Boobyella	Boobyella	M u x
111	Boobyella	Boobyella	M u x
112	Boobyella	Boobyella	M u x
113	Boobyella	Boobyella	M u x
114	Boobyella	Boobyella	M u x
115	Boobyella	Boobyella	M u x
116	Boobyella	Boobyella	M u x
117	Boobyella	Boobyella	M u x
118	Boobyella	Boobyella	M u x
119	Boobyella	Boobyella	M u x
120	Boobyella	Boobyella	M u x
<b>CAMBRIAN GRANITES</b>			
121	Boobyella	Boobyella	M u x
122	Boobyella	Boobyella	M u x
<b>GRANITES OF UNKNOWN AGE</b>			
123	Boobyella	Boobyella	M u x
124	Boobyella	Boobyella	M u x
125	Boobyella	Boobyella	M u x
126	Boobyella	Boobyella	M u x
127	Boobyella	Boobyella	M u x
128	Boobyella	Boobyella	M u x
129	Boobyella	Boobyella	M u x
130	Boobyella	Boobyella	M u x
<b>NEOPROTEROZOIC GRANITE</b>			
131	Boobyella	Boobyella	M u x
132	Boobyella	Boobyella	M u x

### GRANITIC INTRUSIVES AND RELATED ROCKS

Age	Type	Texture	Mineralogy	Description
Cretaceous	Mafic (502-702)	oxidised	unfractionated	Feld spines to alkali feldspar granite (Port Cygnet Alkaline Complex)
	S-type	reduced	strongly fractionated	Syn- to post- granite dolerite dykes
	S-type	reduced	moderately fractionated	Dominantly alkali feldspar granite
	S-type	reduced	unfractionated to weakly fractionated	Dominantly syenogranite/monzogranite
	S-type	reduced	unfractionated	Dominantly monzogranite
	I-type	reduced	strongly fractionated	Dominantly alkali feldspar granite/syenogranite
	I-type	reduced	moderately fractionated	Dominantly alkali feldspar granite/syenogranite (Phonon Hill)
	I-type	reduced	unfractionated to weakly fractionated	Dominantly monzogranite
	I-type	reduced	unfractionated	Dominantly monzogranite/monzogranite
	I-type	reduced	unfractionated	Partly extensive equivalent of granodiorite (St Marys Porphyry)
Early Devonian - Early Carboniferous	I-type	reduced	unfractionated	Dominantly diorite (including Hagens Road Diorite)
	S-type	reduced	strongly fractionated	Alkali feldspar granite (South West Cape Granite)
	I-type	reduced	moderately to strongly fractionated	Alkali feldspar granite to monzogranite
	I-type	reduced	unfractionated to weakly fractionated	Dominantly syenogranite/monzogranite
Neoproterozoic	I-type	reduced	unfractionated	Monzogranite/granodiorite ("West Coast Granite" on King Island)
	I-type	reduced	unfractionated	

### DEVONIAN GRANITOID ISOBATHS

Depth (km)	Color
-1	Lightest
-2	Light
-3	Medium-Light
-4	Medium
-5	Medium-Dark
-6	Darkest

### DEVONIAN-CARBONIFEROUS AND/OR GRANITE-RELATED MINERAL DEPOSITS

○ Au	vein
● Au + Bi	skarn
◻ Au + W	disseminated
◻ Sn + W	vein
■ Sn	skarn
■ Sn-Fe sulphide	staminal carbonate replacement
◻ Sn	granoid disseminated
◻ W + Sn + As	vein (volcanic)
◻ W	skarn (volcanic)
◻ Cu	disseminated
◻ Mo	vein
◻ Cu	vein
◻ Fe	skarn (magmatic)
◻ Fe	stock related massive iron oxide
★ Ni	disseminated