

Blythe Project, Northern Tasmania
Annual Report for EL 35/2006 (Hampshire)

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Date 26/03/2008

Abstract

During the current year work on this lease has involved general reconnaissance, research of historical data, compilation of aeromagnetic data and several detailed ground magnetic surveys of areas thought to be prospective for magnetite. The ground magnetic surveys have delineated several areas of interest and ground disturbance orders have been lodged to cover drilling in an area at Hampshire around point 397838 mE 5430348 mN (MGA 94). The ground magnetic survey program is continuing and will be reported with the next annual report.

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1.0 Introduction

1.1 Tenement Details

The licence is one of a group of 7 licences held by either Red River Resources Ltd or Iron Mountain Mining Ltd and managed by Iron Mountain Mining Ltd as part of the Blythe Joint Venture.

Exploration Licence 35/2006 is held in the name of Red River Resources. It covers an area of 89 km² and is located at Hampshire in northern Tasmania (see Figure 1). This report covers exploration on the tenement for the year ending 26/01/2008.

1.2 Exploration Rationale

The focus of exploration in the tenement is magnetite associated with skarn bodies adjacent to the Housetop Granite.

GDA94 MGA Zone 55 coordinates were used for the magnetic data.

1.3 Geology

The regional geological setting comprises Proterozoic aged Burnie Formation shales and quartzites that are folded about north-easterly axes and generally dip steeply to the southeast. These are in turn unconformably overlain to the east by a 100 meters thick unit of the late Proterozoic Oonah Formation consisting of haematitic and micaceous siliceous siltstones having shallower dips of about 40° to the southeast. This unit is overlain to the east by a slightly steeper south-easterly dipping sequence of conglomerates, sandstones and pebbly limestones, lithologically correlated with the Cambrian-early Ordovician Denison and Dial Groups. During the Tertiary, the region was almost completely covered by basalt flows, forming a plateau that was subsequently eroded by rivers that re-exposed the older sediments and associated iron deposits.

To the south-east, Upper Devonian Housetop granite outcrops as a medium to coarse grained adamellite.

Contact metamorphism of the older sediments during emplacement of the granite resulted in the formation of skarn deposits.

The geology within the tenement is masked by a thick soil cover with only weathered granite recognized in some road cuttings.

2.0 Previous Exploration

Appendix 2 is a list of company reports for work undertaken within the Blythe Joint venture area. Based on this data exploration is currently focused on magnetite skarn bodies as a source of direct shipping grade iron ore.

3.0 Work Program

During the current year work on this tenement has involved general reconnaissance, research of historical data, compilation of aeromagnetic data and several detailed ground magnetic surveys of areas thought to be prospective for magnetite.

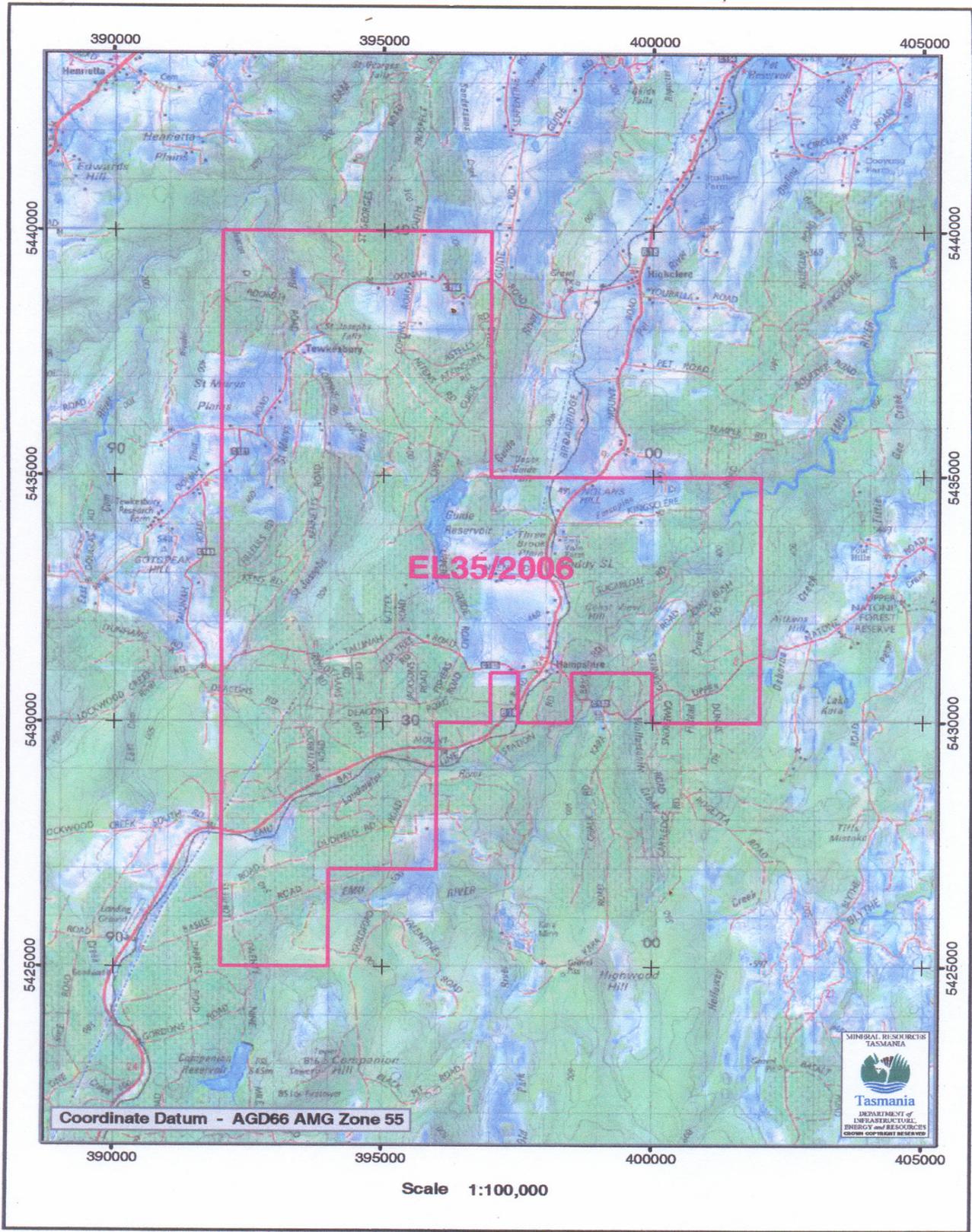
Appendix 1 contains the relevant magnetic data from the ground magnetic survey. Figure 2 is a contour plan of the produced from this data.

4.0 Discussion of Results

The ground magnetic surveys have delineated several areas of interest and ground disturbance orders have been lodged to cover drilling in an area at Hampshire around point 397838 mE 5430348 mN GA94).

5.0 Expenditure

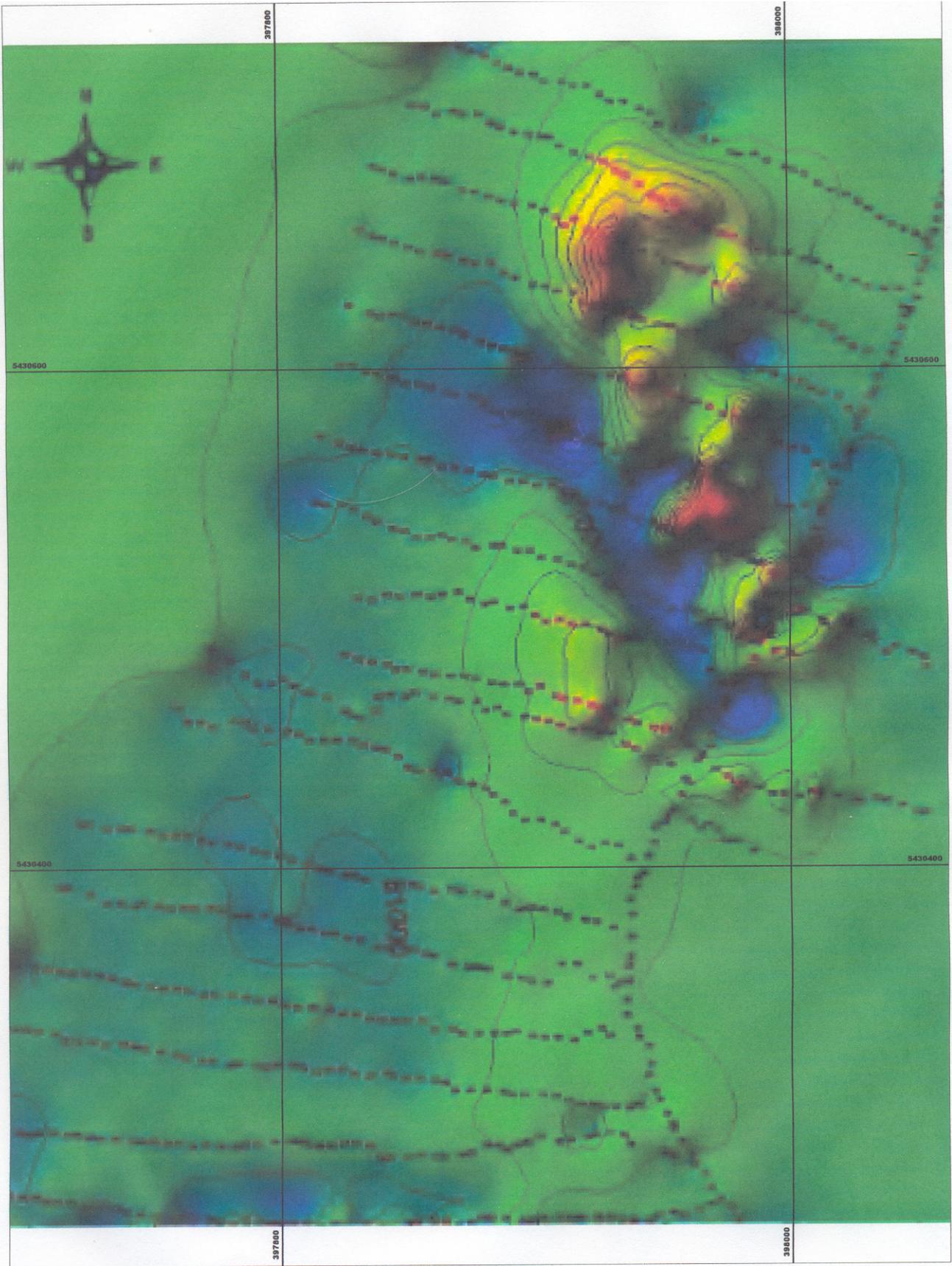
The total expenditure to date: \$5,871.00



Coordinate Datum - AGD66 AMG Zone 55



Scale 1:100,000



Grid Line

- High
- Low
- Contour line



Scale 1:1500	DATE 17/03/08	SHEET 1 of 1
	REF No. 1	

0 50m

IRON MOUNTAIN MINING
BLYTHE PROJECT
MAGNETO CONTOUR

TENEMENT EL37/2006
HAMPSHIRE

APPENDIX 1

MAGNETIC DATA

No	Easting MGA	Northing MGA	Mag- Reading	Line	Note	Tot Length
1	398076	5430717	61677	Road Line		5
2	398075	5430713	61668	Road Line		10
3	398073	5430707	61664	Road Line		15
4	398071	5430702	61663	Road Line		20
5	398070	5430697	61657	Road Line		25
6	398068	5430693	61660	Road Line		30
7	398066	5430688	61657	Road Line		35
8	398064	5430683	61363	Road Line		40
9	398063	5430678	61635	Road Line		45
10	398062	5430674	61644	Road Line		50
11	398061	5430669	61633	Road Line		55
12	398060	5430664	61652	Road Line		60
13	398059	5430659	61649	Road Line		65
14	398057	5430654	61623	Road Line		70
15	398056	5430648	61479	Road Line	Line 18	75
16	398054	5430642	61468	Road Line		80
17	398053	5430638	61621	Road Line		85
18	398051	5430633	61601	Road Line		90
19	398050	5430627	61616	Road Line		95
20	398048	5430623	61516	Road Line	Line 17	100
21	398046	5430620	61493	Road Line		105
22	398044	5430615	61472	Road Line		110
23	398042	5430610	61464	Road Line		115
24	398040	5430606	61426	Road Line		120
25	398038	5430601	61388	Road Line	Line 16	125
26	398035	5430597	61366	Road Line		130
27	398034	5430592	61356	Road Line		135
28	398032	5430588	61242	Road Line		140
29	398029	5430583	61208	Road Line		145
30	398027	5430580	61200	Road Line	Line 15	150
31	398026	5430576	60990	Road Line		155
32	398024	5430567	60989	Road Line		160
33	398023	5430564	60330	Road Line		165
34	398022	5430560	60731	Road Line		170
35	398018	5430554	60821	Road Line	Line 14	175
36	398015	5430549	61238	Road Line		180
37	398012	5430544	60838	Road Line		185
38	398012	5430541	60560	Road Line		190
39	398010	5430536	60812	Road Line		195
40	398008	5430532	60871	Road Line	Line 13	200
41	398005	5430526	60468	Road Line		205
42	398003	5430522	61142	Road Line		210
43	398001	5430510	67815	Road Line		215
44	397999	5430509	63216	Road Line		220
45	397995	5430500	61554	Road Line	Line 12	225
46	397992	5430496	60034	Road Line		230
47	397991	5430493	63401	Road Line		235
48	397989	5430492	63770	Road Line		240
49	397987	5430489	63291	Road Line		245
50	397986	5430484	64011	Road Line	Line 11	250
51	397984	5430480	63924	Road Line		255
52	397981	5430476	62551	Road Line		260
53	397978	5430473	58363	Road Line		265
54	397976	5430466	60153	Road Line		270
55	397974	5430463	58923	Road Line	Line 10	275
56	397972	5430460	59926	Road Line		280

57	397969	5430453	61035	Road Line		285
58	397969	5430449	61215	Road Line		290
59	397965	5430446	62056	Road Line		295
60	397963	5430443	62601	Road Line	Line 9	300
61	397959	5430436	62926	Road Line		305
62	397960	5430434	63025	Road Line		310
63	397957	5430429	63221	Road Line		315
64	397955	5430424	63025	Road Line		320
65	397952	5430422	62705	Road Line	Line 8	325
66	397950	5430418	62300	Road Line		330
67	397947	5430416	62510	Road Line		335
68	397946	5430410	62408	Road Line		340
69	397944	5430404	62535	Road Line		345
70	397942	5430398	62365	Road Line	Line 7	350
71	397940	5430396	62427	Road Line		355
72	397939	5430392	62487	Road Line		360
73	397937	5430387	62354	Road Line		365
74	397938	5430381	62283	Road Line		370
75	397938	5430373	62322	Road Line	Line 6	375
76	397937	5430373	62352	Road Line		380
77	397937	5430364	62236	Road Line		385
78	397936	5430361	62261	Road Line		390
79	397936	5430355	62101	Road Line		395
80	397935	5430347	62104	Road Line	Line 5	400
81	397935	5430347	62205	Road Line		405
82	397935	5430341	62227	Road Line		410
83	397939	5430336	62216	Road Line		415
84	397940	5430332	62204	Road Line		420
85	397944	5430328	62221	Road Line	Line 4	425
86	397945	5430322	62185	Road Line		430
87	397944	5430317	62273	Road Line		435
88	397946	5430311	62123	Road Line		440
89	397948	5430307	62099	Road Line		445
90	397951	5430301	62524	Road Line	Line 3	450
91	397953	5430298	62704	Road Line		455
92	397953	5430295	62606	Road Line		460
93	397957	5430290	62655	Road Line		465
94	397960	5430286	61913	Road Line		470
95	397962	5430281	61252	Road Line	Line 2	475
96	397968	5430272	61500	Road Line		480
97	397966	5430277	61833	Road Line		485
98	397971	5430267	61853	Road Line		490
99	397976	5430264	61587	Road Line		495
100	397979	5430259	61290	end Road	Line 1	500
				Line 1 start 5m from no 100		
101	397968	5430265	61617	Rd		5
102	397963	5430263	61293	Line 1		10
103	397957	5430261	61669	Line 1		15
104	397953	5430262	61650	Line 1		20
105	397948	5430261	61652	Line 1		25
106	397944	5430259	61588	Line 1		30
107	397938	5430259	61600	Line 1		35
108	397933	5430259	61560	Line 1		40
109	397928	5430260	61749	Line 1		45
110	397924	5430260	61730	Line 1		50
111	397917	5430260	61698	Line 1		55
112	397913	5430260	61709	Line 1		60
113	397908	5430260	61756	Line 1		65
114	397902	5430260	61888	Line 1		70

115	397898	5430259	61993	Line 1	75
116	397894	5430259	62062	Line 1	80
117	397887	5430260	62013	Line 1	85
118	397882	5430260	61343	Line 1	90
119	397878	5430260	61097	Line 1	95
120	397874	5430258	61999	Line 1	100
121	397869	5430257	61322	Line 1	105
122	397864	5430259	61556	Line 1	110
123	397859	5430259	61296	Line 1	115
124	397853	5430258	61401	Line 1	120
125	397849	5430258	61223	Line 1	125
126	397843	5430257	61946	Line 1	130
127	397839	5430257	61191	Line 1	135
128	397833	5430258	61038	Line 1	140
129	397827	5430257	61361	Line 1	145
130	397824	5430257	62282	Line 1	150
131	397820	5430258	62248	Line 1	155
132	397814	5430257	60994	Line 1	160
133	397809	5430258	60929	Line 1	165
134	397804	5430258	60955	Line 1	170
135	397799	5430258	61245	Line 1	175
136	397795	5430258	61038	Line 1	180
137	397790	5430258	61773	Line 1	185
138	397785	5430259	61201	Line 1	190
139	397780	5430258	61630	Line 1	195
140	397775	5430259	60924	Line 1	200
141	397771	5430260	60652	Line 1	205
142	397765	5430260	60307	Line 1	210
143	397761	5430261	60647	Line 1	215
144	397756	5430261	60941	Line 1	220
145	397750	5430261	61610	Line 1	225
146	397744	5430262	61166	Line 1	230
147	397739	5430263	61253	Line 1	235
148	397735	5430264	60680	Line 1	240
149	397730	5430266	61111	Line 1	245
150	397725	5430266	61080	Line 1	250
151	397721	5430265	61301	Line 1	255
152	397716	5430267	61308	Line 1	260
153	397711	5430267	61320	Line 1	265
154	397706	5430267	61142	Line 1	270
155	397702	5430269	61268	Line 1	275
156	397697	5430269	60806	Line 1	280
157	397691	5430270	60848	Line 1	285
158	397687	5430271	60500	Line 1	290
159	397682	5430271	62601	Line 1	295
160	397678	5430272	61167	end Line 1	300
161	397684	5430297	61158	Start 25 m off no 160 to no 95 Rd	5
162	397689	5430297	60861	Line 2	10
163	397695	5430295	60761	Line 2	15
164	397700	5430294	60780	Line 2	20
165	397704	5430295	60860	Line 2	25
166	397710	5430295	61217	Line 2	30
167	397715	5430294	61401	Line 2	35
168	397719	5430294	61370	Line 2	40
169	397724	5430293	61384	Line 2	45
170	397728	5430292	61378	Line 2	50
171	397734	5430292	61491	Line 2	55
172	397741	5430291	61178	Line 2	60
173	397744	5430291	61437	Line 2	65

174	397749	5430291	61448	Line 2	70
175	397754	5430290	61153	Line 2	75
176	397759	5430290	61395	Line 2	80
177	397764	5430289	61340	Line 2	85
178	397770	5430290	61390	Line 2	90
179	397775	5430289	61442	Line 2	95
180	397781	5430289	61472	Line 2	100
181	397785	5430290	61480	Line 2	105
182	397790	5430290	61383	Line 2	110
183	397796	5430291	61555	Line 2	115
184	397802	5430291	61611	Line 2	120
185	397806	5430291	61681	Line 2	125
186	397809	5430290	61482	Line 2	130
187	397814	5430289	61472	Line 2	135
188	397819	5430289	61545	Line 2	140
189	397824	5430290	61397	Line 2	145
190	397829	5430290	61380	Line 2	150
191	397834	5430289	61428	Line 2	155
192	397839	5430284	60889	Line 2	160
193	397842	5430285	61443	Line 2	165
194	397849	5430285	61501	Line 2	170
195	397854	5430286	61598	Line 2	175
196	397860	5430285	61636	Line 2	180
197	397864	5430285	61638	Line 2	185
198	397870	5430286	61750	Line 2	190
199	397874	5430287	61800	Line 2	195
200	397880	5430289	61924	Line 2	200
201	397885	5430289	62093	Line 2	205
202	397888	5430288	61990	Line 2	210
203	397892	5430289	62691	Line 2	215
204	397896	5430290	62821	Line 2	220
205	397901	5430292	62027	Line 2	225
206	397908	5430290	62513	Line 2	230
207	397913	5430291	61690	Line 2	235
208	397919	5430292	61934	Line 2	240
209	397923	5430293	60972	Line 2	245
210	397928	5430294	62192	Line 2	250
211	397934	5430293	62475	Line 2	255
212	397936	5430289	62748	Line 2	260
213	397950	5430286	61638	Line 2	265
214	397953	5430285	61898	Line 2	270
215	397954	5430284	62181	end Line 2 at no 95	275
216	397940	5430305	61754	Line 3 start 5m from no 90 Rd	5
217	397936	5430304	62512	Line 3	10
218	397931	5430304	62602	Line 3	15
219	397926	5430304	62338	Line 3	20
220	397922	5430305	62440	Line 3	25
221	397917	5430305	61971	Line 3	30
222	397912	5430307	62091	Line 3	35
223	397907	5430309	62204	Line 3	40
224	397902	5430310	62304	Line 3	45
225	397895	5430310	62215	Line 3	50
226	397890	5430310	62240	Line 3	55
227	397886	5430311	62133	Line 3	60
228	397880	5430312	62043	Line 3	65
229	397874	5430312	61933	Line 3	70
230	397868	5430312	61781	Line 3	75
231	397864	5430314	61480	Line 3	80
232	397860	5430315	61384	Line 3	85

233	397854	5430316	61210	Line 3	90
234	397848	5430316	61079	Line 3	95
235	397843	5430317	61001	Line 3	100
236	397841	5430318	61032	Line 3	105
237	397834	5430317	61239	Line 3	110
238	397828	5430318	61005	Line 3	115
239	397823	5430320	61070	Line 3	120
240	397818	5430320	61096	Line 3	125
241	397813	5430319	61082	Line 3	130
242	397808	5430321	61071	Line 3	135
243	397804	5430322	61099	Line 3	140
244	397798	5430322	61201	Line 3	145
245	397793	5430321	61295	Line 3	150
246	397789	5430322	61489	Line 3	155
247	397782	5430323	61284	Line 3	160
248	397779	5430322	61280	Line 3	165
249	397773	5430324	61250	Line 3	170
250	397768	5430324	61191	Line 3	175
251	397762	5430325	61268	Line 3	180
252	397758	5430326	61218	Line 3	185
253	397752	5430327	61300	Line 3	190
254	397746	5430328	61166	Line 3	195
255	397742	5430329	61172	Line 3	200
256	397737	5430330	61201	Line 3	205
257	397730	5430330	61202	Line 3	210
258	397725	5430331	61216	Line 3	215
259	397719	5430331	61013	Line 3	220
260	397714	5430332	61282	Line 3	225
261	397710	5430335	61331	Line 3	230
262	397704	5430336	61220	Line 3	235
263	397699	5430337	61283	Line 3	240
264	397694	5430337	61312	Line 3	245
265	397689	5430337	61253	Line 3	250
266	397683	5430338	61326	end Line 3	255
267	397690	5430365	62885	Start 25 m off no 266 to no 85 Rd	5
268	397697	5430363	61164	Line 4	10
269	397702	5430362	60997	Line 4	15
270	397707	5430361	61380	Line 4	20
271	397712	5430360	61287	Line 4	25
272	397717	5430359	61242	Line 4	30
273	397722	5430359	61121	Line 4	35
274	397728	5430358	61123	Line 4	40
275	397733	5430357	61012	Line 4	45
276	397738	5430355	61075	Line 4	50
277	397742	5430354	61087	Line 4	55
278	397748	5430353	61147	Line 4	60
279	397753	5430352	61139	Line 4	65
280	397758	5430352	61164	Line 4	70
281	397763	5430351	61158	Line 4	75
282	397769	5430350	61152	Line 4	80
283	397774	5430350	61153	Line 4	85
284	397780	5430350	61196	Line 4	90
285	397785	5430349	61270	Line 4	95
286	397790	5430348	61278	Line 4	100
287	397796	5430348	61252	Line 4	105
288	397801	5430346	61176	Line 4	110
289	397806	5430345	61213	Line 4	115
290	397812	5430345	62008	Line 4	120
291	397819	5430344	60980	Line 4	125

292	397823	5430342	61031	Line 4	130
293	397829	5430342	61055	Line 4	135
294	397834	5430340	61095	Line 4	140
295	397839	5430339	61005	Line 4	145
296	397844	5430339	61090	Line 4	150
297	397849	5430339	61155	Line 4	155
298	397855	5430339	61168	Line 4	160
299	397860	5430336	61259	Line 4	165
300	397867	5430336	61374	Line 4	170
301	397871	5430334	61556	Line 4	175
302	397877	5430334	61835	Line 4	180
303	397883	5430334	62052	Line 4	185
304	397888	5430334	62165	Line 4	190
305	397892	5430335	62390	Line 4	195
306	397898	5430333	62381	Line 4	200
307	397903	5430332	62382	Line 4	205
308	397908	5430332	62383	Line 4	210
309	397914	5430331	62520	Line 4	215
310	397920	5430334	62225	Line 4	220
311	397925	5430336	62602	Line 4	225
312	397928	5430333	62560	Line 4	230
313	397930	5430352	62450	end Line 4 at no 85 Rd	235
314	397933	5430354	62514	Line 5 start 5m from no 80 Rd	5
315	397928	5430357	62620	Line 5	10
316	397922	5430356	62480	Line 5	15
317	397916	5430362	62680	Line 5	20
318	397910	5430362	62160	Line 5	25
319	397904	5430354	61990	Line 5	30
320	397898	5430355	62251	Line 5	35
321	397894	5430356	62350	Line 5	40
322	397888	5430357	61867	Line 5	45
323	397881	5430360	61757	Line 5	50
324	397877	5430361	61691	Line 5	55
325	397873	5430361	61533	Line 5	60
326	397867	5430362	61420	Line 5	65
327	397860	5430365	61262	Line 5	70
328	397857	5430366	61133	Line 5	75
329	397852	5430368	61042	Line 5	80
330	397847	5430370	60993	Line 5	85
331	397842	5430369	60933	Line 5	90
332	397837	5430369	60944	Line 5	95
333	397831	5430372	60968	Line 5	100
334	397826	5430373	60947	Line 5	105
335	397820	5430375	60916	Line 5	110
336	397817	5430375	60811	Line 5	115
337	397812	5430376	60708	Line 5	120
338	397807	5430376	60852	Line 5	125
339	397802	5430378	60808	Line 5	130
340	397799	5430380	61180	Line 5	135
341	397793	5430381	60670	Line 5	140
342	397787	5430381	60671	Line 5	145
343	397781	5430381	61031	Line 5	150
344	397777	5430383	61052	Line 5	155
345	397772	5430384	61194	Line 5	160
346	397766	5430384	61256	Line 5	165
347	397761	5430384	61276	Line 5	170
348	397756	5430384	61238	Line 5	175
349	397751	5430385	61322	Line 5	180
350	397745	5430386	61142	Line 5	185

351	397742	5430385	61147	Line 5	190
352	397736	5430386	61183	Line 5	195
353	397731	5430386	61118	Line 5	200
354	397724	5430389	61099	Line 5	205
355	397715	5430392	61142	Line 5	210
356	397712	5430392	61162	End Line 5	215
357	397720	5430418	61059	Start 25 m off no 356 to no 75 Rd	5
358	397724	5430418	61128	Line 6	10
359	397731	5430416	61114	Line 6	15
360	397737	5430416	61128	Line 6	20
361	397741	5430416	61341	Line 6	25
362	397748	5430415	61377	Line 6	30
363	397753	5430413	61301	Line 6	35
364	397758	5430413	61244	Line 6	40
365	397763	5430413	61066	Line 6	45
366	397768	5430412	60956	Line 6	50
367	397773	5430411	60878	Line 6	55
368	397779	5430410	60726	Line 6	60
369	397784	5430409	60778	Line 6	65
370	397789	5430407	60861	Line 6	70
371	397794	5430406	60918	Line 6	75
372	397799	5430405	60992	Line 6	80
373	397804	5430403	61015	Line 6	85
374	397810	5430401	60994	Line 6	90
375	397815	5430400	60900	Line 6	95
376	397819	5430399	60810	Line 6	100
377	397825	5430397	60736	Line 6	105
378	397829	5430397	60756	Line 6	110
379	397833	5430395	60815	Line 6	115
380	397841	5430394	60941	Line 6	120
381	397846	5430394	61019	Line 6	125
382	397851	5430393	61065	Line 6	130
383	397854	5430392	61081	Line 6	135
384	397860	5430390	61351	Line 6	140
385	397867	5430391	61450	Line 6	145
386	397871	5430390	61566	Line 6	150
387	397877	5430389	61670	Line 6	155
388	397882	5430388	61756	Line 6	160
389	397888	5430386	61864	Line 6	165
390	397893	5430383	61566	Line 6	170
391	397898	5430384	62460	Line 6	175
392	397903	5430383	62483	Line 6	180
393	397908	5430382	62487	Line 6	185
394	397912	5430380	62524	Line 6	190
395	397919	5430379	62574	Line 6	195
396	397924	5430378	62617	Line 6	200
397	397930	5430376	62567	End Line 6 at no 75 Rd	205
398	397937	5430403	62680	Line 7 start 5m from no 70 Rd	5
399	397932	5430409	62720	Line 7	10
400	397927	5430410	62622	Line 7	15
401	397921	5430408	62577	Line 7	20
402	397917	5430411	62492	Line 7	25
403	397911	5430414	62509	Line 7	30
404	397907	5430417	62484	Line 7	35
405	397902	5430419	62422	Line 7	40
406	397896	5430419	62324	Line 7	45
407	397891	5430422	62229	Line 7	50
408	397888	5430426	62148	Line 7	55
409	397883	5430429	62052	Line 7	60

410	397880	5430432	61981	Line 7	65
411	397875	5430434	62126	Line 7	70
412	397870	5430435	61282	Line 7	75
413	397865	5430438	60435	Line 7	80
414	397860	5430439	61290	Line 7	85
415	397854	5430439	61452	Line 7	90
416	397850	5430440	61378	Line 7	95
417	397846	5430445	61251	Line 7	100
418	397841	5430448	61180	Line 7	105
419	397837	5430449	61176	Line 7	110
420	397832	5430450	61200	Line 7	115
421	397828	5430451	61282	Line 7	120
422	397822	5430451	61176	Line 7	125
423	397817	5430451	61178	Line 7	130
424	397811	5430451	61279	Line 7	135
425	397807	5430454	61122	Line 7	140
426	397802	5430455	61010	Line 7	145
427	397795	5430456	60912	Line 7	150
428	397789	5430456	60983	Line 7	155
429	397786	5430459	61099	Line 7	160
430	397781	5430460	61150	Line 7	165
431	397773	5430457	61240	Line 7	170
432	397768	5430459	61133	Line 7	175
433	397763	5430459	61095	Line 7	180
434	397760	5430464	61002	End Line 7	185
435	397771	5430489	62400	Start 25 m off no 434 to no 65 Rd	5
436	397773	5430480	61557	Line 8	10
437	397780	5430484	60985	Line 8	15
438	397786	5430478	60989	Line 8	20
439	397791	5430475	60943	Line 8	25
440	397796	5430475	60891	Line 8	30
441	397801	5430476	60948	Line 8	35
442	397805	5430474	60965	Line 8	40
443	397810	5430471	61027	Line 8	45
444	397812	5430471	61070	Line 8	50
445	397818	5430469	61114	Line 8	55
446	397825	5430463	61164	Line 8	60
447	397827	5430462	61146	Line 8	65
448	397831	5430461	61611	Line 8	70
449	397837	5430463	61171	Line 8	75
450	397838	5430469	61097	Line 8	80
451	397843	5430470	61150	Line 8	85
452	397849	5430469	61209	Line 8	90
453	397853	5430471	61331	Line 8	95
454	397860	5430469	61492	Line 8	100
455	397866	5430468	61679	Line 8	105
456	397870	5430467	61849	Line 8	110
457	397877	5430467	62031	Line 8	115
458	397880	5430463	62171	Line 8	120
459	397885	5430464	62303	Line 8	125
460	397889	5430462	62501	Line 8	130
461	397896	5430461	62748	Line 8	135
462	397900	5430460	63320	Line 8	140
463	397905	5430459	63537	Line 8	145
464	397910	5430457	63575	Line 8	150
465	397914	5430455	63521	Line 8	155
466	397920	5430455	63579	Line 8	160
467	397925	5430453	63154	Line 8	165
468	397930	5430454	62727	Line 8	170

469	397935	5430450	63126	Line 8	175
470	397939	5430448	63600	Line 8	180
471	397944	5430444	63502	Line 8	185
472	397948	5430442	62662	Line 8	190
473	397953	5430441	62716	End Line 8 at no 65 Rd	195
474	397961	5430449	62100	Line 9 start 5m from no 60 Rd	5
475	397958	5430453	63820	Line 9	10
476	397951	5430455	64588	Line 9	15
477	397946	5430456	63744	Line 9	20
478	397940	5430458	63127	Line 9	25
479	397936	5430459	63091	Line 9	30
480	397931	5430461	63129	Line 9	35
481	397926	5430463	64470	Line 9	40
482	397922	5430465	64912	Line 9	45
483	397917	5430467	64109	Line 9	50
484	397911	5430468	64224	Line 9	55
485	397908	5430469	63422	Line 9	60
486	397902	5430473	63378	Line 9	65
487	397897	5430471	63242	Line 9	70
488	397893	5430474	62865	Line 9	75
489	397888	5430474	62636	Line 9	80
490	397883	5430475	62547	Line 9	85
491	397877	5430476	62256	Line 9	90
492	397872	5430477	61926	Line 9	95
493	397867	5430477	61692	Line 9	100
494	397861	5430478	61652	Line 9	105
495	397856	5430479	61532	Line 9	110
496	397850	5430480	61391	Line 9	115
497	397845	5430480	61270	Line 9	120
498	397842	5430482	61140	Line 9	125
499	397836	5430483	61038	Line 9	130
500	397830	5430484	61010	Line 9	135
501	397825	5430486	61044	End Line 9 at no 50 Rd	140
502	397830	5430509	61279	Start 25 m off no 501 to no 55 Rd	5
503	397836	5430508	61211	Line 10	10
504	397842	5430510	61260	Line 10	15
505	397847	5430509	61364	Line 10	20
506	397854	5430510	61447	Line 10	25
507	397859	5430509	61590	Line 10	30
508	397864	5430510	61684	Line 10	35
509	397870	5430511	61774	Line 10	40
510	397875	5430508	61928	Line 10	45
511	397880	5430506	62167	Line 10	50
512	397884	5430507	62370	Line 10	55
513	397890	5430504	62566	Line 10	60
514	397896	5430505	62835	Line 10	65
515	397900	5430501	63173	Line 10	70
516	397904	5430499	63600	Line 10	75
517	397910	5430500	63920	Line 10	80
518	397914	5430498	63937	Line 10	85
519	397920	5430498	64028	Line 10	90
520	397926	5430496	63890	Line 10	95
521	397930	5430494	63660	Line 10	100
522	397935	5430492	62729	Line 10	105
523	397941	5430492	61692	Line 10	110
524	397946	5430490	61002	Line 10	115
525	397952	5430490	60577	Line 10	120
526	397957	5430490	59989	Line 10	125
527	397962	5430488	59916	Line 10	130

528	397966	5430487	60303	Line 10	135
529	397969	5430479	61780	Line 10	140
530	397972	5430475	59728	End Line 10 at no 55 Rd	145
531	397982	5430494	66864	start off no 50 Rd	5
532	397976	5430496	61680	Line 11	10
533	397972	5430499	62404	Line 11	15
534	397968	5430499	63620	Line 11	20
535	397965	5430502	60226	Line 11	25
536	397960	5430504	59917	Line 11	30
537	397954	5430504	58007	Line 11	35
538	397947	5430508	59203	Line 11	40
539	397942	5430510	59060	Line 11	45
540	397936	5430511	59727	Line 11	50
541	397931	5430512	60948	Line 11	55
542	397928	5430514	61450	Line 11	60
543	397924	5430518	61842	Line 11	65
544	397919	5430520	62488	Line 11	70
545	397914	5430522	62786	Line 11	75
546	397909	5430524	62780	Line 11	80
547	397903	5430525	62584	Line 11	85
548	397898	5430527	62549	Line 11	90
549	397893	5430527	62393	Line 11	95

APPENDIX 2

COMPANY REPORTS

Report Date	90_3199	1/10/1990
Authors(s)	Anon	
Title	Parts A and B, Tasmania Mines Limited Retention Licence Application Exploration Licence 17/68	
Company(s)	Tasmania Mines Limited, Tasmania Mines NL	
Tenement(s)	EL17/1968	
Physical Description	1 volumes 19PP, 2APPX, 1 FIG, 10 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie	
Geographic	Hampshire, Loudwater Creek, Wollastonite Creek	
Activities	Analysis, Auger/Test pits, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Mine/Deposit, Mineral Process., Misc and Fuels, Ore Reserves, Percussion, Rock-chip, Surface mapping	
Minerals Deposits	Magnetite, Scheelite, Wollastonite	
Keywords	Hampshire, Kara	
Annotation	Skarn The report provides a comprehensive account of work on the Hampshire magnetite skarn and on the thermal metamorphic wollastonite deposits at Wollastonite Creek. It also reviews the potential scheelite reserves within the RL application area and gives a commodity review of wollastonite.	
Report Date	82_1828	1/10/1982
Authors(s)	Whitehead, C.H.	
Title	Summary Report of Completed Work Programme, E.L. 17/68 and C.L. 105M/77, Twelve Month Period, November 4th 1981-November 3rd 1982.	
Company(s)	McIntyre Mines (Australia) Proprietary Limited, Tasminex NL	
Tenement(s)	105M/1977, EL17/1968	
Physical Description	19 volumes VOL 1 = 10PP, 1 PLAN; VOL 2 = 4PP, 1 PLAN;	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana	
Geographic	Emu River, Hampshire, Limestone Creek, Old Park River, Valentines Creek	
Activities	Analysis, Diamond, Drilling, Environment, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Mineral Process., Misc and Fuels, Ore Reserves, Petrology, Surface mapping, Water	

Minerals	Iron, Magnetite, Scheelite, Tungsten	
Deposits	Bobs Bonanza, Hampshire, Kara, Lohreys	
Keywords	Felsic Volcanics, Gordon Limestone(S), Husetop Granite(S), Skarn	
Annotation	Infill drilling at Kara North 266, Kara No. 1 south and Kara No. 1 main increased geological reserves of fresh and partially weathered ore with open pit mining potential. Exploration drilling over magnetic anomalies for suspected subsurface skarns is successful to date and is continuing. Further geological mapping, geochemistry, geophysics and drilling is recommended.	
Report	81_1625	
Date		1/11/1981
Authors(s)	Whitehead, C.H.	
Title	Summary Report of Completed Work Programme Exploration Licence 17/68 and Consolidated Lease 105M/77 Period May 4th 1981 to November 3rd 1981.	
Company(s)	McIntyre Mines (Australia) Proprietary Limited, Tasminex NL	
Tenement(s)	105M/1977, EL17/1968	
Physical Description	3 volumes 18PP, 2 ATTACHMENTS, 7 APPX, 8 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana	
Geographic	Hampshire, St Valentines Peak	
Activities	Analysis, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Mineral Process., Mineral/Gossan, Mining, Misc and Fuels, Ore Reserves, Petrology, Rock-chip, Soil (A,B,C horiz), Stream sediment, Surface mapping	
Minerals	Cassiterite, Fluorine, Fluorite, Iron, Magnetite, Scheelite, Silver, Tin, Tungsten	
Deposits	Hampshire, Kara	
Keywords	Gordon Limestone(S), Husetop Granite(S), Skarn	
Annotation	Exploration for scheelite bearing skarns is continuing in the outlying sections of the E.L.. A pre-development program has commenced, the first phase of which includes extensive infill diamond drilling and metallurgical studies aimed at increasing known reserves of recoverable scheelite at the main Kara tungsten bearing skarn zones.	
Report	88_2764	
Date		1/11/1987
Authors(s)	Whitehead, C.H.	
Title	Exploration Licence 17/68, Annual Report, November 4, 1986 - November 3, 1987	
Company(s)	Tasmania Mines Limited, Tasmania Mines NL	
Tenement(s)	EL17/1968	

Physical Description	1 volumes 12PP, 15 APPX, 1 FIG, 6 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana	
Geographic	Hampshire, Wollastonite Creek	
Activities	Analysis, Bed-rock, Diamond, Drilling, Geochemistry, Geology, Geophysics, Indust. Minerals, Metallic minerals, Mine/Deposit, Mineral Process., Misc and Fuels, Petrology, Rock-chip, Surface mapping	
Minerals	Gold, Iron, Magnetite, Scheelite, Tungsten, Wollastonite	
Deposits	Kara	
Keywords	Gordon Limestone(S), Replacement Mineralisation, Skarn	
Annotation	A summary of ongoing exploration for tungsten and recent evaluation of gold potential on the licence. Wollastonite occurrences and beneficiation properties are investigated.	
Report	82_1794	
Date		1/08/1982
Authors(s)	Whitehead, C.H.	
Title	Exploration Licence 17/68 and Consolidated Lease 105M/77, Quarterly Report for the Period May 4th 1982 to August 3rd 1982	
Company(s)	McIntyre Mines (Australia) Proprietary Limited, Tasminex NL	
Tenement(s)	105M/1977, EL17/1968	
Physical Description	1 volumes 5PP, 1 APPX, 1 PLAN,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana	
Geographic	Emu River, Hampshire, Horizontal Creek, Loudwater Creek, St Valentines Peak	
Activities	Analysis, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Metallic minerals, Stream sediment, Surface mapping	
Minerals	Iron, Magnetite, Scheelite, Tungsten	
Deposits	Kara	
Keywords	Gordon Limestone(S), Housetop Granite(S), Skarn	
Annotation	Engineering, production, economic and metallurgical studies are being completed. Infill and exploratory drilling to investigate possible mineralisation associated with suspected buried subsurface skarns is continuing. A ground magnetic survey indicated extensions of the Hampshire magnetite skarn in a northerly direction beneath shallow basalt cover.	

Report	82_1878	
Date		1/09/1982
Authors(s)	Lawton, J.J.	
Title	E.L. 4/77 - Highclere. Progress Report on Exploration During the Period March 1980 - August 1982.	
Company(s)	Comalco Limited, The Shell Company of Australia Limited	
Tenement(s)	EL4/1977	
Physical Description	1 volumes 12PP, 2 APPX, 17 FIG, 11 PLANS,	
Digital Media		
Other Ref.	08-1069	
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie, 80152 Loongana, 80153 Waratah	
Geographic	Guide River, Highclere, St Valentines Peak	
Activities	Air electromag, Air magnetic, Air radiometric, Analysis, Diamond, Drilling, EIP/MIP, Geochemistry, Geology, Geophysics, Gnd electromag, Gnd magnetic, Logs, Metallic minerals, Misc and Fuels, Percussion, Petrology, Resistivity, Soil (A,B,C horiz), Surface mapping, Well-logging	
Minerals	Iron, Magnetite, Pyrrhotite, Tin, Tungsten	
Deposits	Buckby, Hampshire Iron	
Keywords	Burnie Formation(S), Dundas Group(Sc), Gravity Modelling, Housetop Granite(S), Max-Min-EM, Replacement Mineralisation, Skarn, Tertiary Basalt, Ultramafics	
Annotation	A summary of tin-tungsten exploration adjacent to the western margin of the Housetop Granite. It is considered unlikely that magnetite skarn of significant tonnage exists beneath Tertiary basalt cover on the western margin of the granite within the licence. An INPUT survey, aimed at locating conductive massive sulphide mineralisation has delineated ten anomalies which are currently being followed up.	
Report	82_1820	
Date		1/07/1982
Authors(s)	Ruxton, P.A.	
Title	E.L. 8/77 - Riana, Progress Report on Exploration During the Period 1/8/81 to 1/7/82.	
Company(s)	Commonwealth Aluminium Corporation Limited, The Shell Company of Australia Limited	
Tenement(s)	EL8/1977	
Physical Description	2 volumes 11PP, 9 APPX, 10 FIG, 34 PLANS,	
Digital Media		
Other Ref.	08-1064	
Map (250K)	SK55-5 QUEENSTOWN	
Map (50/100K)	80151 Burnie, 80152 Loongana, 81153 Wilmot, 81154 Ulverstone	
Geographic	Camena, Cuprona, Laurel Creek, Loyetea, Midgleys Falls, Natone, Penguin, Preston, Riana, Stotts Road	

Activities	Air electromag, Air magnetic, Analysis, Diamond, Drilling, EIP/MIP, Geochemistry, Geology, Geophysics, Gnd electromag, Gnd magnetic, Logs, Metallic minerals, Misc and Fuels, Percussion, Petrology, Resistivity, SP/AP/EP, Soil (A,B,C horiz), Stream sediment, Surface mapping, Well-logging	
Minerals	Cassiterite, Pyrite, Pyrrhotite, Tin, Tungsten	
Deposits	Blythe R, Copper King, Cranes, Hoopers, Neptune, Rutherford	
Keywords	Burnie Formation(S), Dolomite, Duricrust, Ferricrete, Gordon Limestone(S), Greisen, Husetop Granite(S), INPUT-EM, Max-Min-EM, Metasomatism, SIROTEM, Skarn, Ultramafics, VLF-EM	
Annotation	Several aeromagnetic and aeroelectromagnetic anomalies will be followed up with ground magnetics and EM, soil geochemistry and IP surveys in the most favourable zones. Exploration will continue at Natone to define targets for Sn and W mineralisation north of the Husetop Granite	
Report	69_0553	
Date		1/04/1969
Authors(s)	Hughes, T.D.	
Title	Natone Area - EL 14/68 and EL 13/68	
Company(s)	Hinkley D W, McDonald E H	
Tenement(s)	EL13/1968, EL14/1968	
Physical Description	1 volumes 4PP, 1 PLAN,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie	
Geographic	Blythe River, Burnie, Natone	
Activities	Diamond, Drilling	
Minerals	Hematite, Iron, Magnetite, Pyrrhotite	
Deposits	Natone	
Keywords	Fault Mineralisation, Rocky Cape Region(S)	
Annotation	Drilling in a geophysically anomalous area has commenced, but is hampered by wet conditions.	
Report	84_2085	
Date		1/12/1983
Authors(s)	Anon	
Title	Exploration Licence 23/79, Wynyard, Tasmania Annual Report for Year Ended 1st December, 1983	
Company(s)	Broken Hill Proprietary Company Limited	
Tenement(s)	EL23/1979	
Physical Description	1 volumes 10PP, 6 APPX, 9 FIG, 2 TABLES,	

Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80153 Waratah, 80154 Yolla, 80163 Wynyard	
Geographic	Calder, Cam River, Hellyer River, Wynyard	
Activities	Diamond, Drilling, Geochemistry, Geophysics, Logs, Metallic minerals, Misc and Fuels, Petrology, Physical properties, Rock-chip, Stream sediment	
Minerals	Tin	
Deposits		
Keywords	Arthur Lineament, Burnie Formation(S), Parmeener Supergroup(S), Tertiary Basalt	
Annotation	Two targets, located from aeromagnetics, were drilled through the Tertiary sequence into basement but no anomalies were detected.	
Report	84_2305	
Date		1/12/1984
Authors(s)	Whitehead, C.H.	
Title	Exploration Licence 17/68 and C.L. 105M/77 Completed Work Program and Exploration Expenditures Annual Report, Period November 4th 1983 - November 3rd 1984	
Company(s)	McIntyre Mines (Australia) Proprietary Limited, Tasminex NL	
Tenement(s)	105M/1977, EL17/1968	
Physical Description	1 volumes 5PP, 6 APPX, 3 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana	
Geographic	Hampshire	
Activities	Analysis, Diamond, Drilling, Feasibility Study, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Mineral Process., Mining, Misc and Fuels, Ore Reserves, Surface mapping	
Minerals	Iron, Magnetite, Scheelite, Tungsten	
Deposits	Kara	
Keywords	Gordon Limestone(S), Housetop Granite(S), Replacement Mineralisation, Skarn	
Annotation	Work during the year consisted of surface exploration and diamond drilling activities in the outside sections of the E.L. and detailed investigations (mine planning, economic, etc) of the main Kara WO3 bearing skarns	
Report	90_3199	
Date		1/10/1990
Authors(s)	Anon	
Title	Parts A and B, Tasmania Mines Limited Retention Licence Application Exploration Licence 17/68	

Company(s)	Tasmania Mines Limited, Tasmania Mines NL
Tenement(s)	EL17/1968
Physical Description	1 volumes 19PP, 2APPX, 1 FIG, 10 PLANS,
Digital Media	
Other Ref.	
Map (250K)	SK55-3 BURNIE
Map (50/100K)	80151 Burnie
Geographic	Hampshire, Loudwater Creek, Wollastonite Creek
Activities	Analysis, Auger/Test pits, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Mine/Deposit, Mineral Process., Misc and Fuels, Ore Reserves, Percussion, Rock-chip, Surface mapping
Minerals	Magnetite, Scheelite, Wollastonite
Deposits	Hampshire, Kara
Keywords	Skarn
Annotation	The report provides a comprehensive account of work on the Hampshire magnetite skarn and on the thermal metamorphic wollastonite deposits at Wollastonite Creek. It also reviews the potential scheelite reserves within the RL application area and gives a commodity review of wollastonite.
Report	84_2305
Date	1/12/1984
Authors(s)	Whitehead, C.H.
Title	Exploration Licence 17/68 and C.L. 105M/77 Completed Work Program and Exploration Expenditures Annual Report, Period November 4th 1983 - November 3rd 1984
Company(s)	McIntyre Mines (Australia) Proprietary Limited, Tasminex NL
Tenement(s)	105M/1977, EL17/1968
Physical Description	1 volumes 5PP, 6 APPX, 3 PLANS,
Digital Media	
Other Ref.	
Map (250K)	SK55-3 BURNIE
Map (50/100K)	80152 Loongana
Geographic	Hampshire
Activities	Analysis, Diamond, Drilling, Feasibility Study, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Mineral Process., Mining, Misc and Fuels, Ore Reserves, Surface mapping
Minerals	Iron, Magnetite, Scheelite, Tungsten
Deposits	Kara
Keywords	Gordon Limestone(S), Housetop Granite(S), Replacement Mineralisation, Skarn
Annotation	Work during the year consisted of surface exploration and diamond drilling activities in the outside sections of the E.L. and detailed investigations (mine planning, economic, etc) of the main Kara WO3 bearing skarns.

Report	84_2149	
Date		1/06/1984
Authors(s)	Sumpton, J.D.H., Turley, S.D.	
Title	1983/84 Annual Report E.L. 24/73, Follow-up of Aeromagnetic Survey of the Dial Range Trough.	
Company(s)	Duval Mining (Australia) Limited, Geopeko Limited	
Tenement(s)	EL24/1973	
Physical Description	1 volumes 20PP, 4 APPX, 4 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie, 81154 Ulverstone	
Geographic	Dial Range, Hardstaff Creek, Leven River	
Activities	Air magnetic, Analysis, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Misc and Fuels, Percussion, Petrology, Soil (A,B,C horiz), Surface mapping, Whole-rock:Major	
Minerals	Base Metals, Iron, Magnetite, Tin	
Deposits		
Keywords	Dial Range Trough(S), Replacement Mineralisation	
Annotation	Follow-up of airborne magnetic anomalies failed to delineate anomalies worthy of further exploration. At Venture 5 high geochemical values indicate a southward extension of the Dial Mine mineralised zone, but these have no genetic relation with the cause of the magnetic anomaly. A review of exploration activity is recommended.	
Report	83_2040	
Date		1/09/1983
Authors(s)	Ruxton, P.A.	
Title	E.L. 8/77 - Riana, Progress Report on Exploration During the Period 2/7/82 to 1/9/83.	
Company(s)	Commonwealth Aluminium Corporation Limited, The Shell Company of Australia Limited	
Tenement(s)	EL8/1977	
Physical Description	2 volumes 9PP, 8 APPX, 2 TABLES, 11 FIG, 35 PLANS	
Digital Media		
Other Ref.		8.2061
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie, 80152 Loongana, 81153 Wilmot, 81154 Ulverstone	
Geographic	Castra Rivulet, Cuprona, Gunns Plains, Laurel Creek, Loyetea Peak, Midgleys Falls, Natone, Penguin, Riana	

Activities	Air electromag, Air magnetic, Air radiometric, Analysis, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd electromag, Gnd magnetic, Gravity, Logs, Metallic minerals, Misc and Fuels, Percussion, Petrology, Resistivity, Rock-chip, Soil (A,B,C horiz), Surface mapping, Well-logging	
Minerals	Base Metals, Gold, Iron, Magnetite, Pyrrhotite, Tin, Tungsten	
Deposits	Natone	
Keywords	Downhole IP-Resistivity, Gordon Limestone(S), Housetop Granite(S), INPUT-EM, Max-Min-EM, Oonah Formation(S), Skarn, VLF-EM	
Annotation	Ground follow-up of eight aeromagnetic and four INPUT anomalies continued with gridding, ground magnetics and surface EM and IP techniques where warranted. Of particular interest are aeromag, INPUT and gravity anomalies in close proximity to the centre of an Ordovician synclinorium which may contain Gordon Limestone beneath basalt cover. Drilling at Natone intersected skarn with low Sn, WO3 and Au assays.	
Report	83_2045	
Date		1/09/1983
Authors(s)	Buchhorn, I.J., Lawton, J.J., Oakes, G.F., Wright, R.G.	
Title	E.L. 36/79 - Loongana, Progress Report on Exploration for the Period 1st May, 1980-30th June, 1983.	
Company(s)	The Shell Company of Australia Limited	
Tenement(s)	EL36/1979	
Physical Description	3 volumes 19PP, 7 APPX, 22 FIG, 59 PLANS,	
Digital Media		
Other Ref.		8.1266
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana, 80153 Waratah	
Geographic	Blythe River, Dempster Creek, Guildford, Loongana, Loongana Range, Tulip-Tree Creek	
Activities	Air electromag, Air magnetic, Analysis, Diamond, Drilling, EIP/MIP, Geochemistry, Geology, Geophysics, Gnd electromag, Gnd magnetic, Logs, Metallic minerals, Misc and Fuels, Petrology, Resistivity, Rock-chip, Soil (A,B,C horiz), Surface mapping, Well-logging	
Minerals	Base Metals, Cassiterite, Iron, Magnetite, Pyrite, Scheelite, Tin, Tungsten	
Deposits	Blythe R, Challenger Anomalies, Tulip Ck	
Keywords	Felsic Volcanics, Gordon Limestone(S), Housetop Granite(S), INPUT-EM, Max-Min-EM, Replacement Mineralisation, Skarn, VLF-EM	
Annotation	Follow-up of aeromagnetic and EM surveys failed to locate zones of economic interest. Further work is required to evaluate the potential of the challenger ii prospect.	
Report	87_2660	
Date		1/04/1987
Authors(s)	Von Strokirch, T.	
Title	El 7/74 Moina Report on Areas Relinquished on 18 July, 1987.	

Company(s)	Billiton Australia, CRA Exploration Proprietary Limited, Comalco Limited, The Shell Company of Australia Limited
Tenement(s)	EL7/1974
Physical Description	2 volumes 29PP, 5 APPX, 32 PLANS,
Digital Media	
Other Ref.	14474,
Map (250K)	SK55-3 BURNIE
Map (50/100K)	80152 Loongana
Geographic Activities	Bull Creek, Lorinna, Moina, Mt Jacob, Smiths Plains, Tin Spur Air magnetic, Analysis, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd electromag, Gnd magnetic, Metallic minerals, Misc and Fuels, Percussion, Petrology, Soil (A,B,C horiz), Stream sediment, Surface mapping
Minerals Deposits	Base Metals, Gold, Tin Tin Spur
Keywords	Gordon Limestone(S), Mt Read Volcanics(Sc), Owen Conglomerate(S), UTEM
Annotation	A number of stream sediment and aeromagnetic anomalies have been followed up in the search of skarn related deposits. No significant resources have been located on the ground and therefore some areas are relinquished
Report Date	86_2539 1/04/1986
Authors(s)	Caithness, S.J.
Title	Loongana EL 36/79, Report on Exploration for 12 Months to 1st April 1986.
Company(s)	Billiton Australia, CRA Exploration Proprietary Limited, The Shell Company of Australia Limited
Tenement(s)	EL36/1979
Physical Description	1 volumes 9PP, 4 APPX, 10 FIG,
Digital Media	
Other Ref.	13863
Map (250K)	SK55-3 BURNIE
Map (50/100K)	80152 Loongana
Geographic Activities	Loongana Diamond, Drilling, Geochemistry, Logs, Percussion, Stream sediment
Minerals Deposits	Barite, Barium, Base Metals, Gold Challenger Anomalies, Hellyer, Que R, Two Hummocks
Keywords	Denison Group(S), Moina Sandstone(S), Mt Read Volcanics(S), Owen Conglomerate(S), UTEM
Annotation	A regional drainage geochemical survey has been carried out over the EL. The survey was designed to look for fine gold as a primary target and as a path finder for volcanogenic massive sulphides. Two diamond drill holes were drilled on the Two Hummocks prospect in order to test a UTEM anomaly along strike of a barite occurrence. No mineralisation was intersected.

Report Date	84_2276	1/10/1984
Authors(s)	Oakes, G.F., Wright, R.G.	
Title	E.L. 4/77 - Highclere. Final Report on Exploration During the Period September, 1982 - May, 1984	
Company(s)	Billiton Australia, Comalco Limited, The Shell Company of Australia Limited	
Tenement(s)	EL4/1977	
Physical Description	2 volumes VOL 1 = 22PP, 5 APPX, 1 FIG; VOL 2 = 36 PLANS	
Digital Media		
Other Ref.		8.2493
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie, 80152 Loongana, 80153 Waratah, 80154 Yolla	
Geographic	Hampshire, Highclere, Lake Kara, Ridgley, St Valentines Peak	
Activities	Air electromag, Air magnetic, Diamond, Drilling, EIP/MIP, Geochemistry, Geology, Geophysics, Gnd electromag, Gnd magnetic, Logs, Misc and Fuels, Percussion, Petrology, Resistivity, Soil (A,B,C horiz), Surface mapping	
Minerals	Iron, Magnetite, Tin, Tungsten	
Deposits	Buckby, Cranes, Highclere	
Keywords	Burnie Formation(S), Gordon Limestone(S), Greisen, Housetop Granite(S), INPUT-EM, Max-Min-EM, Metasomatism, Replacement Mineralisation, Skarn, VLF-EM	
Annotation	Follow-up of 10 INPUT anomalies showed that most are related to conductive layers within or at the base of a thick Tertiary basalt cover. The Highclere magnetite skarn and a carbonaceous shale also produced INPUT anomalies. The greisen tin potential of the Cranes Prospect - Lake Kara area is considered to be very limited. Relinquishment is recommended. Note: appx. 1 is a portion of Geoterrex report 83-548.	
Report Date	77_1213	1/05/1977
Authors(s)	Chapman, J.R., Scott, T.B.	
Title	Progress Report to 30 April, 1977 Exploration Licence No. 24/73, Dial Range Project - Tasmania.	
Company(s)	Pennzoil of Australia Limited	
Tenement(s)	EL24/1973	
Physical Description	1 volumes 11PP, 1 FIG, 7 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	81154 Ulverstone	
Geographic	Adit Creek, Allison Creek, Dial Range, Hardstaff Creek, Revell Creek, Walloa Creek, Whisky Creek	

Activities	Analysis, Diamond, Drilling, EIP/MIP, Geochemistry, Geophysics, Logs, Metallic minerals, Misc and Fuels, Ore Genesis, Resistivity, Soil (A,B,C horiz)	
Minerals	Base Metals, Chalcocite, Chalcopyrite, Copper, Pyrite	
Deposits	Dial, Russell	
Keywords	Dial Range Trough(S), Felsic Volcanics, Gossan, Stratigraphy, Vein Mineralisation, Volcanic Hosted Mineralisation	
Annotation	Drilling has shown that the environment on the Dial Mine grid, in which extensive gossanous pyroclastics occur, is a large pyritised volcanoclastic/ sediment sequence probably near a vent but too unstable to allow accumulation of an extensive sulphide body. However, DDH4 indicated the presence of a favourable environment for economic sulphide deposition near the old Dial Mine adit and further work is recommended. Geochemical and geophysical surveys in the Whiskey Ck, Russells Mine and Lings Farm areas failed to produce encouraging results and no further work is recommended.	
Report	81_1591	
Date		1/05/1981
Authors(s)	Large, R.R.	
Title	Progress Report - E.L. 24/73 Dial Range - 1980 Field Season	
Company(s)	Duval Mining (Australia) Limited, Geopeko Limited	
Tenement(s)	EL24/1973	
Physical Description	1 volumes 18PP, 4 APPX, 7 FIG, 9 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	81154 Ulverstone	
Geographic	Dial Range, Revell Creek	
Activities	Analysis, Diamond, Drilling, Geochemistry, Logs, Metallic minerals, Misc and Fuels, Petrology, Stream sediment	
Minerals	Base Metals, Chalcocite, Copper, Pyrite, Tin	
Deposits	Dial	
Keywords	Dial Range Trough(S), Felsic Volcanics	
Annotation	Diamond drilling on the Dial Mine grid intersected a sequence of calcareous and dolomitic sediments and breccias favourable for Sn mineralisation, but only minor Sn grades were encountered. Cu mineralisation was intersected in one drill hole grading 0.68% Cu over 20 m. The form of the Cu mineralisation suggests a sedimentary/diagenetic origin, while the Sn mineralisation in the sedimentary breccias is considered to be of hydrothermal replacement origin, possibly related to emplacement of Devonian granite at depth.	

Report Date	84_2149	1/06/1984
Authors(s)	Sumpton, J.D.H., Turley, S.D.	
Title	1983/84 Annual Report E.L. 24/73, Follow-up of Aeromagnetic Survey of the Dial Range Trough.	
Company(s)	Duval Mining (Australia) Limited, Geopeko Limited	
Tenement(s)	EL24/1973	
Physical Description	1 volumes 20PP, 4 APPX, 4 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie, 81154 Ulverstone	
Geographic Activities	Dial Range, Hardstaff Creek, Leven River Air magnetic, Analysis, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Misc and Fuels, Percussion, Petrology, Soil (A,B,C horiz), Surface mapping, Whole-rock:Major	
Minerals Deposits	Base Metals, Iron, Magnetite, Tin	
Keywords	Dial Range Trough(S), Replacement Mineralisation	
Annotation	Follow-up of airborne magnetic anomalies failed to delineate anomalies worthy of further exploration. At Venture 5 high geochemical values indicate a southward extension of the Dial Mine mineralised zone, but these have no genetic relation with the cause of the magnetic anomaly. A review of exploration activity is recommended	
Report Date	UR1980_15	4/06/1980
Authors(s)	Matthews, W.L.	
Title	Subsurface Investigations at the Guide River Dam Site.	
Company(s)		
Tenement(s)		
Physical Description	1 volumes 12PP, 5APPX, 3TABLES, 12FIG	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80151 Burnie	
Geographic Activities	Guide River Auger, Diamond, Drilling, Engineer. Geol, Geology, Geophysics, Logs, Site investigations, Slope stability	
Minerals Deposits	Clay	

Keywords	Burnie Formation(S), Cretaceous-Quaternary, Dam Site, Foundations, Material Properties, Permeability	
Annotation	Subsurface investigations at the proposed Guide River dam site have shown that weathered basalt with some unweathered basalt overlies Precambrian mudstone and sandstone. Substantial leakage problems with pump testing suggest special measures will need to be taken to seal the dam. The rock types in the area show relatively high shear strength and although conditions are less than ideal, a dam could be safely built. A rock fill construction with a clay core would be most practical, however suitability of local materials should be further tested.	
Report Date	89_3025	1/09/1989
Authors(s)	Whitehead, C.H.	
Title	Exploration Licence 17/68, Kara-Hampshire, N.W. Tasmania, Annual Report, 4th November, 1988 to 4th November, 1989	
Company(s)	Tasmania Mines Limited, Tasmania Mines NL	
Tenement(s)	1371P/M, EL17/1968	
Physical Description	1 volumes 7PP, 3 APPX, 5 PLANS,	
Digital Media		
Other Ref.		
Map (250K)	SK55-3 BURNIE	
Map (50/100K)	80152 Loongana	
Geographic	Emu River, Hampshire	
Activities	Analysis, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Logs, Metallic minerals, Percussion, Rock-chip, Surface mapping	
Minerals	Gold, Iron, Magnetite, Scheelite, Silver, Tungsten, Wollastonite	
Deposits	Hampshire Iron, Hampshire Silver, Kara	
Keywords	Gordon Limestone(S), Replacement Mineralisation, Skarn	
Annotation	A summary of on-going investigations into the magnetite, scheelite, wollastonite, silver and gold potential of the licence. Rock-chip sampling of skarns produced low tenor results for gold (up to 0.12 g/t) and silver (up to 21 g/t).	
Report Date	88_2759	1/11/1986
Authors(s)	Whitehead, C.H.	
Title	Exploration Licence 17/68 Annual Report November 4th 1985 - November 3rd 1986	
Company(s)	Tasmania Mines Limited, Tasmania Mines NL	
Tenement(s)	EL17/1968	

Physical Description	2 volumes A23PP, 11 APPX, 18 PLANS,
Digital Media	
Other Ref.	
Map (250K)	SK55-3 BURNIE
Map (50/100K)	80152 Loongana
Geographic	Hampshire
Activities	Analysis, Bed-rock, Diamond, Drilling, Geochemistry, Geology, Geophysics, Gnd magnetic, Indust. Minerals, Logs, Metallic minerals, Mineral Process., Mining, Misc and Fuels, Ore Reserves, Soil (A,B,C horiz), Stream sediment, Surface mapping
Minerals	Iron, Magnetite, Scheelite, Tungsten, Wollastonite
Deposits	Kara
Keywords	Gordon Limestone(S), Replacement Mineralisation, Skarn
Annotation	A summary of on-going exploration. A new area of tungsten mineralisation is identified along the eastern limb of the Kara synform. Open-cuttable scheelite reserves increased in the Kara South-Eastern Ridge areas.