

KUTH EXPLORATION P/L

SEL26/2005

**DRILL HOLE LOCATION EXERCISE
EASTERN TASMANIA
MARCH – MAY 2007**

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Appendix 1 of the 1st Annual Report on SEL26/2005

CONTENTS

	Page No.
SUMMARY	2
1. INTRODUCTION	
1.1 Scope	3
1.2 Tenure	3
1.3 Location and Access	4
Location	4
Access	4
2. DRILL HOLE EXPLORATION EXERCISE	
2.1 Objectives	5
2.2 Equipment	5
2.3 Data collection and collation	6
3. RESULTS	6
4. SUMMARY	17
LIST OF TABLES	
1. Summary of the status of the drill sites	6
2. List of drill sites with drill hole found and collar apparent	9
3. List of drill sites that were found with no collar apparent	11
4. List of drill sites where no drill pad found	13
5. List of the drill sites that were not visited due to inaccessibility	15
LIST OF FIGURES	
1. Location map displaying the KUTh Exploration SEL and drill hole areas	3
2. Distribution of drill sites with drill hole found and collar apparent	8
3. Distribution of drill sites found with no collar apparent	8
4. Distribution of drill sites where no drill pad found	8
5. Distribution of drill sites that were not visited due to inaccessibility	8
APPENDIX I: Photos of drill sites where collar pipes were found	A1
APPENDIX II: Photos of drill sites where pad found but no collar pipe	A5

SUMMARY

This report reviews the processes and results involved with an exercise to locate minerals drill holes within SEL26/2005 which might be able to be re-entered to take thermal readings. Although the exercise was not technically challenging, and in fact was largely unsuccessful, detail has been provided in the interests of documenting the fate of many hundreds of thousands of dollars (if not millions of 2007 dollars) of assets (boreholes) and the effect of drill site rehabilitation and natural bush regeneration of drill sites.

For a drill hole to be of interest to the project it had to be within the SEL (or in a Mining Lease where the lease holder gave permission to access the hole), be at least 200m deep vertically, and be accessible by vehicle (for the down-hole thermal work later). Before commencing field work all of the potentially useful holes were determined and plotted on 1:25,000 maps and reported co-ordinates entered into a handheld GPS.

Given the large area of the SEL, the lease was broken down into seven areas: Beaconsfield and surrounds, Lefroy, The Midlands, Mt. Nicholas area, Fingal Tier, Royal George and Surrounds, and Rossarden and Surrounds. Most sites proved to be accessible by 4WD, except in the Fingal Tier area where just over half of the sites were inaccessible by vehicle.

During the five weeks it took to complete the field work, 151 drill holes were considered for investigation, and 21 were located with recognisable collars. Of these, very few were later concluded to be likely to be open at depth and these were concentrated into relatively narrowly confined areas, and hence of little value to the later down hole thermometry work.

A point to be made is that once, drilled, a borehole remains a potential asset to later explorers and total rehabilitation of a drill site (or at least benign neglect) may not be in the long term interests of the environment. To replace the lost opportunity of minerals drill sites rehabilitated or decayed to the point of disappearance, KUTh will need to drill new holes, thus causing fresh disturbance.

1. INTRODUCTION

1.1 SCOPE

This report presents the results of the drill hole exploration exercise completed in the Special Exploration Licence 26/2005 during the period from March 2007 to May 2007. A total of 151 pre-existing drill holes were considered for the exercise, and the finding of each is included in this report.

1.2 TENURE DETAILS

Special Exploration Licence 26/2005 was granted to KUTh Exploration Pty. Ltd. on 7 August 2006, covering 12,360km². Excluded from the SEL were many areas, including Commonwealth land, Mineral leases, RAMSAR wetlands, historic sites etc. The area quoted takes account of the excluded areas.

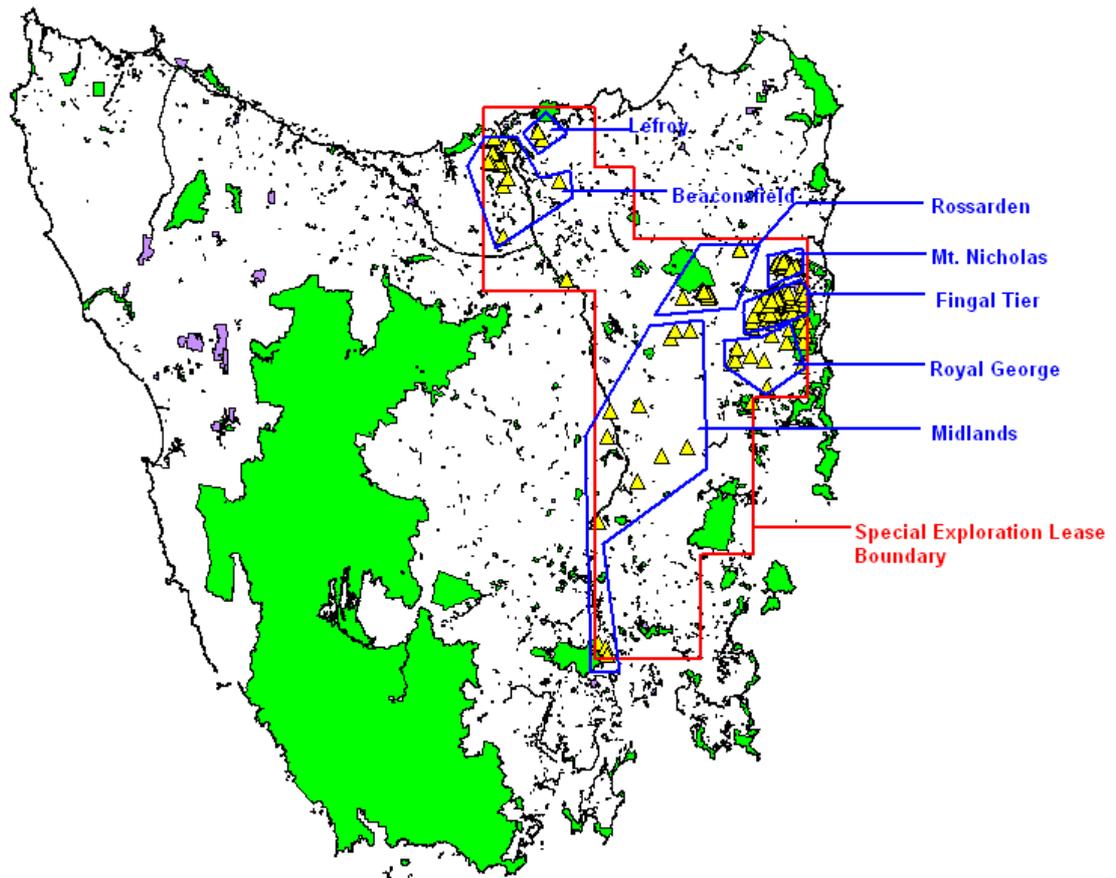


Figure 1: Location map displaying the KUTH Exploration SEL and drill hole areas. the triangles represent the drill holes of interest, and the green areas within the SEL boundary represent the excluded areas

1.3 LOCATION AND ACCESS

Location

As displayed in *Figure 1*, the SEL covers much of the east of the State, extending from Weymouth (5,460,000m N) in the north, and Hobart (5,250,000m N) in the south. The eastern most extent of the SEL is at 477,500m E, and the Western boundary at 600,000m E (all co-ordinates are using the AGD66 datum).

For the exercise, the SEL was divided into seven areas.

Beaconsfield and Surrounds

Lefroy

The Midlands

Mt Nicholas area

Fingal Tier and Surrounds

Royal George and Surrounds

Rossarden and Surrounds

Access

A 4WD was used to gain access to the drill sites, which was usually via pre-existing forestry roads; and less often via private farmland tracks; service roads; or main roads. Many of the original drill access tracks have become heavily overgrown, and some temporary creek crossings have collapsed; thus rendering the sites inaccessible by vehicle today.

Beaconsfield and Surrounds: the Beaconsfield area is served by the West Tamar Highway (A7) North from Launceston. The road/secondary road network in the Beaconsfield area was sufficient to reach all of the drill sites without any difficulty

Lefroy: the Lefroy area is served by the East Tamar Highway (A8) North from Launceston. To reach Lefroy, take Bridport Road (B82) approximately five km before George Town. All of the drill sites in the Lefroy area were accessed using partially overgrown, non-gazetted bush tracks.

The Midlands: served by the Midlands Highway (A1), also known as the Heritage Highway. Most of the drill sites in the Midlands area were on private property, and were reached on easy tracks on grazed farmland.

Mt Nicholas area: the Nicholas Range has a number of good condition roads which service forestry operations of the 'Mt Nicholson Pine Plantation', and can be reached by Esk

Main Road (A4) West from the Midlands Highway. To reach this area, take Mt Nicholas Road (C430) approximately 10km after Fingal.

Fingal Tier and Surrounds: The Fingal Valley is a broad flat valley surrounded by mountain ranges. All of the drill sites in this area are found within the extensive range known as Fingal Tier. The Tier rises sharply out of the Fingal Valley to about 700m above sea level. Fingal Tier can be reached from Valley Road, which is approximately five kilometres North West of Fingal, along Esk Main Road (A4). Fingal Tier is traversed by a plethora of roads which service forestry operations; some of which are in good order, others in poor repair. The forestry roads on Fingal Tier were somewhat difficult to navigate given the construction of roads not shown on the latest edition TASMAPS, and the absence of others that are shown on the maps.

Royal George and Surrounds: Royal George is served by Royal George Road (C301), East from Avoca. The majority of drill sites in this area are on private farmland.

Rossarden: Rossarden is served by Rossarden Road (B52) from either Avoca or Fingal. Most of the holes in this area are relatively old (drilled in the 1960's), and found very close to the main road, or within the old Rossarden mining area.

2. DRILL HOLE EXPLORATION EXERCISE

2.1 OBJECTIVES

The prime objective of the was to locate pre-existing drill holes within the SEL that are at depth of 200m (vertical) or more, have vehicle access, and most importantly are open. Once all of the suitable drill holes were it was planned that a team will return at a later date to do down-hole thermometry.

2.2 EQUIPMENT

The majority of the drill hole exploration field work was carried out by a one or two person crew, operating under strict Standard Operating Procedures (SOPs), and carrying at all times appropriate emergency and first aid equipment.

Most drill sites were reached using a 4WD, although there were a handful of sites that were accessible only by foot.

A Magellan 'explorist 210' handheld GPS was used concurrently with the series of 1:25 000 TASMAPS to find the location of the drill sites

2.3 DATA COLLECTION AND COLLATION

Open file grid references were used to find the approximate location of the drill hole, then foot traverses of the area were used to attempt to locate the drill pad and collar.

The findings at each drill site are placed into one of the following four categories:

- a) drill site located, with collar found;
- b) drill site located, no collar apparent;
- c) drill pad not located;
- d) unable to access site.

Photos of the drill hole/drill site were taken for records.

3. RESULTS

The results of the drill hole exploration exercise accompany this report in the form of four tables; one for each category of the findings of the drill site, and four figures that display the distribution of the holes as they are categorised.

The major results are summarised in Table 1 below:

Table 1: summary of the status of the drill sites in each area

<i>Site Status</i>	<i>Beaconsfield</i>	<i>Lefroy</i>	<i>Midlands</i>	<i>Mt. Nicholas</i>	<i>Fingal Tier</i>	<i>Royal George</i>	<i>Rossarden</i>	<i>Total No.</i>
<i>Site located, collar found</i>	4	3	3	3	5	1	2	21
<i>Site located, no collar</i>	3	2	1	10	15	2	6*	39
<i>Drill pad not found</i>	5	1	3	0	16	9	11	45
<i>Inaccessible</i>	1	0	3	0	41	0	1	46
Total	13	6	10	13	77	12	20	151

* includes some where iron pipe found, probably not collar pipe

A number of holes in the Beaconsfield and Lefroy area were recent holes, accessed with permission of the respective current tenement holders.

Each of the drill sites in the Mt Nicholas area are within the Cornwall Coal mining lease.

Discussion with the mine manager revealed that, where possible, the drill holes were filled in with concrete immediately after the core had been extracted. On exploring the area it was

discovered that all of the drill sites within the Nicholas Pine Plantation (off Catos Rd – C421) were within meters of the road, with obvious earthworks/drilling debris at the drill sites, however, no drill holes remained.

Only five drill holes out of a possible 77 were located in the Fingal Tier area (6.5% success rate). Given that 41 of the drill holes were not assessed due to access issues, there may well be several more open drill holes in the area that were not visited.

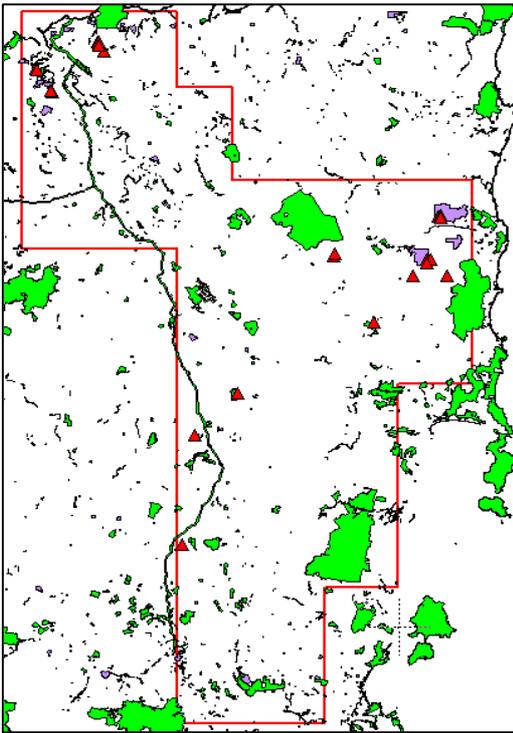


Figure 2: distribution of drill sites with a collar located

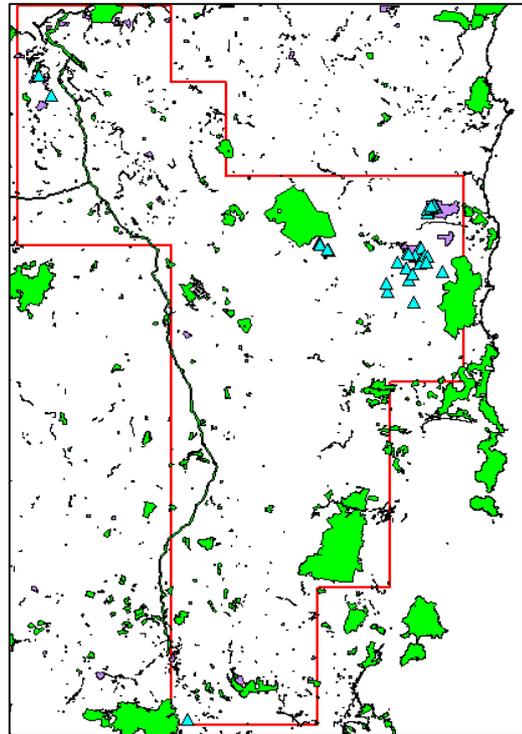


Figure 3: distribution of drill sites with no collar apparent

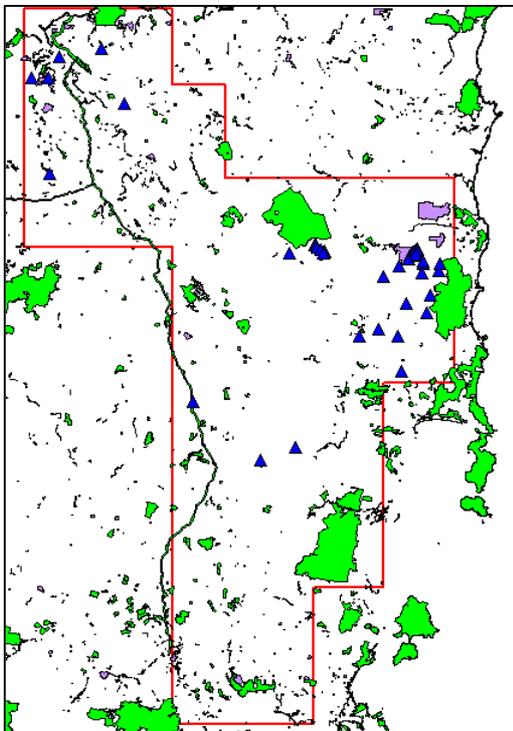


Figure 4: distribution of drill sites where no drill pad was found

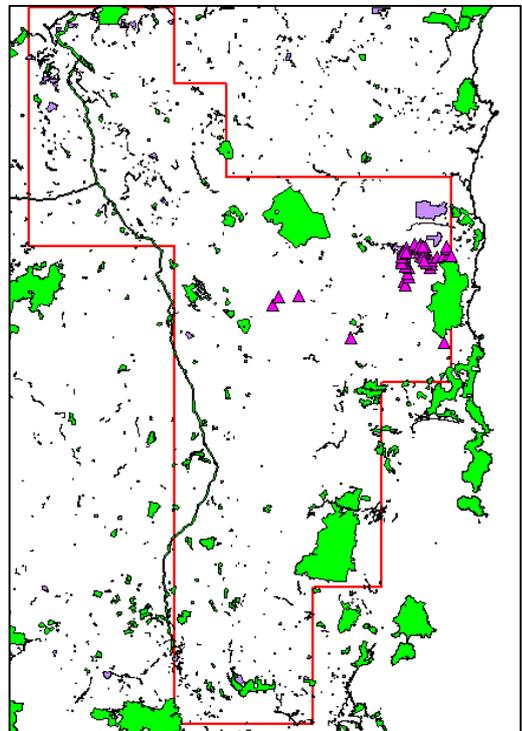


Figure 5: distribution of drill sites not visited due to access issues

TABLE 2: List of the drill sites found, with collar apparent

Drill ID (MRT or company)	Length m	Dip	Easting (GPS) AGD66	Northing (GPS) AGD66	Tasmap	Drill Date	Vehicle Access	Hole Details	Land holder	Related Report No. (MRT open file)
Beaconsfield and Surrounds										
BJV52	550	45	485771	5436417	Beaconsfield	2006	Drive to hole	Welded cap, iron collar pipe	Forestry Tas – on Beaconsfield Mining Lease	
BJV53	550	45	485469	5436365	Beaconsfield	1/1/2007	Drive to hole	Welded cap, iron collar pipe	Forestry Tas – on Beaconsfield Mining Lease	
22474	202	90	481781	5442659	Bell Bay	2005	Drive to hole	Uncapped PVC collar pipe at ground level	Michelle & Troy Hillier	05_5230
22475	202	90	481347	5442922	Bell Bay	2005	Drive to hole	Uncapped PVC collar pipe at ground level	Harvey & Hazel Holmes	05_5230
Lefroy										
LFD101	400	-60	498586	5450857	Low Head	2006	Drive to hole	Capped PVC collar pipe	Crown	
Mine Shaft	n/a	90	498735	5450026	Low Head	n/a	within 50m	1.5m ² open shaft	Crown	
19365	325.6	90	499816	5448093	Low Head	1995	within 100m	Welded cap, iron collar pipe	Forestry Tas	n/a
19366	283.5	90	499816	5448093	Low Head	1998	within 100m	Welded cap, iron collar pipe	Forestry Tas	98_4150
19367	421.5	90	498119	5450988	Low Head	1995	within 100m	Welded cap, iron collar pipe	Forestry Tas	98_4150
Midlands										
5327	221	90	521237	5302663	Stonor	1982	Drive to hole	Uncapped iron collar pipe. 1.5m high	Elizabeth & Gerard McShane	ER8313S0
13978	914.45	90	524509	5334875	Faddens	1983	Drive to hole	Capped PVC collar pipe at ground level	Medoutcomes P/L	ER8313N0
13583	652.8	90	536281	5347161	Ellinthorpe	1983	Drive to hole	In sandstone block at ground level	Richard & Jill Bennett	ER8313N0
Mt. Nicholas – within Cornwall Coal Mining Lease										
12014	335	90	590899	5399594	St Marys	1980	Within 50m	No collar pipe	Forestry Tas – Cornwall Coal lease	81_1522 83_1896

15250	238.3	90	591517	5399242	St Marys	1980	Within 10m	No collar pipe	Forestry Tas – Cornwall Coal lease	83_1896
15257	283.88	90	591458	5399717	St Marys	1982	Within 10m	3 collar pipes inside each other	Forestry Tas – Cornwall Coal lease	83_1896
Fingal										
3561	558	90	587956	5386911	Fingal	1979	Within 200m	Uncapped 15cm diameter Fe collar pipe	Forestry Tas	UR1983_46
3564	584	90	588985	5386631	Fingal	1979	Drive to hole	Welded cap, 20cm diameter hole	Forestry Tas	UR1983_46
3566	506.03	90	587882	5385654	Fingal	1979	Scrubby/within 50m	No collar pipe, drilled into top rock outcrop	Forestry Tas	UR1983_46
3592	488.81	90	584133	5381975	Fingal	1980	Within 250m	Fe collar pipe at ground level	Forestry Tas	UR1983_46
3605	438.7	90	593297	5381908	Fingal	1981	Within 220m	No collar pipe	Forestry Tas	UR1983_46
Royal George and Surrounds										
12826	266.4	58	573361	5368275	Roys	1979	Within 20m	Welded cap, 1m Fe collar pipe	Angela & Robert Gee	79_1397 90_3129
Rossarden and Surrounds										
Mine shaft	n/a	90	562577	5387933	Rossarden	n/a	Drive to hole	Large diameter hole, lift able cap		n/a
Headframe	6.5s freefall?	90	563055	5388429	Rossarden	n/a	Within 100m	Drilled into concrete		n/a

Table 3: List of the drill sites found, with no collar apparent

Drill ID No. (MRT or company)	Drill Date	Easting (GPS) AGD66	Northing (GPS) AGD66	TASMAP	Site Details	Land holder	Related Report No. (MRT open file)
Beaconsfield and Surrounds							
9660	1972	486844	5433655	Beaconsfield	Very Scrubby, lots of drilling debris	Forestry Tas	84_2311
19247	1997	483415	5439602	Beaconsfield	Drill pad cut in, hole filled over	Adam Booth	97_4051
19249	1997	483415	5439602	Beaconsfield	Drill pad cut in, hole filled over	Adam Booth	97_4051
Midlands							
13594	1987	524476	5251558	Hobart	Hole present in sandstone block, filled with glass/sand etc	Crown	n/a
Mt. Nicholas - Cornwall Coal Mining Lease							
3552	1978	584953	5387560	Fingal	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	UR1983_46 79_1333
3554	1978	584649	5387867	Fingal	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	UR1983_46 79_1333
6143	1971	591971	5401972	Dublin Town	Lots of drilling debris	Forestry Tas – Cornwall coal lease	UR1983_46 79_1333
12010	1980	592495	5401075	Dublin Town	No obvious drill pad, but debris (including discarded collar pipe) found	Forestry Tas – Cornwall coal lease	81_1522 83_1896
12012	1980	591246	5400770	Dublin Town	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	81_1522 83_1896
15246	1980	590299	5400516	Dublin Town	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	83_1896
15247	1980	590299	5399561	St Marys	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	83_1896
15249	1980	591764	5401381	Dublin Town	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	83_1896
15253	1980	591160	5401524	Dublin Town	Found hole – filled with concrete	Forestry Tas – Cornwall coal lease	83_1896
15255	1982	590764	5400973	Dublin Town	Drill pad cut in, area cleared	Forestry Tas – Cornwall coal lease	83_1896
Fingal Tier							
3536	1971	588384	5389039	Fingal	Obvious drilling site	Forestry Tas	UR1983_46 79_1333

3538	1974	589656	5386946	Fingal	Obvious drilling site, lots of drill debris	Forestry Tas	UR1983_46 79_1333
3540	1973	579211	5376590	St.Pauls Dome	Obvious drilling site	Forestry Tas	UR_1983_46
3549	1977	586664	5386968	Fingal	Obvious drilling site	Forestry Tas	UR1983_46 79_1333
3551	1977	582003	5385109	Fingal	Obvious drilling site	Scott Arnold	UR1983_46 79_1333
3560	1978	588097	5389662	Fingal	Obvious drilling site	Forestry Tas	UR1983_46 79_1333
3565	1979	588516	5385916	Fingal	Obvious drilling site	Forestry Tas	UR1983_46
3568	1980	589749	5385088	Fingal	Obvious drilling site	Forestry Tas	UR1983_46
3570	1979	590029	5386893	Fingal	Obvious drilling site, debris left includes discarded collar pipe	Forestry Tas	UR1983_46
3577	1980	588076	5384684	Fingal	Obvious drilling site	Forestry Tas	UR1983_46
3584	1980	586038	5381636	Fingal	Obvious drilling site/debris	Forestry Tas	UR1983_46
3586	1980	584367	5383489	Fingal	Obvious drilling site	Forestry Tas	UR1983_46
3589	1980	585114	5380032	Fingal	Obvious drilling site	Forestry Tas	UR1983_46
3609	1981	594343	5382402	Fingal	Found overgrown track and drill pad/debris	Forestry Tas	UR1983_46
9613	1984	579000	5379000	St.Pauls Dome	Found blocked hole-no collar pipe at ground level	Forestry Tas	84_2193
Royal George and Surrounds							
11997	1980	583900	5363700	Henry	Drill pad cut in	Forestry Tas	81_1512
13301	1975	586300	5373500	St.John	Obvious disturbance in the vegetation – probable drill site	Anthony McShane	78_1278
Rossarden and Surrounds							
3309	1961	560600	5390400	Mangana	Found site and diggings	Forestry Tas	n/a
3311	1961	560400	5390700	Mangana	Concrete footings located – now disposal site (lots of site disturbance)	Forestry Tas	n/a
6004	1968	562810	5388840	Rossarden	Iron pipe prob not collar	Forestry Tas	n/a
6005	1967	562890	5388920	Rossarden		Forestry Tas	n/a
6011	1962	562940	5388490	Rossarden	Iron pipe prop not collar	Forestry Tas	n/a
6021	1969	560550	5390030	Mangana	Iron pipe prob not collar.	Forestry Tas	n/a

Table 4: List of the drill sites where no drill pad located

Drill ID (MRT or company)	Drill Date	Easting original	Northing original	TASMAP	Details	Land holder	Related Report No. (MRT open file)
Beaconsfield and Surrounds							
6298	1973	484640	5439720	Bell Bay	Pine Plantation	Glynn & Graham Taylor	75_1108A
10034	1990	506200	5432100	Lillydale	Very overgrown with <i>ghania</i>	Forestry Tas	n/a
13968	1984	487605	5445834	Bell Bay	Redeveloped- woodchip mill	Tas Ports Corporation P/L	n/a
14966	1967	479700	5439500	Tamar	Area heavily disturbed by forestry	Forestry Tas	67_0465
22017	1973	485000	5411400	Tamar	Area heavily grazed	Michael Brown	n/a
Lefroy							
19586	1999	499738	5448131	Low Head	Heavily overgrown with <i>ghania</i>	Forestry Tas	
Midlands							
5349	1982	554738	5331162	Ellinthorpe	Harvested by forestry – heavily disturbed	Valerie James	n/a
11584	1981	545000	532750	Tunbridge	Heavily grazed land	Iain Burbury	81_1586
13523	1984	535984	5317944	Oatlands	Heavily grazed land	Kenneth Rupert	n/a
15805	1991	525803	5344606	Morrison	Heavily grazed land	Francis & Catriona Dowling	n/a
Fingal Tier							
3539	1973	588085	5387885	Fingal	No evidence	Forestry Tas	UR1983_46 79_1333
3542	1974	588884	5388677	Fingal	Inaccessible within 400m with vehicle	Forestry Tas	UR1983_46 79_1333
3543	1974	587379	5387365	Fingal	No evidence	Forestry Tas	UR1983_46 79_1333
3545	1976	588575	5387335	Fingal	No evidence	Forestry Tas	UR1983_46 79_1333
3546	1976	589313	5387760	Fingal	Inaccessible within 400m with vehicle	Forestry Tas	UR1983_46 79_1333
3547	1976	588094	5388535	Fingal	Found overgrown 4WD track, but no obvious site	Forestry Tas	UR1983_46 79_1333
3553	1978	589551	5288735	Fingal	Heavily disturbed by forestry operations	Forestry Tas	UR1983_46 79_1333
3562	1979	587224	5386540	Fingal	Heavily overgrown with scrub	Forestry Tas	UR1983_46

3595	1980	591243	5385885	Fingal	Found overgrown 4WD track, but no obvious site	Forestry Tas	UR1983_46
3597	1980	591054	5385192	Fingal	Found overgrown 4WD track, but no obvious site	Forestry Tas	UR1983_46
3600	1980	584421	5384507	Fingal	Site now a quarry	Forestry Tas	UR1983_46
6309	1978	595650	5383150	Fingal	In very scrubby swampland/tea-tree	Forestry Tas	87_2736
6310	1978	596050	5384900	Fingal	In very scrubby swampland/tea-tree	Forestry Tas	87_2736
9496	1984	591000	5382156	Fingal	Heavily overgrown with <i>baurea</i> and tea-tree	Forestry Tas	85_2488
12981	1979	580000	5381300	Fingal	Heavily overgrown with scrub	Forestry Tas	n/a
13062	1979	589420	5389470	Fingal	No evidence	Forestry Tas	n/a

Royal George and Surrounds

3544	1975	586294	5373414	St.John	Old 4WD track only	Anthony McShane	n/a
5613	1978	573050	5363780	Roys	Area now eucalypt plantation	Carol Grey	79_1324
5614	1978	578700	5365880	Roys	No evidence	Alistair Crisp	79_1324
6139	1978	573050	5363780	Roys	Area now eucalypt plantation	Carol Grey	79_1324
6140	1978	578700	5365880	Roys	No evidence	Alistair Crisp	79_1324
6307	1978	592250	5370800	St.John	No evidence	Forestry Tas	87_2736
6308	1978	593400	5375800	St.John	No evidence	Forestry Tas	87_2736
10265	1979	586294	5373414	St.John	Old 4WD track only	Anthony McShane	79_1333
13177	1979	584900	5353600	Apslawn	Heavily grazed area	Archibald Johnston	79_1323

Rossarden and Surrounds

3305	1960	561100	5389800	Rossarden	Forestry Tas		n/a
3306	1960	560400	5390700	Mangana	Forestry Tas		n/a
3307	1960	560400	5390700	Mangana	Forestry Tas		n/a
3308	1960	560400	5390700	Mangana	Forestry Tas		n/a
3310	1961	560600	5390400	Mangana	Forestry Tas		n/a
6006	1968	562960	5388780	Rossarden	Forestry Tas		n/a
6012	1961	562000	5389000	Rossarden	Forestry Tas		n/a
6013	1962	563210	5388500	Rossarden	Forestry Tas		n/a
6022	1969	560880	5389930	Rossarden	Forestry Tas		n/a
6024	1968	553000	5388000	Stanhope	Forestry Tas		n/a
6038	1966	562600	5388000	Rossarden	Forestry Tas		n/a
6052	1967	562600	5388000	Rossarden	Forestry Tas		n/a

Table 5: List of the drill sites that were not visited due to inaccessibility

Drill ID No. (MRT or company)	Drill Date	Easting original	Northing original	TASMAR	Reason Not Visited	Related Report No. (MRT open file)
Beaconsfield and Surrounds						
10032	1990	481900	5448900	Bell Bay	No permission from landowners	90_3135
Midlands						
11999	1980	555750	5375450	Hanleth	No permission from landowners	
12000	1987	548250	5372750	Hanleth	No permission from landowners	
13595	1980	550174	5375100	Hanleth	No permission from landowners	n/a
Fingal Tier						
3526	1965	587035	5389374	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46 79_1333
3527	1965	586187	5388579	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46 79_1333
3529	1968	586095	5387915	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46 79_1333
3541	1974	587233	5388295	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46 79_1333
3548	1976	585602	5386673	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46 79_1333
3563	1979	586728	5385786	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
3567	1979	585907	5386009	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
3573	1979	591006	5390003	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
3574	1979	591939	5389903	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
3575	1979	592715	5389846	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
3576	1980	590324	5389038	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
3578	1979	591020	5388111	Fingal	Forestry operations altered existing roads	UR1983_46
3579	1979	591126	5387069	Fingal	Forestry operations altered existing roads	UR1983_46
3580	1980	592886	5386808	Fingal	Road too rough (Creek crossing required)	UR1983_46
3581	1980	587913	5383734	Fingal	Road too overgrown	UR1983_46
3582	1980	586763	5383968	Fingal	Road too overgrown	UR1983_46
3583	1980	587494	5382058	Fingal	Road too overgrown	UR1983_46
3585	1980	586760	5385011	Fingal	Road too overgrown	UR1983_46

3590	1980	585601	5385115	Fingal	Road too overgrown	UR1983_46
3591	1980	591979	5389037	Fingal	New plantation area – old roads destroyed	UR1983_46
3593	1980	591979	5387912	Fingal	New plantation area – old roads destroyed	UR1983_46
3594	1980	593017	5387754	Fingal	New plantation area – old roads destroyed	UR1983_46
3596	1980	592905	5386048	Fingal	New plantation area – old roads destroyed	UR1983_46
3598	1980	591885	5386843	Fingal	New plantation area – old roads destroyed	UR1983_46
3599	1980	592215	5385721	Fingal	New plantation area – old roads destroyed	UR1983_46
3601	1980	586327	5379532	Fingal	Cannot located access road	UR1983_46
3602	1981	587891	5381024	Fingal	Road too overgrown	UR1983_46
3604	1981	594214	5384798	Fingal	Poor vehicle access – rough terrain	UR1983_46
3606	1981	593053	5385006	Fingal	Poor vehicle access – rough terrain	UR1983_46
3607	1981	593978	5383650	Fingal	Poor vehicle access – rough terrain	UR1983_46
3608	1981	594484	5385832	Fingal	Poor vehicle access – rough terrain	UR1983_46
3610	1981	591218	5390466	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46
12016	1979	599400	5387600	Fingal	South access- collapsed bridge. Nth access very rough terrain	81_1522
12018	1980	598900	5389800	Fingal	South access- collapsed bridge. Nth access very rough terrain	81_1522
12976	1979	600000	5387100	Fingal	Too remote (ie >500m from any constructed road)	79_1338
12977	1979	596100	5386800	Fingal	South access- collapsed bridge. Nth access very rough terrain	79_1338
12979	1979	597900	5387100	Fingal	South access- collapsed bridge. Nth access very rough terrain	79_1338
12982	1979	599000	5389000	Fingal	South access- collapsed bridge. Nth access very rough terrain	79_1338
13063	1979	589500	5390460	Fingal	Too remote (ie >500m from any constructed road)	UR1983_46 79_1333
16093	1986	585590	5385815	Fingal	Too remote (ie >500m from any constructed road)	n/a
19583	1984	586900	5378400	Fingal	Collapsed bridge 600m from drill site	98_4252

4. SUMMARY

Only a relatively small proportion of old drill holes sought were re-located with a collar pipe evident. Among these, later detailed inspection, consultation of drill logs and/or discussion with persons involved in the drill program (where able to be found) indicated that few of these holes would be open to beyond 200m.

For these reasons, it was decided not to proceed with the second stage of this program, which would have been down hole thermometry.

It is unfortunate that drill holes, which are expensive to put in, and have continuing uses, are not preserved better. Clear marking of a drill hole location, with a picket and engraved tag, and a capped collar pipe at ground level (or buried with a metal-detectable plug) would not compromise rehabilitation practices or the environment, and would enable later explorers to re-use the site if desired. The alternative is to drill new holes, which is expensive and unnecessarily re-impacts the environment.

APPENDIX I – photos from drill sites where collar pipes were found

BEACONSFIELD AND SURROUNDS



BJV52

LEFROY



22474



22475



9367



19366



LFD101



Lefroy Mine Shaft
MT NICHOLAS



12014



15257



15250



3564



3566



3592



3605(a)



3605(b)

ROYAL GEORGE



12826

ROSSARDEN AREA



Rossarden Mine Shaft



Rossarden Mine Head Frame



**APPENDIX II – photos from drill sites where drill pad was found, but no collar pipe
BEACONSFIELD AND SURROUNDS**



9660



19247/19248

MT. NICHOLAS



6143



12010



12012



15247



15249



15253

FINGAL TIER



1538



1540



3551



3565



3568



3586



3589



3609



9613

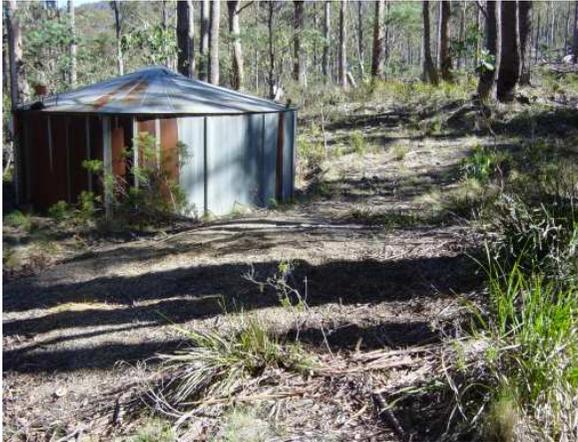


13010



11997

ROSSARDEN AND SURROUNDS



3309



6011



6021