

Q 88/3  
Q 88/3

78-1250

Q 88/3

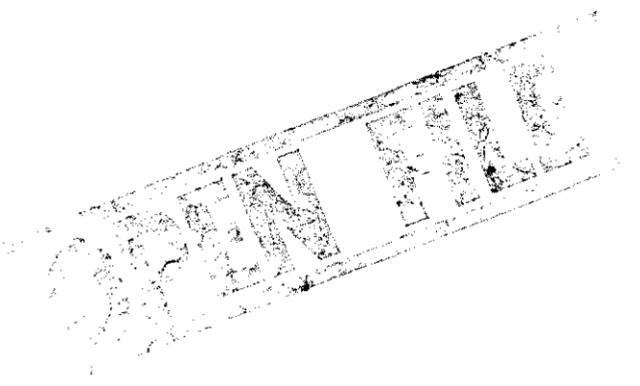
January, 1977

276001

LOUISA MINING CORPORATION N.L.

Drilling Report E.L. 14/76

BRUNY ISLAND EXPLORATIONS



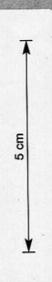
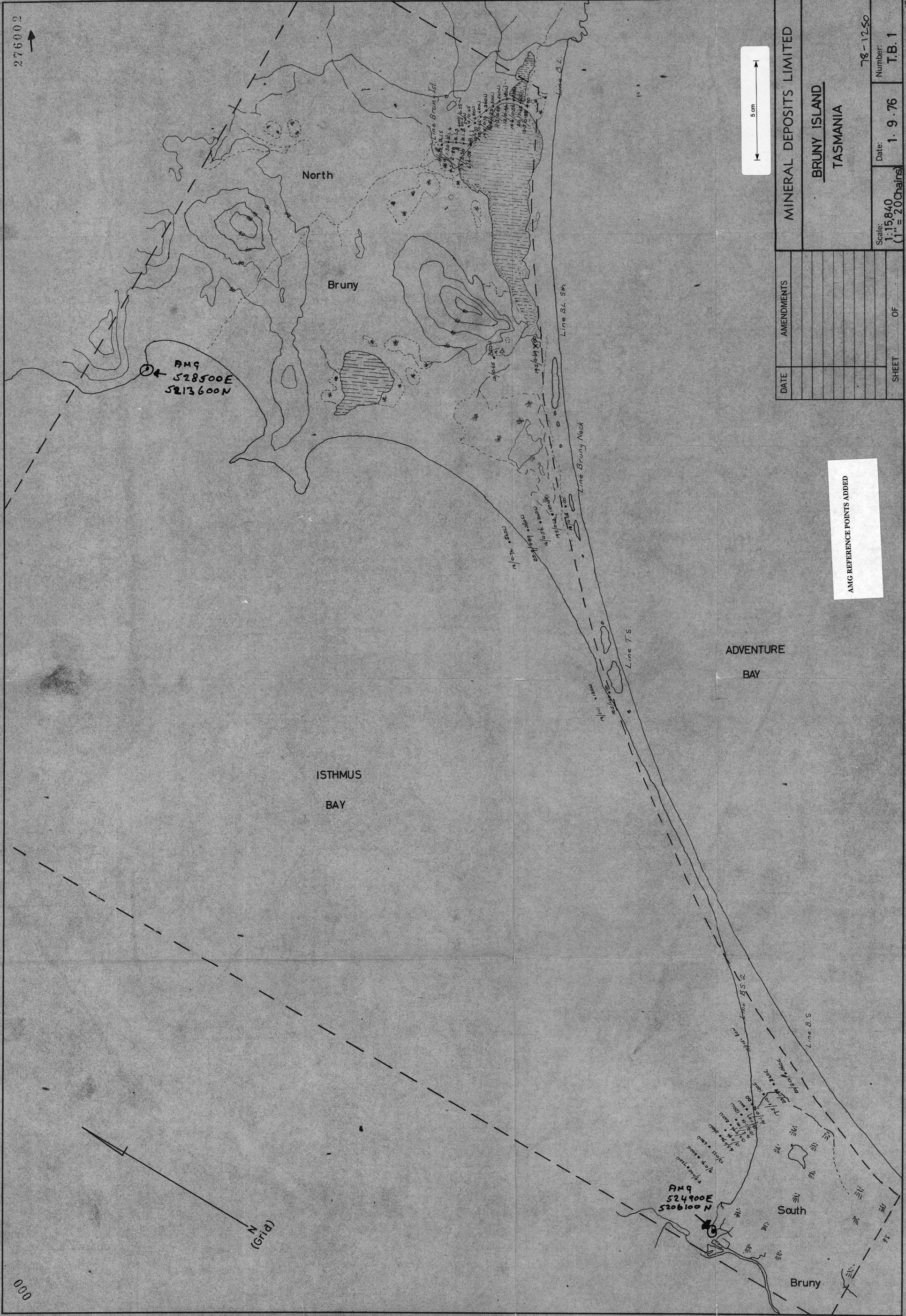
78-1250

AMG REFERENCE POINTS ADDED

276D

276002

000



MINERAL DEPOSITS LIMITED	
BRUNY ISLAND TASMANIA	
Scale: 1:15,840 (1" = 20 Chains)	Date: 1. 9. 76
Number: 78-1250	T.B. 1
DATE	AMENDMENTS
SHEET	OF

AMG REFERENCE POINTS ADDED

BRUNY STH.

B. 0300

AREA: BRUNY IS.

LINE: B.S.

BORE: 360E

DATE 29-8-76

MO(ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Gr. White Sand(m) SIMP	1		835	835	85.00	0.45	0.53
1.5	3	Brown Sand(m) MKR	2		968	968	82.00	1.23	1.50
3	4.5	Brown Sand(m) MKR	3		1186	1185	83.00	2.47	2.97
4.5	6	Brown Sand(m) LTR	4		1168	1166	81.00	1.91	2.35
6	7.5	Brown Sand(m) TR	5		1220	1217	85.00	5.18	2.69
7.5	9	Brown Sand(m) MKR	6		1280	1266	81.00	0.76	0.93
9	10.5	Gr. Grey Sand(m) LTR	7		1377	1347	83.00	2.49	2.93
10.5	12	Brown Sand(m) MKR	8		1370	1361	85.00	1.14	2.33
12	13.5	Brown Sand(m) MKR	9		1144	1139	85.00	1.02	2.20
13.5	15	Grey Sand(m) IMP	10		1356	1356	84.00	1.11	2.11
15	16.5	Grey Sand(m) SIMP	11		1205	1205	84.00	1.23	2.05
16.5	18	Grey Sand(m) MKR	12		1279	1257	83.00	1.23	2.00
18	19.5	Grey Sand(m) MKR	13		1328	1326	81.00	1.52	1.99
19.5	20	Grey Sand(m) MKR	14		1290	1287	80.00	1.77	2.01
		EB							
	20m	2" WATER							
		stopped by gravel.							

*Ermond*

TABLED SAMPLE

# SAMPLE SHEET

14.9.76 276004

AREA: BRUNY Is.

LINE: BRUNY STH.

BORE: 360 E

DATE DRILLED:

RIG:

DRILLER:

004

DEPTH		DESCRIPTION	SAMPLE NO.		TABLE W.T.		BROMFORMED W.T.		% H.M. in T.C.	H.M.	H.M. W.T. %	Cum.H.M. W.T. %	REMARKS
From	To		Field	Lab	Head	Conc. (T.C)	Head	Conc.					
0	1.5			1	758		8.74	3.60			0.47		
1.5	3.0			2	894		13.23	10.63			1.19	0.83	
3	4.5			3	1110		33.16	25.82			2.33	1.33	
4.5	6			4	1093		22.37	16.95			1.55	1.39	
6	7.5			5	1141		61.16	51.98			4.56	2.02	
7.5	9			6	1194		17.25	9.80			0.82	2.18	
9	10.5			7	1271		40.69	30.56			2.40	1.90	
10.5	12			8	1286		21.92	12.99			1.01	1.79	
12	13.5			9	1064		15.47	9.23			0.86	1.69	
13.5	15			10	1273		15.79	9.53			0.75	1.59	
15	16.5			11	1126		15.56	9.35			0.83	1.52	
16.5	18			12	1183		21.46	13.79			1.17	1.50	
18	19.5			13	1250		25.54	18.03			1.44	1.49	
19.5	20			14	1216		24.79	20.63			1.70	1.51	

*Tabled*

COPIED TO:

DATE:

PLOTTED ON PLAN No.:

DATE:

PLOTTED ON %/s No.:

DATE:

TABLED SAMPLES

# SAMPLE SHEET

276005

AREA: BRUNY Is.

LINE: BRUNY STN

BORE: 240 E DATE DRILLED:

RIG:

DRILLER:

005

DEPTH		DESCRIPTION	SAMPLE NO.		TABLE W.T.		BROMFORMED W.T.		% H.M. in T.C.	H.M.	H.M. W.T. %	Cum.H.M. W.T. %	REMARKS
From	To		Field	Lab	Head	Conc. (T.C.)	Head	Conc.					
0	1.5			1	768			20.2	12.89		1.68		
1.5	3.0			2	903			37.16	27.08		3.00	2.34	
3.0	4.5			3	1033			50.56	39.61		3.83	2.84	
4.5	6.0			4	1039			30.65	21.82		2.10	2.65	
6.0	7.5			5	1273			31.99	26.04		2.05	2.53	
7.5	9.0			6	1018			12.47	7.24		0.71	2.23	
9.0	10.5			7	1361			18.43	9.61		0.71	2.01	
10.5	12.0			8	1211			24.69	16.22		1.34	1.93	
12.0	13.5			9	1284			25.28	17.18		1.34	1.86	
13.5	15.0			10	1138			26.18	16.74		1.47	1.82	
15.0	16.5			11	1269			33.54	22.82		1.79	1.82	
16.5	18.0			12	1366			31.45	20.56		1.51	1.79	
18.0	19.5			13	311			3.80	1.29		0.41	1.69	
19.5	21.0			14	1008			14.68	7.01		0.70	1.62	
21.0	22.5			15	950			8.58	2.78		0.29	1.53	
22.5	23.0			16	318			7.73	1.35		0.42	1.46	
		C.B. 23m											

COPIED TO:

DATE:

PLOTTED ON PLAN No.:

DATE:

PLOTTED ON X/s No.:

DATE:

# SAMPLE SHEET

276006 <sup>08</sup>

BRUNY STH.

B. Goody

AREA: BRUNY IS.

LINE: BS

BORE: 240E

DATE 29.8.76

MO(ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL				H.M.	Sum
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB	ALB	Wt. %	HM. Wt. %
0	1.5	lt Brown Sand (m) MLTR	1		841	839	80.00	1076	2.19	
1.5	3	lt Brown & yellow Sand (m) LTR	2		979	976	83.00	3001	3.62	2.91
3	4.5	Brown Sand (m) LTR	3		1110	1110	85.00	4042	5.20	3.67
4.5	6	Brown Sand (m) TR	4		1113	1113	82.00	3002	3.68	3.67
6	7.5	Brown Sand (m) TR	5		1371	1347	83.00	2068	3.17	3.57
7.5	9	lt Brown Sand (m) SIMP	6		1147	1093	85.00	098	1.10	3.16
9	10.5	Grey Sand (m) IMP	7		1438	1434	82.00	068	0.83	2.83
10.5	12	Grey Sand (m) MLTR	8		1283	1283	81.00	1021	1.49	2.66
12	13.5	Grey Sand & Quartz Gravel (m) <sup>MLTR</sup>	9		1449	1260	85.00	10333	1.47	2.53
13.5	15	Grey Sand (m) MLTR	10		1255	1214	84.00	1035	1.55	2.43
15	16.5	Grey Sand (m) LTR	11		1361	1344	83.00	1068	2.00	2.39
16.5	18	Grey Sand (m) LTR	12		1444	1444	80.00	1047	1.79	2.34
18	19.5	Grey clay not Penned	13		401	386	83.00	037	0.43	2.19
19.5	21	Grey Sand (m) SIMP	14		1089	1083	84.00	063	0.75	2.09
21	22.5	Grey & lt Brown Sand (m) <sup>VLTR</sup>	15		1032	1032	81.00	027	0.33	1.97
22.5	23	Grey & lt Brown Sand (m) VLTR	16		394	394	85.00	036	0.42	1.88
23m. CB		3.2m WATER LEVEL		Stopped by Clay						

# SAMPLE SHEET

Blue 0027  
B. GOODY

TASMANIA

276007

AREA: BRUNY IS.

LINE: BRUNY STR. BORE: 120E

DATE 26.8.76.

Mo(ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Brown Sand n SMP	1	1	340	220	82.00	1.85	1.46
1.5	3	Brown Sand n SMP	2	2	1373	810	85.00	1.21	1.15
3	4.5	Grey Sand n MGR	3	3	1244	1235	85.00	0.59	1.00
4.5	6	Grey Sand n SMP	4	4	1330	1313	82.00	0.60	0.93
6	7.5	Grey Sand n SMP	5	5	1263	1163	85.00	0.89	0.93
7.5	9	Grey Sand n SMP	6	6	1403	1385	84.00	0.59	0.89
9	10.5	Grey Sand n SMP	7	7	1198	1195	84.00	0.83	0.91
10.5	12	Grey Sand n MGR	8	8	1237	1234	81.00	1.73	1.06
12	13.5	Grey Sand n MGR	9	9	1293	1291	84.00	1.79	1.18
13.5	15	Grey Sand n SMP	10	10	1147	1145	80.00	0.37	1.11
15	16.5	Grey Sand n SMP	11	11	1262	1260	83.00	1.54	1.17
16.5	17.5	Grey Sand + Clay n MGR	12	12	927	935	81.00	0.20	1.10
17.5		CB							
		Stopper on Clay							
		Water 10.							









# SAMPLE SHEET

276012

TASMANIA

B. G. G. G.

AREA: BRUNY IS.

LINE: BRUNY STH. BORE: 60W

DATE 25.8.76

Mo(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	cum H.M. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Brown Sand (M) VLTR.	1	1	620	599	82.00	0.63	0.73
1.5	3	Brown Sand (M) VLTR.	2	2	898	896	84.00	0.51	0.67
3	4.5	Grey Brown Sand (M) VLTR.	3	3	1258	1257	83.00	0.29	0.56
4.5	6	Grey Brown Sand (M) SIMF	4	4	1134	1115	84.00	0.53	0.58
6	7.5	Grey Sand (M) IMP	5	5	1677	1666	84.00	0.57	0.60
7.5	9	Grey Sand (M) LTR	6	6	1342	1340	83.00	1.045	0.79
9	10.5	Grey Sand (M) LTR.	7	7	1305	1303	80.00	1.065	0.97
10.5	12.	Grey Sand (M) LTR.	8	8	1446	1443	82.00	1.047	1.07
		12 m C.B.							
		Stopped on clay surface water							
		didn't pressure with clay. information to 161 m. shown on BS/00. unable to drill through clay this depth.							

# SAMPLE SHEET

276013

0110  
B GORDON  
MO(ii)

TASMANIA

AREA: BRUNY IS.

LINE: BRUNY STR. BORE: 120W

DATE 23.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL	ULWt.	BIB	A/B	H.M. Wt. %	Cum HM. Wt. %	
From	To		Field	Lab.	SAMPLE Wt.						
0	1.5	Brown Sand n SIMP	1	1	1115	953	85.00	0.76	0.76		
1.5	3	1/2 Brown Sand n SIMP	2	2	1167	1164	81.00	0.53	0.65	0.71	
3	4.5	1/2 Brown Sand n VKR	3	3	1330	1327	82.00	0.30	0.37	0.59	
4.5	6	1/2 Brown Sand n IMP	4	4	1158	1153	81.00	0.96	1.18	0.74	
6	7.5	1/2 Brown Sand n SIMP	5	5	1252	1244	82.00	0.48	0.58	0.71	
7.5	9	Grey Sand n IMP	6	6	1202	1200	84.00	1.08	1.28	0.80	
9	10.2	Grey Sand n TR	7	7	1301	1298	80.00	1.79	2.23	1.01	
	10.2	CB									
		Stopped on Green Clay after twice pulling back + redrilling. Also heated by tide. Surface water.									

# SAMPLE SHEET

276014

B. Good 2125

TASMANIA

AREA: BRUNY IS

LINE: BRUNY STD. BORE: 180W

DATE 23-8-76

MO(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Brown Sand m 117P	1	1	963	944	82.00	1.62	1.94
1.5	3	Je Brown Sand m 117P	2	2	919	916.50	86.00	0.67	1.36
<del>3</del>	<del>4.5</del> 7.5	Je Brown Sand m 117P	3	3	1250	1248	83.00	0.82	1.24
4.5	6	Jey Sand m 117P	4	4	1117	1100	85.00	0.89	1.19
6	7.5	Jey Sand m 117P	5	5	1202	1189	83.00	0.74	0.94
7.5	9	Jey Sand m 117P	6	6	1357	1344	84.50	0.67	1.07
9	10.5	Jey Sand m 117P	7	7	1343	1333	84.00	1.051	1.17
10.5	12	Jey Sand + Clay m 117P	8	8	1266	1257	84.00	1.017	1.38
12	13.5	Jey Sand + Clay m 117P	9	9	1195	1190	83.00	0.08	1.07
13.5	14.5	Jey Sand + Clay m 117P	10	10	1097	1061	82.50	0.30	1.00
	14.5	CB.							
		Stopped by clay							
		SURFACE WATER.							

# SAMPLE SHEET

276015

B  
M

AREA: TASMANIA

LINE: BRUNY STH. BORE: 240 W

DATE 22.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Brown Sand M IMP	1	1	202	205	86.00	1.60	1.85
1.5	3	Bru + Grey Sand M MLTR	2	2	1362	1356	82.00	0.70	0.85
3	4.5	Grey Sand M MLTR	3	3	1659	1651	24.00	0.64	1.15
4.5	6	Grey Sand + Clay M MLTR	4	4	1716	1398	82.00	0.81	1.07
6	7.5	" " " M IMP	5	5	797	794	81.00	0.31	0.38
7.5	9	Grey Sand M IMP	6	6	1526	1507	84.00	0.85	1.00
9	10.5	" " " M MLTR	7	7	1453	1443	83.00	1.82	2.18
10.5	12	Grey Sand + Clay M IMP	8	8	1558	1476	81.00	0.55	0.64
12	13.4	" " " M VLTR	9	9	1896	1852	82.00	0.17	0.20
	13.4	C.B.							
		STOPPED ON CLAY							
		6" IND. SAND ON SURFACE							
		SURFACE WATER							
		6-7 CLAY 7-7.5 GREY SAND							
		10.5 STOPPED ON CLAY HAD TO							
		PULL BACK & REDRILL							

# SAMPLE SHEET

276016

TASMANIA

B. Goodall  
Mo(i)

AREA: BRUNY Is.

LINE: BRUNY STH.

BORE: 300W

DATE 23.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum H.M. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Brown Sand n SIMP	1	1	443	406	82.00	1.03	1.26
1.5	3	fb Brown Sand n IMP	2	2	916	886	82.00	1.044	1.70
3	4.5	fb Brown Sand n SIMP	3	3	1193	1182	83.00	0.53	1.20
4.5	6	fb Brown Sand n IMP	4	4	1010	995	84.00	0.89	1.16
6	7.5	Grey Sand + Clay n IMP	5	5	1272	1251	83.00	0.48	1.04
7.5	9	Grey Sand n SIMP	6	6	1276	1257	83.00	0.39	0.94
9	10.5	Grey Sand n IMP	7	7	1207	1199	83.00	1.15	1.38
10.5	12	Grey Sand n SIMP	8	8	956	947	81.00	0.90	1.02
12	13	Grey Sand n IMP	9	9	1046	1029	80.00	0.39	0.96
	13	CB.							
		Stopped by clay							
		SURFACE WATER							

# SAMPLE SHEET

276017

B.G. 016  
M(6)

TASMANIA

AREA: BRUNY IS.

LINE: BRUNY STR BORE: 360 W

DATE 23.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum H.M. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Brown Sand n. MKR	1	1	780	703	85.00	10.70	1.80
1.5	3	Red Grey Sand n. S1190	2	2	1235	1230	85.00	0.49	1.19
3	4.5	Grey Green Sand n. MKR	3	3	1182	1180	83.00	0.28	0.90
4.5	6	Grey Sand + Clay n. S1190	4	4	1093	1054	81.00	0.49	0.82
6	7.5	Grey Sand n. S1190	5	5	1140	1136	85.00	0.26	0.72
7.5	9	Grey Sand + Clay n. MKR	6	6	1087	1060	84.00	1.01	1.19
9	10.5	Grey Sand + Clay n. MKR	7	7	1185	1181	82.00	0.84	1.02
10.5	12	Green Sand + Quartz Gravel n. MKR	8	8	1429	1367	85.00	0.54	0.61
12	13.5	Grey Sand + Quartz Gravel n. MKR	9	9	1224	1173	82.00	3.00	3.51
13.5	15	Green Sand + Quartz Gravel n. MKR	10	10	1075	424	80.00	0.30	0.15
15	16.3	Green Sand + Quartz Gravel n. MKR	11	11	1339	978	84.00	0.27	0.23
	16.3	CB.							
		Stopped on gravel bed.							
		Surface Water.							

# SAMPLE SHEET

276018

Original  
B. Good  
Mo(1)

TASMANIA

AREA: BRUNY IS.

LINE: BRUNY STH.

BORE: 480W

DATE 25.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M.	cum	
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB	A/B	Wt. %	HM. Wt. %
0	1.5	Grey sand + shell (M) VLTR.	1	1	533	418	82.00	0.63	0.60	
1.5	3	Grey Brown sand (M) VLTR.	2	2	1149	1132	85.00	0.26	0.30	0.45
3	4.5	Grey sand (F) VLTR.	3	3	1198	1186	83.00	0.57	0.68	0.53
4.5	6	Grey sand + clay (M) VLTR.	4	4	1197	1066	83.00	1.045	1.56	0.79
6	7.5	Grey sand (F) M LTR.	5	5	1232	1229	82.00	0.61	0.74	0.78
7.5	9	Grey sand (F) IMP	6	6	1207	1199	84.00	0.58	0.69	0.76
9	10.5	Grey sand clay sand (F) IMP	7	7	1358	1345	84.00	0.59	0.70	0.75
10.5	12	Grey sand + clay (F) SIMP	8	8	1210	1126	80.00	0.60	0.70	0.75
12	13	Grey sand + Quartz (F) SIMP.	9	9	1274	1075	81.00	0.60	0.63	0.73
		C.B 13 m								
Stopped on bed of Quartz Gravel surface water.										
4.5 Peat & decomposed log.										













# SAMPLE SHEET

276025

TASMANIA

RUGANINI STAIRS

MINDOP 2 DRILLER B. GOODY

AREA: BRUNY IS

LINE: T. S.

BORE: 120 W

DATE 26/8/76

0.23

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	<del>#</del>	SAMPLE Wt.	ULSWT.	BIB		
0	1.5	Grey Sand, Shell S.M.P.	1	1108	1055	81.00	2.041	2.83	
1.5	3	Grey Sand, S.M.P.	2	1056	1034	80.00	2.016	2.64	2.74
3	4.5	Gr. Brown Sand, V.K.R.	3	1218	1208	84.00	0.93	1.10	2.19
4.5	6	Brown Sand, V.K.R.	4	1168	1166	81.00	1.057	1.93	2.13
6	7.5	Brown Sand, S.M.P.	5	1326	1315	82.00	1.066	2.01	2.10
7.5	9	Brown Sand, V.K.R.	6	1446	1418	85.00	0.51	0.59	1.85
9	10.5	Brown Sand, V.K.R.	7	1305	1246	84.00	0.79	0.90	1.71
10.5	12	Gr. Brown Sand, V.K.R.	8	952	950	82.00	0.69	0.84	1.61
12	13.5	Gr. Brown Sand, V.K.R.	9	1258	1254	83.00	0.35	0.42	1.47
13.5	15	Gr. Brown Sand, V.K.R.	10	1580	1571	85.00	0.39	0.46	1.37
15	16.5	Brown Sand, V.K.R.	11	1207	1178	83.00	0.19	0.22	1.27
16.5	18	Brown Sand, V.K.R.	12	965	962	83.00	0.21	0.25	1.18
18	19	Brown Sand, V.K.R.	13	994	990	81.00	0.18	0.22	1.11
	19	CB.							
		SURFACE WATER							
		STOPPED ON GREEN							
		CLAY.							



# SAMPLE SHEET

276027

B. Cooley  
MO(11)

TASMANIA

AREA: BRUNY IS.

LINE: BRUNY NECK BORE: 120W

DATE 24.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Brown Sand n VLR	1	1	1237	1225	81.00	0.73	0.89
1.5	3	Brown Sand n VLR	2	2	1064	1062	83.00	0.44	0.71
3	4.5	Brown Sand n VLR	3	3	1089	1084	84.00	0.44	0.65
4.5	6	Brown Sand n VLR	4	4	1239	1237	81.00	0.19	0.54
6	7.5	Brown Sand n VLR	5	5	1216	1212	83.00	0.36	0.52
7.5	9	Brown Sand n VLR	6	6	1042	1039	80.00	0.25	0.49
9	10.5	Brown Sand c VLR	7	7	1163	1147	85.00	0.33	0.47
10.5	12	Brown Sand c VLR	8	8	1222	1205	83.00	0.19	0.44
12	13.5	Brown Sand n VLR	9	9	1108	1101	85.00	0.36	0.44
13.5	15	Brown Sand n VLR	10	10	992	991	84.00	0.46	0.45
15	16.5	Brown Sand n VLR	11	11	949	947	80.00	0.23	0.43
16.5	18	Brown Sand n VLR	12	12	1171	1166	83.00	0.25	0.42
18	19.5	Grey Sand n VLR	13	13	798	787	81.00	0.29	0.42
	19.5	CB.							
		Stopper on Green Clay							
		1 foot.							

# SAMPLE SHEET

276028

0  
R33  
B00E

TASMANIA

AREA: BRUNY IS.

LINE: BRUNY NECK

BORE: 240W

DATE 24.8.76

MDL

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	USWt.	BIB		
From	To								
0	1.5	Brown Sand c HR	1	1	1102	1098	83.00	0.11	0.13
1.5	3	Brown Sand m HR	2	2	1089	1083	85.00	1.09	1.28
3	4.5	Brown Sand m HR	3	3	942	940	81.00	0.38	0.63
4.5	6	Brown Sand m HR	4	4	993	992	81.00	0.44	0.61
6	7.5	Brown Sand m HR	5	5	961	953	82.00	0.68	0.65
7.5	9	Brown Sand m HR	6	6	826	814	85.00	0.77	0.71
9	10.5	Br Grey Sand m HR	7	7	951	949	84.00	0.24	0.65
10.5	12	Br Grey Sand c HR	8	8	924	923	85.00	0.32	0.61
12	13.5	Br Grey Sand c HR	9	9	1049	1049	82.00	0.18	0.57
13.5	14	Grey Sand m HR	10	10	1016	1016	80.00	0.39	0.56
	14	CB.							
		Stopped by Gravel.							

# SAMPLE SHEET

BRUNY NECK

276029

B. Good

AREA: BRUNY IS.

LINE: B. N.

BORE: 360 W

DATE 27.8.76

ND(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL				H.M.	Cum
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	B/S	A/S	Wt. %	H.M. Wt. %
0	1.5	Brown Sand, Shell. 1/2	1		759	706	15.00	1.87	2.05	
1.5	3	Wh Brown Sand n 1/2	2		1150	1147	80.00	1.50	1.87	1.96
3	4.5	Wh Brown Sand n 1/2	3		984	976	83.00	0.53	0.63	1.52
4.5	6	Wh Brown Sand n 1/2	4		1164	1135	80.00	4.20	5.12	2.42
6	7.5	Wh Brown Sand n 1/2	5		1193	1193	84.00	0.39	0.46	2.03
7.5	9	Wh Brown Sand n 1/2	6		1235	1235	82.00	0.09	0.11	1.71
9	10.5	Grey Sand n 1/2	7		1077	1077	83.00	0.07	0.08	1.47
10.5	12	Wh Brown Sand n 1/2	8		1433	1433	85.00	0.05	0.06	1.30
12	13.5	Wh Brown Sand n 1/2	9		1419	1419	82.00	0.03	0.04	1.16
13.5	15	Brown Sand n 1/2	10		1418	1414	82.00	0.57	0.68	1.11
15	16.5	Brown Sand n 1/2	11		1091	1088	85.00	0.24	0.28	1.03
16.5	18	<del>Brown Sand</del> Sand n 1/2	12		1280	1274	81.00	0.21	0.26	0.97
18	19.5	Sand n 1/2 + Clay n Grey Sand n 5/10	13		1096	1091	85.00	0.66	0.77	0.95
19.5	21	Grey Sand n 1/2	14		874	867	81.00	0.49	0.60	0.93
21	22.5	Grey Sand n 5/10	15		935	929	83.00	0.72	0.86	0.92
22.5	23.9	Grey Sand n 1/2	16		593	585	82.00	0.35	0.42	0.89
23.9	25	Stopped on Clay & Gravel 1m WATER.								







# SAMPLE SHEET

276033

B. Good <sup>031</sup>

TASMANIA

AREA: BRUNY IS.

LINE:

BORE: BRUNY IS. ① DATE 19.8.76

MO(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	USWt.	BIB		
0	1.5	Brown Sand m MKR	1	1	980	977	81.00	3.12	3.84
1.5	3	Brown Sand m BR	2	2	1319	1246	82.00	9.41	10.84
3	4.5	Brown Sand m KR	3	3	1341	1333	83.00	4.91	6.85
4.5	6	Brown Sand m KR	4	4	1445	1441	85.00	3.21	6.08
	6	CB.							
		DRILLED THROUGH RHOYLITE							
		to 6.5" last sample							
		SUSPECT. ABANDONED.							
		SURFACE WATER.							





# SAMPLE SHEET

276036

TASMANIA

M.D. II

B. COODY.

AREA: BRUNY ISLAND LINE:

BORE: BRV. IS. (4)

DATE 19-8-76

034

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Grey Sand + Clay m SAND	1	1	661	195	80.00	0.19	0.07
1.5	3	Grey Sand + Clay m VSA	2	2	1272	660	81.00	0.26	0.12
3	4.5	Grey Sand m MSA	3	3	1498	1497	82.00	1.00	1.22
4.5	6	Dr Grey Sand m LSA	4	4	1321	1216	83.00	1.78	2.14
6	7.5	Dr Grey Sand m LSA	5	5	1641	1629	83.00	2.38	2.85
7.5	9	Brown Sand + Clay m MSA	6	6	950	522	84.00	2.03	1.34
	9m	CB.							
		Stopped od Clay							

SAMPLE SHEET

276037

TASMANIA

B. Goopy

AREA: BRUNY Is.

LINE:

BORE: BRUNY IS (5) DATE 19.8.76

035/0(ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Brown sand + Clay m 1/2R	1	1	816	758	20.00	0.17	0.20
1.5	3	Grey Clay NOT PANNED	2	2	388	255	81.00	0.02	0.11
3	4.5	Grey + Brown Clay NOT PANNED	3	3	534	370.50	80.00	0.05	0.09
4.5	6	Grey sand + Brown Clay m 1/2R	4	4	390	258	84.00	0.52	0.20
6	7.5	Grey Sand m 1MP	5	5	1443	1422	85.00	1.08	0.41
7.5	8	Grey Sand + Clay m NOT PANNED	6	6	874	748	23.00	1.05	0.52
	8	CB.							
		STOPPED ON CLAY							



# SAMPLE SHEET

276039 B. Goody

TASMANIA

AREA: BRUNY Is.

LINE: BRUNY LAGOON BORE: 00

DATE 21. 8. 76

Moz (11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum H.M. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5		1		641	640	80.00	0.58	0.72
1.5	3		2		669	668	83.00	0.85	1.02
3	4.5		3		1098	1097	85.00	1.55	1.19
4.5	6		4		1422	1420	82.00	0.79	0.96
6	7.5		5		1466	1464	82.00	0.58	0.71
7.5	9		6		1550	1546	84.00	0.36	0.43
9	10.5		7		1313	1308	81.00	0.25	0.31
10.5	12		8		1312	1311	82.00	0.52	0.63
12	13.5		9		1333	1331	83.00	1.00	0.88
	13.5	m.c.B.							

# SAMPLE SHEET

276040

B. C. GIDDY  
38  
M.D. (U)

AREA: BRUNY IS.

LINE: BRUNY LAGOON BORE: BL. 60" W.

DATE 19.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
0	1.5	Brown Sand n HR	1		1246	1244	83.00	0.54	0.65
1.5	3	Brown Sand n HR	2		1058	1057	83.00	0.70	0.75
3	4.5	Brown Sand n HR	3		1174	1172	82.00	1.020	1.46
4.5	6	Light Brown Sand n SIMP	4		1226	1224	80.00	1.07	1.34
6	7.5	Light Brown Sand n SIMP	5		1440	1439	81.00	0.64	1.02
7.5	9	Brown Sand & Clay n IMP	6		1317	1314	82.00	0.67	0.98
9	10.5	Light Brown Sand & Clay n HR	7		1365	1241	82.00	0.11	0.86
10.5	12	Light Brown Sand n IMP	8		1525	1522	83.00	0.54	0.83
12	13.5	Light Brown Sand n TR	9		1611	1609	81.00	3.072	4.59
13.5	15	Brown Sand n TR	10		1647	1635	82.00	3.24	3.92
15	16.5	Light Brown Sand & Clay n SIMP	11		1600	1582	80.00	0.67	1.46
16.5	18	Grey Sand n FR	12		1551	1548	85.00	2.27	2.67
18	19.5	Grey Sand & Wash Stone n IMP	13		1327	1215	81.00	0.75	1.50
19.5	20	Grey Sand n HR	14		1071	936	80.00	1.07	1.48
	20m	CB							
		Stands on Clay							

# SAMPLE SHEET

276041

TASMANIA

B. Goody  
03  
MOON

AREA: BRUNY IS.

LINE: BRUNY LAGOON BORE: 120W

DATE 20-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	ULSWt.	BIB		
From	To								
0	1.5	Brown Sand n VLR	1		779	775	80.00	0.20	0.25
1.5	3	Brown Sand n VLR	2		1134	1133	85.00	0.29	0.34
3	4.5	Brown Sand n VLR	3		1070	1068	83.00	0.57	0.43
4.5	6	Brown Sand n VLR	4		1272	1271	81.00	0.78	0.56
6	7.5	Brown Sand + Clay n VLR	5		1060	1059	82.00	0.51	0.57
7.5	9	Br Grey Sand n SIMP	6		1200	1194	84.00	0.39	0.55
9	10.5	Br Grey Sand n VLR	7		1214	1213	80.00	0.14	0.50
10.5	12	Brown Sand n IMP	8		1411	1409	82.00	0.70	0.54
12	13.5	Br Brown Sand n MVR	9		1401	1398	85.00	0.94	0.60
13.5	15	Br Grey Sand + Clay n VLR	10		1331	1320	81.00	0.43	0.60
15	15.6	Grey Clay NOT ANALYSED	11		416	411	80.00	0.14	0.56
	15.6	CB. STOPPED ON CLAY							
		Podsol 12" TO 13.5"							
		13.5 TO 14.5 SAND +							
		<del>12.5</del> 14.5 TO 15 CLAY							

# SAMPLE SHEET

276042

TASMANIA

MIN. DEP. II

B. GOODY

AREA: BRUNY ISLAND LINE: BRUNY  LABOON BORE: 180 W DATE 20-8-76.

040

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Brown Sand n VLR	1	1	1929	927	81.00	0.22	0.13
1.5	3	Grey Sand n VLR	2	2	1124	1121	80.00	0.35	0.38
3	4.5	Brown Sand + Clay n SIMP	3	3	1304	1296	82.00	0.63	0.42
4.5	6	Grey Sand + Clay n SIMP	4	4	1480	1437	85.00	0.33	0.41
6	7.5	Grey Sand + Clay n VLR	5	5	1572	1550	80.00	0.22	0.38
7.5	9	Brown Sand n VLR	6	6	1310	1306	81.00	0.42	0.41
9	10.5	Brown Sand n VLR	7	7	1540	1537	85.00	0.48	0.43
10.5	12	Brown Sand n VLR	8	8	1475	1457	81.00	1.71	2.09
	12	CB.							
		PODSOL CHANGE AT 7.5 TO 12							
		GRAVEL AT 11.5"							

# SAMPLE SHEET

276043

TASMANIA

MIN. DEP. II

B. GOODY.

041

AREA: BRUNY ISLAND

LINE: BRUNY V LAGOON

BORE: 200W

DATE 20-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	cum H.M. Wt. %
			Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Brown Sand n HR	1	1	1472	1332	81.00	0.49	0.55
1.5	3	Brown Sand n HR	2	2	1491	1435	85.00	0.43	0.52
3	4.5	Grey Sand n SMP	3	3	1596	1586	82.00	2.59	3.14
4.5	6	Brown Sand n IMP	4	4	1484	1483	81.00	0.78	0.96
6	7.5	Brown Sand + gravel n HR	5	5	1427	1423	80.50	0.50	0.63
7.5	9	Brown Sand n HR	6	6	1520	1190	82.00	0.29	0.27
9	10.5	Grey Sand n HR	7	7	634	631	80.00	0.23	0.29
10.5	12	Grey Sand + Clay n HR	8	8	1484	1415	80.50	0.62	0.73
12	13.5	Grey Sand + White Quartz pebbles n HR	9	9	2075	2045	82.00	0.61	0.73
13.5	15	Grey Sand + White Quartz pebbles n HR	10	10	1669	1612	84.00	3.38	3.89
15	16.5	Grey Sand + gravel n HR	11	11	1419	1334	84.75	1.66	1.84
	16.5	CB							
		STOPPED ON COARSE GRAVEL + CLAY							
		2.5 - 3 Clay ABANDONED Clay SECTION							
		PODSOL FROM 4.5 TO 7.5							
		7 <sup>th</sup> THIN BAND GRAVEL							
		STOPPED BY LARGE QZ PEBBLES							
		WATER 1.5.							



# SAMPLE SHEET

276045

TASMANIA

MIN. DEP 2 B

AREA: BRUNY IS. LINE: BRUNY LAGOON BORE: 360 W DATE: 21 - 5 - 76

DEPTH		DESCRIPTION	Sample No.		TOTAL	u/s Wt.	S/B	A/B	H.M. Wt. %	Cum HM Wt. %
From	To		Field	Lab.	SAMPLE Wt.					
0	1.5	Brown Sand (s) VLTR.	1	1	1074	1072	84.00	0.08	0.10	
1.5	3	Brown Sand (s) VLTR.	2	2	1342	1341	83.00	0.34	0.41	0.26
3	4.5	Brown Sand (s) VLTR.	3	3	1364	1364	85.00	0.11	0.13	0.21
4.5	6	Brown Sand (s) VLTR.	4	4	1320	1377	85.00	0.29	0.34	0.25
6	7.5	Brown Sand (s) VLTR.	5	5	1278	1275	80.00	0.69	0.86	0.37
7.5	9	Brown Sand (s) VLTR.	6	6	1324	1307	81.00	0.22	0.27	0.35
9	10.5	Grey + Brown Sand (s) S.M.P.	7	7	1447	1433	85.00	0.80	0.93	0.43
10.5	12	Grey Sand + Clay + Gravel (s) VLTR.	8	8	1452	1369	85.00	0.30	0.33	0.42
12	13.5	Grey Sand + Clay (s) LTR.	9	9	1693	1501	85.00	2.65	2.76	0.68
13.5	15	Grey Sand + Clay (s) LTR.	10	10	1458	1326	83.00	1.01	1.11	0.72
15	16.5	Grey Sand (s) I.M.P.	11	11	1364	1351	84.00	0.68	0.80	0.73
16.5	18	Grey Sand + Siltstone (s) VLTR.	12	12	1597	1546	83.00	1.15	1.34	0.78
18	19.5	Grey Sand Clay + Gravel (s) I.M.P.	13	13	1573	1358	83.00	0.51	0.53	0.76

19.5 m. C.B.

Stopped on Hard Rock.

Gravel at 10.7 m. clay at 11 m. Water level 2 m. 13.2 m. change in colour to grey sand. Gravel just 12.4 m. Gravel + siltstone bed at 19.5 m.

# SAMPLE SHEET

276046

TASMANIA

Bo Good  
M.P. (i)

AREA: BRUNY IS.

LINE: BRUNY LAGOON BORE: 420W

DATE 21.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL				H.M.	Cum
From	To		Field	Lab.	SAMPLE WT.	USWT.	BIB	A/B	Wt. %	HM. Wt. %
0	1.5	Brown sand (s) VLTR.	1	1	586	582	82.00	0.15	0.18	
1.5	3	Brown sand (s) VLTR.	2	2	1092	1092	82.00	0.27	0.33	0.26
3	4.5	Brown sand (s) IMP.	3	3	868	868	81.00	0.72	0.89	0.47
4.5	6	Brown sand (s) VLTR.	4	4	1269	1262	85.00	0.22	0.26	0.42
6	7.5	Brown + grey sand + clay (s) VLTR.	5	5	1419	1280	81.00	0.27	0.30	0.39
7.5	9	Brown + grey sand (s) VLTR.	6	6	1272	1203	83.00	0.16	0.18	0.36
9	10.5	Grey sand (s) VLTR.	7	7	1543	1528	82.00	0.20	0.24	0.34
10.5	12	Grey sand + clay + gravel (s) VLTR.	8	8	1366	1322	82.00	0.22	0.26	0.33
12	13.5	Grey sand clay + gravel (s) IMP.	9	9	1389	1279	81.00	0.44	0.50	0.35
13.5	15	Grey sand + clay (s) IMP.	10	10	766	749	81.00	0.21	0.25	0.34
15	16.5	Grey sand + gravel (s) IMP.	11	11	1820	1549	84.00	0.69	0.70	0.37
16.5	18	Grey sand + clay (s) TR.	12	12	1565	1493	83.00	1.24	1.43	0.46
	18	<del>TR</del> c.13.								

Stopped by clay. Gravel at 6.5m to 9m.

(13.5-15 sample + 3m sand.

(4m. of grey clay + 3m. dark grey clay).

15-16.5 Gravel + white Quartz swamp level

# SAMPLE SHEET

Cor

276047

TASMANIA

AREA: BRUNY IS.

LINE: BRUNY LAGOON BORE: 4-80 W

DATE 21.8.76

B. GORE  
045  
MD(1)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
			Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Brown sand (s) VLTR.	1	1	611	599	83.00	0.11	0.13
1.5	3	Brown sand (s) VLTR.	2	2	1212	1211	84.00	0.26	0.31
3	4.5	Brown sand (s) VLTR.	3	3	1290	1287	83.00	0.37	0.45
4.5	6	Brown sand (s) VLTR.	4	4	1428	1404	82.00	0.28	0.31
6	7.5	Light Brown + Grey sand (s) VLTR.	5	5	1124	1110	85.00	0.35	0.41
7.5	9	Grey sand (s) VLTR.	6	6	1416	1343	83.00	0.16	0.30
9	10.5	Grey sand (s) VLTR.	7	7	1621	1597	81.00	0.20	0.24
10.5	12	Lt. Brown + Grey sand (s) VLTR.	8	8	1557	1528	83.00	0.16	0.19
12	13.5	Lt. Brown + Grey sand (s) 1 MP.	9	9	1431	1390	81.00	0.65	0.78
13.5	15	Lt. Brown + Grey sand + Quartz (s).	10	10	1646	1287	80.00	0.44	0.35
		15 m. CB.							
		Stopped on Rocks.							
		Swamp level							
		Gravel at 4.2 m.							
		Gravel + Quartz at 14.8 m							
		Jammed bit, had to pull back & clear							







276050

## MINERAL DEPOSITS LIMITED

SOUTHPORT

(d)

PLEASE COVER ONLY ONE SUBJECT IN EACH LETTER

TO MR. L.G. JOHNSON  
 FROM H. MAHER  
 SUBJECT TASMANIA - 6.10.80, SAMPLE 492

INTER-OFFICE MEMORANDUM No. R293/76

YOUR REFERENCE

OUR REFERENCE HM/TW

DATE 6th December, 1976

COPIES TO R.A. GRAVES  
 P.J. GIFFARD  
 H. MAHER

Following are the Assay Results for the above sample:

<u>Fraction</u>	<u>%</u>
Slimes	20.71
H/Suscep (Ilm)	1.84
Ilmenite	28.15
Others (Magnetic)	25.22
Rutile	6.54
Leucoxene	1.54
Zircon	11.79
Others (Non-Mag)	4.21
Total	100.00

PROCEDURE

1. An initial microscopic scan of the total sample indicated that it would not be amenable to magnetic separation or to grain counting.
2. The sample was boiled for 30 minutes in Conc. HCl, but it required 8 water washings before the solution became clear. After drying, the sample was again microscopically examined, and the grain surfaces still appeared stained. A further 30 minutes boiling in Conc. HCl was tried and a scan of the dried sample, finally showed clean grain surfaces.
3. The sample was treated to a magnetic separation using the normal settings and it was observed that magnetite was present in trace quantity only. The H/S figure is mainly H/S Ilmenite.
4. Due to the presence of coarse 'others', the 1.5 Amp Non-Mags Fraction was treated to a Clerici's Soln. Separation. This meant a more accurate grain count. This could be carried out on both float and sink fractions.

COMMENT

The grain sizes of the RZ grains vary from normal to very fine.

Regards,

H. MAHER.

049



MINERAL DEPOSITS LIMITED  
SOUTHPORT

276051

(d)

PLEASE COVER ONLY ONE SUBJECT IN EACH LETTER

TO MR. L. G. JOHNSON  
FROM T. J. VICKERS  
SUBJECT GRAIN COUNTS, TASMANIA 6.10.80

INTER-OFFICE MEMORANDUM No. R246/76

YOUR REFERENCE

OUR REFERENCE TJY:MM 05.001.1

DATE 28th September 1971

COPIES TO Mr. R. A. Graves  
Mr. P. J. Grenning ✓  
Mr. P. J. Giffard

Attached are the results of analysis of samples Nos. 483;  
485 and 488.

Regards,

*T. J. Vickers*  
T. J. VICKERS

276052

MINERAL DEPOSITS LIMITED

SOUTHPORT

PLEASE COVER ONLY ONE SUBJECT IN EACH LETTER

TO..... MR. T. J. VICKERS  
FROM..... H. MAHER  
SUBJECT..... GRAIN COUNTS, TASMANIA  
CODE 6.10.80

INTER-OFFICE MEMORANDUM NO.....  
YOUR REFERENCE.....  
OUR REFERENCE..... HM:MM 05.001.1  
DATE..... 28th September 1976  
COPIES TO.....

Following are the Physical Assays of the three samples submitted, viz: 483; 485; 488.

- PROCEDURE
- (1) Samples 485 & 488 were acid boiled in conc. HCl for 30 mins. Sample 483, weighing approx. 100 grms, was attritioned in 50% HCl solution for 30 minutes.
  - (2) All samples were mag separated.
  - (3) The n-mags fractions were bromoformed.
  - (4) All fractions were then scanned or grain counted.

*H. Maher*  
H. MAHER

SAMPLE NO.	MAGS. 1.5 AMPS			N-MAGS 1.5 AMPS					TOTAL
	ILM.	OTH.	MON.	RUT.	LEUCOX.	ZIR.	OTH.	QTZ.	
483	58.89	15.35	0.62	7.44 -	2.22	11.38	1.76	2.34	100
485	2.27	90.82	-	1.51 1.87	0.94	1.08	0.62	2.76	100
488 <i>Lago</i>	54.26	21.98	-	6.22 -	4.21	10.07	2.33	0.93	100

NOTES: Samples 483 & 488 appear somewhat similar. The rutile grains present appear almost black and opaque. Kyanite grains are the predominant grains in the N-mags "others" assay.

Sample 485

Nil H/Susc. Very few ilmenite grains present. Rutile still almost opaque. Sample appears altogether different to samples 483 & 488. Most of the mags others appear to be Feldspar. Another sample is being processed to confirm this result.

*NO*

