

332001

Q 83/1

January 1977

Q83/1

LOUISA MINING CORPORATION N.L.

Progress Report on Exploration Area

E.L. 7/75

PITTWATER -(Seven Mile Beach)

77-1192

332D

000

332002

420/85

LOUISA MINING CORPORATION N.L.

152 BRISBANE STREET, LAUNCESTON, TASMANIA. 7250

D of M	CC & M	1977	January, 1977
RECEIVED	20 JAN 1977	Registrar	
ANSWER		E & H	
REF. No.	308/77		

The Director of Mines,
 Department of Mines,
 G.P.O. Box 124B,
HOBART. 7001

Your ref: 420/85

Report will J.N.

Dear Sir,

Exploration Licence 7/75 Pittwater

Please find our report on work in the area of E.L. 7/75 which has been carried out by Mineral Deposits Limited on behalf of Louisa Mining Corporation N.L.

We regret the delay in providing the drilling results which were received from Mineral Deposits with apologies late in December at Hobart. However, my absence from Hobart on exploration work on the East Coast has caused a further delay for which I also apologize.

During December some further drilling was undertaken in the inter-tidal area of Pittwater in order to locate sand which could be suitable for concrete and bituminous aggregates. Sieve Analysis of the samples, to a depth of 6m, have produced encouraging results and more drilling and testing will be carried out.

Yours faithfully,

M.C. Forster
 (M.C. Forster)

ADDRESS
 1172
 V

TELEPHONE 31 5544
 TELEGRAMS :
 RALGUY LAUNCESTON

MANAGER-HOBART
 556 SANDY BAY ROAD,
 SANDY BAY, TAS. 7005
 TELEPHONE 25 2803

00.

332003



MINERAL DEPOSITS LIMITED

(INCORPORATED IN NEW SOUTH WALES)

51 ASHMORE ROAD, SOUTHPORT
QUEENSLAND, AUSTRALIA 4215

POSTAL ADDRESS: P.O. BOX 44, SOUTHPORT, QUEENSLAND, AUSTRALIA 4215

TELEPHONE: GOLD COAST 39-9055

CABLES: MINDEPOSIT SOUTHPORT QUEENSLAND

TELEX: MINDEP AA. 40438

December 17, 1976.

LGJ/lpb

Mr. Mac Forster,
Chairman,
Louisa Mining Corporation N.L.,
556 Sandy Bay Road,
SANDY BAY, TASMANIA. 7005.

Dear Mac,

Firstly, accept my apologies for such a drawn out decision on the mineral sands and the other prospects.

As I discussed with you recently, the formula for the Calcium Zirconium silicate is $Ca_3 Zr Si_2 O_9$ which contains about 22% Zr in its structure.

All of the other information is supplied to you in duplicate so that you have a copy for the Mines Department as well.

Unfortunately, the best I could do was 150,000 tonnes of 88% TiO_2 product at 0.165% from Pittwater. Bruny Island mineralisation seems to be very patchy and I could not calculate enough at this stage to make the combined areas attractive enough for Mineral Deposits Limited to consider taking over the project for you.

I have discussed the situation with the Business Planning Manager and should you get to a position in 12-24 months time when you have a combined 250,000 tonne ore body, we would then reconsider the position.

Should you have any grain counts or other problems you wish to discuss, we would be ready to assist you.

Enclosed are all the results and information I have regarding your areas including the Weld River file. For the record, I shall list the enclosures:

- (a) ~~Two prints plan Bruny Island with results plotted,~~
- (b) Two prints plan Pittwater with results plotted,
- (c) Two copies each all bore logs Pittwater & ~~Bruny Island,~~
- (d) Two copies each grain counts:

<u>Sample No.</u>	<u>Line</u>	<u>Hole</u>	<u>Interval (m)</u>
482	Bruny South	240W	0 - 10.5m
491	Truganninni Steps	00 (Tabled)	0 - 4.5m
499	Truganninni Steps	00 (Promo- formed)	0 - 4.5m

<u>Sample No.</u>	<u>Line</u>	<u>Hole</u>	<u>Interval (M)</u>
488	Bruny Island	3	0 - 9m
485	Truganinni Steps	120W	0 - 7.5m
483	Bruny South	360E	0 - 20m
482	Pittwater	2	
481	Pittwater	1	
480	Pittwater	3	

- (e) Two copies analysis TiO_2 of sample of Rutile & Leucogene Ore Zone Pittwater.
- (f) Two copies Ilmenite assays. Sample Numbers 1, 2, 3, i.e. 481, 482, 480.
- (g) Two copies rough cross-section Pittwater.

The results of my first trip to these prospects has not been included as I consider the Pittwater results to be misleading and the Bruny Island results confirm the recent results.

Enclosed also is a copy of the bromoform reclamation system etc.

Samples 480 to 482 have been selected to be representative across the Pittwater Ore Body. I have combined the samples as shown in (d) to enable assaying of various sections down the holes.

Perhaps you could extend the Pittwater deposits by drilling holes across areas I have selected and shown on the plan marked "Recommendation". It is most likely that the sand body at the south eastern end of Pittwater will contain greater proportions of rutile in the heavy mineral as I consider that the most recent mineralisation comes from a different source than the zone sampled by reverse circulation. There is a large volume of sand in this area and any concentration would improve the volume of heavy mineral markedly.

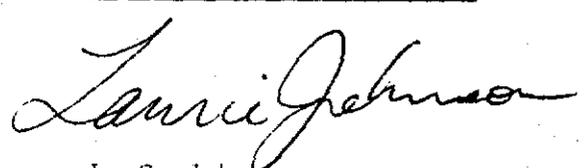
I noticed when flying into Hobart that there are considerable levy-type ridge formations running parallel to the stream feeding Pittwater. This may warrant a closer look. If you haven't checked out the Lauderdale area it may be worth some investigation to complement Pittwater.

On Bruny, as you have already suggested, Cloudy Bay is a worthwhile consideration and there appears to be quite a large body of sand in the area just west of Cape Queen Elizabeth.

I have also sent to you your aerial photos of both areas. Thanks for the use of them.

Please accept my best wishes for Christmas and the New Year to all the Forsters.

Yours sincerely,
MINERAL DEPOSITS LIMITED,



L. G. Johnson,
Senior Geologist.

SAMPLE SHEET

(Purple)

005

TASMANIA

Blyoo

MD(i.)

AREA: PITT WATER LINE: 00 BORE: 180N DATE 31.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL	ULSKT.	BIB (PT)	A/B	H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.					
0	1.5	Grey sand & shell (M) S.M.P	1	1	984	755	14.84	9.13	0.93	
1.5	3	Grey sand (M) IMP	2	2	910	889	24.65	14.60	1.60	1.27
3	4.5	Grey sand (M) S.M.P	3	3	1296	1093	21.39	14.29	1.10	1.21
4.5	6	Grey sand (M) ULTR	4	4	906	904	12.32	7.91	0.82	1.11
6	7.5	Grey Brown sand (M) IMP	5	5	1107	1097	33.20	26.73	2.41	1.37
7.5	9	Grey sandy clay (M) IMP	6	6	1371	1304	25.86	19.74	1.44	1.38
9	10.5	Br. Brown sand (M) ULTR	7	7	805	802	9.57	1.06	0.13	1.20
	12	Br. Brown sand (M) ULTR	8	8	1294	1281	12.01	3.17	0.24	1.08
12	13.5	Br. Brown sand (M) ULTR	9	9	1294	1288	9.93	3.16	0.24	0.99
13.5	14.4	Br. Brown sand (M) ULTR	10	10	1074	1073	5.70	1.29	0.12	0.90
	14.4	C.B.								
<p>Stopped log shell in lot unable to continue because of tide.</p>										

332005

SAMPLE SHEET

086

3.9.76 TASMANIA

B. Goody

REA: Pittwater

LINE: 00

BORE: 120N

DATE 1.9.76

Mojil

DEPTH		DESCRIPTION	Sample No.		TOTAL	U/S Wt.	BIB (PIT)	ALB	H.M. Wt. %	Cum H.M. Wt. %
From	To		Field	Lab.	SAMPLE Wt.					
0	1.5	Grey sand & shell (M) VLTR	1	1	594	458	22.22	3.69	0.62	
1.5	3	Grey sand & shell (M) S.M.	2	2	1309	1265	68.08	19.29	1.47	1.05
3	4.5	Grey sand & clay (M) 1MP	3	3	1029	1022	22.06	17.82	1.73	1.28
4.5	6	Grey sand (M) VLTR	4	4	848	844	11.16	7.08	0.83	1.17
6	7.5	Grey Brown sand (M) VLTR	5	5	1064	1028	14.06	11.49	1.08	1.15
7.5	9	Dr. Brown sand & gravel (M) VLTR	6	6	1523	1449	15.45	11.48	0.75	1.09
9	10.5	Dr. Brown sand & gravel (M) VLTR	7	7	1375	1279	11.94	7.34	0.53	1.00
10.5	12	Dr. Brown sand (M) VLTR	8	8	1454	1451	8.30	2.85	0.20	0.90
12	13.5	Dr. Brown sand (M) VLTR	9	9	1150	1149	8.04	2.42	0.21	0.93
13.5	15.4	Dr. Brown sand (M) VLTR	10	10	1351	1329	7.23	2.86	0.21	0.77
	15.4m	CB								
		Surface water								

332006

SAMPLE SHEET

Copy to P. Wilson
26.8.76

007

TASMANIA

B. Goody

AREA: PITHWATER

LINE: 00

BORE: 60N

DATE 17.8.76

Mo (ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	H.M. Wt. %	Cum H.M. Wt. %	
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB				
0	1.5	Grey Sand F SIMP	1	1	983	820	84.50	0.54	0.53		
1.5	3	Grey Sand F SIMP	2	2	1463	1435	80.50	0.76	0.93	0.73	
3	4.5	Grey Sand F IMP	3	3	1638	1590	86.00	1.11	1.26	0.91	
4.5	6	Grey Sand F IMP	4	4	1520	1483	81.00	0.76	0.92	0.91	
6	7.5	Br Brown Sand F SIMP	5	5	1545	1530	83.00	0.38	0.45	0.82	
7.5	9	Br Brown Sand F IMP	6	6	1628	1615	85.00	0.65	0.76	0.81	
9	10.5	Br Brown Sand F SIMP	7	7	1930	1912	85.25	0.24	0.28	0.73	
10.5	12	Gr Green Sand F VAR	8	8	1175	1166	81.50	0.16	0.20	0.67	
12	12.4	Gr Green Sand F VAR	9	9	956	808	82.00	0.19	0.21	0.62	
	12.4	CB									
		STOPPED ON CLAY									
		SURFACE WATER.									
		THIN LAYER OF CLAY 4.5-6									
		CHANGE TO BROWN SAND 7"									
		Gr GREEN FROM 11"									

332007

SAMPLE SHEET

$\frac{.60 \times 100 \times 998}{85 \times 1027} =$

copy to LGS
16876

008

AREA: PITWATER LINE: 00 BORE: 00 DATE: _____

 $\frac{\text{H.M. Wt. \%}}{\text{Conc.}} =$ $\frac{\text{H.M. Wt. \%}}{\text{Conc.}} =$

DEPTH		DESCRIPTION	Sample No.		WEIGHT			A/B	Total H.M. Sample Wt	HM Wt %	Cum HM Wt %
From	To		Field	Lab.	Sample Wt	O/S	BIB				
0	1.5	Brown Sand n. var	1	1	998	09.00	85.00	0.60	1027	0.69	
1.5	3	Brown Sand n. Sand	2	2	545	1.00	25.00	0.55	546	0.64	0.67
3	4.5	Brown Sand n. var	3	3	579.50	150.00	81.00	0.69	729.5	0.68	0.67
4.5	6	Grey Sand n. var	4	4	1354	77.00	83.00	0.80	1431	0.91	0.73
6	7.5	Grey Sand n. var	5	5	975	20.00	80.00	1.60	1005	1.96	0.98
7.5	9	Grey Sand n. var	6	6	1040	6.00	80.00	0.78	1296	0.97	0.98
9	10.5	Grey Sand n. var	7	7	1161	33.00	25.00	0.51	1194	0.56	0.93
10.5	12	Grey Sand n. var	8	8	1741	25.00	85.00	2.44	1763	2.83	1.16
12	13.5	Grey Sand n. var	9	9	905	1.00	81.00	1.38	951.5	1.62	1.21
	13.5										
		STOPPED ON CHY BEDD									
		SAND + SHELL									
		2.6" WATER									
		2.6" TO 7.5" Shell									
		12" TO 13.5 CLAY									

15 m
 stopped
 green clay

332008

SAMPLE SHEET

409

3.9.76

B. Gandy

AREA: FTWATER

LINE: 00

BORE: 305

DATE 31.8.76

M 0 (ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL	U/SWt.	BIB (A/F)	A/B	H.M. Wt. %	Cum HM. Wt. %	
From	To		Field	Lab.	SAMPLE Wt.						
0	1.5	Yellow & Lt. Brown sand & shell (SMP)	1	1	952	952	12.22	7.74	0.81		
1.5	3	Lt. Brown sand & shell (SMP)	2	2	1115	1123	21.35	14.10	1.20	1.01	
3	4.5	Lt. Brown sand & shell (M) VLTR	3	2	1322	1072	10.51	4.86	0.36	0.79	
4.5	6	Grey sand & shell (M) VLTR	4	4	1074	993	10.04	3.89	0.36	0.68	
6	7.5	Grey sand (M) SIMP	5	5	1161	1150	13.46	9.27	0.80	0.71	
7.5	9	Grey sand (M) SIMP	6	6	1116	1107	13.32	9.77	0.88	0.73	
9	10.5	Grey sand & clay (M) VLTR	7	7	1015	994	9.43	5.16	0.51	0.70	
10.5	12	Grey sand (M) VLTR	8	8	1347	1377	9.87	3.61	0.27	0.65	
12	13.5	Grey sand (M) VLTR	9	9	1280	1274	16.10	11.67	0.91	0.68	
13.5	15	Grey sand & green clay (M) VLTR	10	10	1255	1247	11.04	6.30	0.50	0.66	
	15m	B									
<p style="font-size: 2em; font-family: cursive;">Stopped on Green Clay</p>											

332009

SAMPLE SHEET

copy to HGS 11/10
17/8/76
B. Good
M.D(ii)

10.8.76

AREA: Pittwater

LINE: 00

BORE: 605

DATE 4.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL SAMPLE Wt.	U/S WT.	B/B	A/B	H M WT. %	Cum H.M. WT. %
From	To		Field	Lab.						
0	1.5	Brown Sand 10 1/2"		1	645	635	79.00	0.65	0.81	
1.5	3	Brown Sand 10 1/2"		2	720	718	81.00	1.01	1.98	1.40
3	4.5	Brown Sand 10 1/2"		3	757	729	78.50	0.60	0.85	1.21
4.5	6	Brown Sand 10 1/2"		4	1317	1050	86.00	1.25	1.16	1.25
6	7.5	Brown Sand 10 1/2"		5	824	768	82.00	0.77	0.98	1.14
7.5	9	Grey Sand 10 1/2"		6	1485	1339	84.00	1.19	1.28	1.16
9	10.5	Grey Sand 10 1/2"		7	717	650	80.50	1.19	1.34	1.19
	10.5	CLAY BAND								
		SMELL - WATER 8"								
		3" TO 10.5 SMELL								
		CLAY BAND 7.5 TO 10.5								

332010

SAMPLE SHEET

3.55 x 100
941

B. GOODY
MD (11)

3.9.76
AREA: PITTWATER

LINE: 00

BORE: 1505

DATE 30.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL				H.M.	Cum
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB(AT)	ALB	Wt. %	HM. Wt. %
0	1.5	A. Brown Sand (F) VLTR	1	1	941	940	9.81	3.85	0.41	
1.5	3	A. Brown Sand (M) VLTR	2	2	877	203	16.74	4.22	0.48	0.45
3	4.5	Grey Sand (M) VLTR	3	3	1331	1152	10.27	3.38	0.18	0.36
4.5	6	Grey Sand (M) VLTR	4	4	554	368	7.45	1.84	0.33	0.35
6	7.5	Grey Sand (F) SIMP	5	5	994	976	19.60	10.51	1.06	0.49
7.5	9	Grey Sand (F) SIMP	6	6	925	917	17.40	9.30	1.01	0.58
9	10.5	Grey Green Sand (F) IMP	7	7	1270	1258	28.73	21.61	1.70	0.74
10.5	12	Grey Green Sand (F) IMP	8	8	983	979	20.26	15.25	1.55	0.84
12	13.5	Grey Green Sand (F) SIMP	9	9	1229	1191	18.79	12.24	1.00	0.97
13.5	15	Green Sand + Clay (F) VLTR	10	10	1103	1071	19.81	7.47	0.68	0.94
15	15.9	Green Sand + Clay (F) SIMP	11	11	799	790	13.30	4.14	0.52	0.90
	15.9	CB								
		Stopped on Green Clay.								

332012

SAMPLE SHEET

Wilson U14
Bygon

TASMANIA.

AREA: PILLWATER LINE: 00 BORE: 210 5 DATE: 31.8.76

DEPTH		DESCRIPTION	Sample No.		TOTAL				H.M.	Cum
From	To		Field	Lab.	SAMPLE Wt.	ULSWr.	BIBATH	ALB	Wt. %	HM. Wt. %
0	1.5	lt. Brown Sand (M) VLTR	1	1	1032	10.07	14.55	6.68	0.64	
1.5	3	lt. Brown Sand (M) VLTR	2	2	1152	11.49	19.07	8.89	0.77	0.71
3	4.5	lt. Brown Sand (M) VLTR	3	3	1026	10.16	11.18	5.13	0.50	0.64
4.5	6	Grey Sand (M) VLTR	4	4	1271	11.91	12.99	5.54	0.44	0.59
6	7.5	Grey Sand (M) IMP	5	5	1184	11.77	21.73	16.50	1.29	0.75
7.5	9	Grey Green Sand (M) SIMP	6	6	1093	10.79	12.31	8.69	0.85	0.76
9	10.5	Grey Green Sand (M) IMP	7	7	1151	11.31	24.50	13.14	1.14	0.81
10.5	12	Grey Sand (M) IMP	8	8	1216	12.06	20.33	14.42	1.17	0.86
12	13.5	Grey Sand (M) SIMP	9	9	1211	11.98	12.82	10.20	0.84	0.86
13.5	15	Grey Sand (M) VLTR	10	10	955	9.25	11.00	7.39	0.77	0.85
		15 CB								
		Stopped on Green clay.								

332014

SAMPLE SHEET

copy to 165
16.876
015

AREA: PITWATER LINE: 00 BORE: 2405 DATE: _____

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	HM WT %	Cum HM WT %
From	To		Field	Lab.	SAMPLE WT.	U/S WT.	B/B			
0	1.5	Brown Sand 100	1	1	877	876	81.00	0.45	0.55	
1.5	3	Brown Sand 100	2	2	1116	1114	81.00	0.61	0.75	0.65
3	2.5	Brown Sand 100	3	3	1031.50	1018	80.50	0.36	0.44	0.58
4.5	6	Gray Sand 100	4	4	838	834	84.00	1.39	1.64	0.85
6	7.5	Gray Sand 100	5	5	862	858	82.00	2.09	2.54	1.18
7.5	9	Gray Sand 100	6	6	977	970	82.00	1.62	1.96	1.31
9	10.1	Gray Sand 100	7	7	886	873	81.00	1.52	1.61	1.36
	10.1	CB STOPPED BY SHELL								
		4.5" SHELL + WATER								
		CALCULATED 5.2 TO 5.5								
		100 SHELL								

332015

SAMPLE SHEET

Copy to AGT 16-5-76
016

AREA: <i>PIT WATER</i>		LINE: <i>00</i>	BORE: <i>300 5</i>	DATE:	H.M. Wt. % =		H.M. Wt. % =				
DEPTH		DESCRIPTION	Sample No.		WEIGHT			TL. Sample WT WT	HM WT %	Cum HM Wt %	
From	To		Field	Lab.	g/S Sample Wt	g/S	GIB				AIB
0	1.5	<i>Brown Sandstone MAR</i>	1	1	1016	0.75	80.00	0.60	1016.75	0.70	
1.5	3	<i>Brown Sandstone MAR</i>	2	2	904	12.00	81.00	0.47	976	0.52	0.61
3	4.5	<i>Brown Sandstone MAR</i>	3	3	1022.50	13.25	80.50	0.55	1041.50	0.67	0.63
4.5	6	<i>Grey Sandstone MAR</i>	4	4	1047	5.00	83.00	1.49	1052.00	1.79	0.92
6	7.5	<i>Grey Sandstone MAR</i>	5	5	1002.50	36.50	85.00	2.25	1039.00	2.55	1.25
7.5	9	<i>Grey Sandstone MAR</i>	6	6	1307	17.00	80.50	1.32	1324.00	1.62	1.31
9	10.5	<i>Grey Sandstone MAR</i>	7	7	1175	9.00	81.00	3.34	1184.00	4.09	1.71
10.5	12	<i>Grey Sandstone MAR</i>	8	8	1094	11.50	82.00	2.83	1105.50	3.42	1.92
12	13.5	<i>Grey Sandstone MAR</i>	9	9	1173	26.00	82.00	1.77	1199.00	2.11	1.94
13.5	15	<i>Grey Sandstone MAR</i>	10	10	1226	0.25	85.00	0.54	1226.25	0.64	1.81
15	16.5	<i>Grey Sandstone MAR</i>	11	11	983	1.00	83.00	1.63	984.00	2.04	1.83
	16.5	<i>C. SPERMAT. in Shell</i>									
		<i>Shell + WATER 2.8°</i>									
		<i>Shell TO 16.5.</i>									

332016

SAMPLE SHEET

Copy to LGJ
16 017

AREA: PIT WATER LINE: 00 BORE: 200S DATE: _____

DEPTH		DESCRIPTION	Sample No.		WEIGHT			A/B	H.M. Conc. =	HM Wt %	H.M. Conc. =
			Field	Lab.	Sample Wt.	O/S	B/B		Sample Wt		Cum. HM Wt %
0	1.5	Brown sandstone	1	1	537	0.50	84.00	1.14	537.50	1.36	
1.5	3	Brown sandstone	2	2	1081	1.00	83.00	4.16	1095	4.95	3.16
3	4.5	Brown sandstone	3	3	1110	8.00	85.00	3.24	1138.75	3.67	3.33
4.5	6	Brown sandstone	4	4	1213	20.00	85.00	0.72	1233	0.83	2.70
6	7.5	Grey sandstone	5	5	884	1.25	82.00	1.38	885.25	1.48	2.45
7.5	9	Grey sandstone	6	6	998	14.00	86.00	2.65	818.00	3.03	2.55
9	10.5	Grey sandstone	7	7	851	6.00	81.00	2.60	807.00	3.19	2.64
10.5	12	Grey sandstone	8	8	866	2.00	83.00	3.22	866.00	3.87	2.80
12	13.5	Grey sandstone	9	9	864	15.00	85.00	3.73	859.00	4.31	2.97
13.5	14	Grey sandstone	10	10	700	1.00	83.00	5.13	707.00	6.17	3.29
	14	CS.									
		SCIPPED BY SHELL									
		WATER 4-5									
		SHELL FROM 3" TO 14"									
		0.5 HEAVY LAYER OF SHELL									

mainly brown-looking coarse heavy minerals
looking, some fine heavy minerals.

332017

SAMPLE SHEET

copy to LGT 16576
019

AREA: <u>PITWATER</u>		LINE: <u>00</u>	BORE: <u>420 5</u>	DATE:	H.M. Wt. % =		H.M. Wt. % =				
DEPTH		DESCRIPTION	Sample No.		WEIGHT			A/B	TL SAMPLE WT WT	HM Wt %	Cum HM Wt %
From	To		Field	Lab.	(V/S) Sample WT	O/S	B/B				
0	1.5	Brown Sand MKR	1	1	983	0.25	81.75	0.72	983.25	0.88	
1.5	3	Brown Sand SMP	2	2	1063	5.00	82.00	1.99	1068.00	2.40	1.64
3	4.5	Brown Sand SMP	3	3	933	2.00	83.75	2.08	905.00	2.48	1.92
4.5	6	Brown Sand SMP	4	4	858	34.00	81.00	1.20	892.00	1.43	1.80
6	7.5	Brown Sand MKR	5	5	862	102.50	80.25	1.04	965.50	1.16	1.67
7.5	9	Brown Sand SMP	6	6	684	1.25	83.00	2.15	685.25	2.59	1.82
9	10.5	Grey Sand MKR	7	7	1176	14.00	83.00	3.15	1190.00	3.75	2.10
10.5	12	Grey Sand MKR	8	8	1013	26.00	83.75	2.37	1039.00	2.76	2.18
12	13.5	Grey Sand MKR	9	9	920.25	6.00	85.25	2.80	926.25	3.26	2.30
	13.5	CB.									
		STOPPED BY SHELL									
		WATER + SHELL 4.5"									
		SHELL TO 13.5"									

332019

SAMPLE SHEET

Copy to L&J 178-76

MD (11) B. Goody 020

10-8-76

AREA: Pittwater

LINE: 00

BORE: 5005

DATE 8-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. WT%	Cum HM WT%	
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	B/B			
0	1.5	Brown Sand M		1	950	948	84.00	0.87	1.02	
1.5	3	Brown Sand S.M.		2	1119	1101	85.00	0.86	0.98	1.00
3	4.5	Brown Sand M		3	915.50	900	84.00	0.54	0.63	0.98
4.5	6	Brown Sand M S.M.		4	930	885	82.00	0.95	1.10	0.94
6	7.5	Grey Sand M NOTE.		5	1113	950	80.00	1.25	1.33	1.02
7.5	10.5	Grey Sand F M		6	1201	1178	82.00	2.54	3.04	1.35
10.5	12	Grey Sand F M		7	1021	991	84.00	1.53	1.77	1.41
12	13.5	Grey Sand F S.M.		8	895	893	84.00	2.28	2.71	1.57
13.5	15	Grey Sand F M		9	1011	1009	81.00	2.26	2.78	1.71
15	16.5	Grey Sand F M		10	946	939	84.00	2.08	2.46	1.78
16.5	18	Grey Sand F M		11	1137	1132	82.00	0.30	0.35	1.65
18	19.5	Grey Sand F S.M.		12	644	640	80.00	0.08	0.10	1.52
19.5	21	Grey Sand F M		13	916	915	82.00	0.06	0.07	1.41
21	21.5	Grey Sand F M		14	179	178	83.00	0.03	0.04	1.31
		Grey Sand F M								
21.5		B. STOPPED ON CLAY EXTENDED TO 5005 TO DRILL TOP OF DUNE. 4-9 WATER								

7.5 - 10.5 ONE SAMPLE

332020

SAMPLE SHEET

copy to LEA ⁴²¹
17-8-76
B. Goody
MD (i)

10-8-76

AREA: Pittwater

LINE: 0

BORE: 540S

DATE 8-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	H.M. Wt. %	Cum HM Wt. %	
From	To		Field	Lab.	SAMPLE WT.	U/S WT.	B/B				
0	1.5	<u>Brown Sand mka</u>		1	678	677	81.00	0.31	0.38		5.50
1.5	3	<u>Brown Sand mka</u>		2	803	791	81.50	0.44	0.58	0.48	5.00
3	4.5	<u>Brown Sand mka</u>		3	1157	1111	81.25	1.17	1.38	0.78	5.00
4.5	6	<u>Grey Sand smp</u>		4	1200	1173	80.00	0.49	1.21	0.89	5.00
6	7.5	<u>Grey Sand mka</u>		5	1233	1216	77.00	3.47	4.37	1.58	5.00
7.5	9	<u>Grey Sand mka</u>		6	1341	1301	80.00	3.46	11.20	2.02	5.00
9m		<u>CB. STOPPED BY SHM</u>									
		<u>7643</u>									
		<u>4.2 CALCRATE</u>									
		<u>SHM FROM 1.4 TO 9"</u>									
		<u>4.6 NATAL GRAY SAND</u>									

332021

SAMPLE SHEET

copy to RGS
17.5

10.8.76

AREA: Pitwater

LINE: 00

BORE: 6005

DATE

DEPTH		DESCRIPTION	Sample No.		TOTAL			HM WT. %	cum HM WT %	
From	To		Field	Lab.	SAMPLE Wt.	UIS Wt.	B/B			
0	1.5	Brown Sand n MKR	1	1	797	792.5	85.00	0.43	0.51	
1.5	3	Brown Sand n MKR		2	959	945	81.00	0.31	0.38	0.44
3	4.5	Grey Sand n MKR		3	806	796	80.00	0.42	0.52	0.47
4.5	6	Grey Sand n SIMP		4	860	821	83.00	0.62	0.71	0.53
6	7.5	Grey Sand n MKR		5	732	713	87.00	1.65	1.94	0.81
7.5	9	Grey Sand n MKR		6	844	803	81.00	2.70	3.17	1.20
9	10.5	Grey Sand n MKR		7	741	726	82.00	2.41	2.79	1.43
	10.5	CB								
		MKR AT 10.5								
		STOPPED BY SHELL CAUSING								
		SAND UP.								
		WATER 4.4"								
		CALCRETE 4.6 TO 4.7.								

332022

SAMPLE SHEET

Orange 023

Bygood

TASMANIA

AREA: PITWATER

LINE: 00

BORE: 630^s

DATE 1-9-76

DEPTH		DESCRIPTION	Sample No.		TOTAL	ULSW.	BIB(PT)	ALB	H.M. Wt. %	Cum H.M. Wt. %	
From	To		Field	Lab.	SAMPLE Wt.						
0	1.5	Brown Sand (m) VLTR	1	1	748	747	5.62	1.02	0.14		
1.5	3	lt. Brown Sand (m) VLTR	2	2	975	951	8.78	2.35	0.27	0.21	
3	4.5	Grey Sand (m) VLTR	3	3	887	814	6.41	1.54	0.19	0.20	
4.5	6	Grey Sand (m) VLTR	4	4	1096	1081	15.41	11.70	1.07	0.42	
6	7.5	Grey Sand (m) IMP	5	5	1143	1123	26.65	23.88	2.09	0.75	
7.5	9	Grey Sand + Shell (m) VLTR	6	6	1275	1130	20.88	17.64	1.39	0.86	
9	10.5	Grey Sand + Shell (m) VLTR	7	7	1224	1210	18.19	13.65	1.12	0.89	
10.5	12	Grey Sand + Shell (m) IMP	8	8	878	874	18.00	14.96	1.70	1.00	
12	13.5	Grey Sand + Shell (m) VLTR	9	9	938	934	14.20	11.84	1.26	1.02	
13.5	15	Grey Sand + Shell (m) VLTR	10	10	954	930	15.17	11.36	1.19	1.04	
		Stopped by shell in bit.									

332023

SAMPLE SHEET

copy to KGS 024
17674

10-8-76

AREA: Pittwater

LINE: 00

BORE: 6605

DATE

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	HM Wt. %	Cum. HM Wt %
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	B/B			
0	1.5	<u>Light Brown Sand m. water</u>		1	812	811	80.00	0.51	0.61	
1.5	3	<u>Light Brown Sand m. water</u>		2	870	867	80.00	0.17	0.21	0.41
3	4.5	<u>Light Brown Sand m. water</u>		3	733	724	83.00	0.24	0.40	0.41
4.5	6	<u>Grey Sand f. water</u>		4	1310	1295	81.00	0.35	0.43	0.41
6	7.5	<u>Grey Sand f. 1MP</u>		5	1015	1001	85.00	1.54	1.79	0.69
7.5	9	<u>Grey Sand f. water</u>		6	864	838	80.00	2.37	2.87	1.05
9	10.5	<u>Grey Sand f. water</u>		7	1495	1052	80.00	1.64	1.53	1.12
10.5	10.9	<u>Grey Sand f. water</u>		8	546	524	81.00	1.75	2.07	1.24
	10.9	<u>STOPPED BY SHELL</u>								
		<u>water at 10.9"</u>								
		<u>water at 7."</u>								

332024

SAMPLE SHEET

Copy to - 16T
16876
025

AREA: <i>PIT WATER</i>		LINE: <i>00</i>	BORE: <i>720S</i>		DATE				
DEPTH		DESCRIPTION	Sample No.		TOTAL	A/B	HM Wt. %	Cum HM Wt %	
From	To		Field	Lab.	SAMPLE Wt.				
0	1.5	<i>Brown Sand in HR</i>	1	1	794	793 80.00	0.78	0.97	
1.5	3	<i>Brown Sand in HR</i>	2	2	989	972 84.00	0.87	1.02	1.00
3	4.5	<i>Brown Sand in HR</i>	3	3	1094	1079 84.00	0.65	0.76	0.91
4.5	6	<i>Grey Sand in HR</i>	4	4	1206	1169 81.00	0.44	0.52	0.82
6	7.5	<i>Grey Sand in HR</i>	5	5	754	753 82.00	0.57	0.69	0.80
7.5	9	<i>Grey Sand in HR</i>	6	6	894	889 83.00	1.50	1.80	0.96
9	10.5	<i>Grey Sand in HR</i>	7	7	1107	851 82.00	1.76	1.59	1.05
10.5	12	<i>Grey Sand in HR</i>	8	8	1190	1179 81.00	1.97	2.44	1.23
12	13.5	<i>Grey Sand in HR</i>	9	9	1193	1186 82.00	3.31	3.96	1.53
13.5	15	<i>Grey Sand in HR</i>	10	10	1108	1070 81.00	4.18	4.92	1.87
15	16.5	<i>Grey Sand in HR</i>	11	11	1188	1165 80.00	0.65	0.79	1.77
16.5	18	<i>Grey Sand in HR</i>	12	12	1279	1276 82.00	0.19	0.23	1.64
18	19.5	<i>Grey Green Sand in HR</i>	13	13	1253	1251 81.00	0.08	0.10	1.52
19.5	20	<i>Grey Green Sand in HR</i>	14	14	980	979 81.00	0.06	0.09	1.42
	20	<i>CB. Shell - Boil up</i>	1						
		<i>OUT OF VALUES AT 20"</i>							
		<i>WATER 4.6"</i>							

832025

SAMPLE SHEET

Copy to HGT 16
026

AREA: PITWATER LINE: 00 BORE: 780S DATE: _____

DEPTH		DESCRIPTION	Sample No.		Total			A/B	H.M. Wt. %	Cum HM Wt. %
From	To		Field	Lab.	Sample Wt.	Uls Wt.	B/B			
0	1.5	Brown Sand HSE	1	1	816.50	815	82.00	0.35	0.42	
1.5	3	Brown Sand HSE	2	2	1162	1161	81.00	0.46	0.56	0.49
3	4.5	Grey Sand HSE	3	3	1047	1030	80.00	0.43	0.53	0.51
4.5	6	Grey Sand HSE	4	4	885	882	82.50	0.54	0.65	0.54
6	7.5	Grey Sand IMP	5	5	590	580	82.50	1.58	1.89	0.81
7.5	9	Grey Sand IMP	6	6	1117	1050	82.00	1.38	1.56	0.94
9	10.5	Grey Sand SIMP	7	7	1228.50	1219	82.00	1.53	1.81	1.06
10.5	12	Grey Sand IMP	8	8	825	824	82.00	2.80	3.41	1.35
12	12.9	Grey Sand IMP.	9	9	1500	1552	83.00	2.71	3.25	1.56
	12.9	CB.								
		STOPPED BY SHELL								
		2" WATER								
		SHELL FROM 0 TO 12.9.								

332026

SAMPLE SHEET

copy to LGS 027
17-8-76

108-76

AREA: Pittwater

LINE: 00

BORE: 7805

DATE

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	M.M. Wt. %	Cum HM Wt. %	
From	To		Field	Lab.	SAMPLE Wt.	US Wt.	B/B				
0	1.5			1	863	859	78.00	0.45	0.57		500
1.5	3			2	1146	1141	85.00	0.56	0.66	0.62	500
3	4.5			3	1172	1152	85.00	0.49	0.57	0.60	500
4.5	6			4	1490	1483	82.00	0.55	0.62	0.61	500
6	7.5			5	941	930	82.00	1.53	1.96	0.89	500
7.5	9			6	1371	1256	81.00	1.42	1.61	1.00	500
9	10.5			7	1517	1508	80.75	1.59	1.96	1.14	500
10.5	12			8	1334	1332	83.00	3.09	3.72	1.46	500
12	12.9			9	1116	1108	85.00	3.14	3.67	1.71	380
	12.9	CB									

332027

SAMPLE SHEET

copy to P. Wilson 028
236 78
B. Goody

AREA: PITTWATER

LINE: 0

BORE: 840'S

DATE 10.8.76

MD(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL SAMPLE Wt.	UIS Wt.	B/B	F/B	H.M. Wt %	Cum H.M. Wt %	
From	To		Field	Lab.							
0	1.5	Brown Sand mtr		1	885	883	85.00	0.16	0.19		
1.5	3	Brown Sand mtr		2	1160	1157	82.50	0.39	0.47	0.33	
3	4.5	Bot Grey Sand mtr		3	1543	1525	83.25	0.21	0.65	0.50	
4.5	6	Grey Sand mtr		4	1291	1261	78.75	0.52	0.64	0.39	
6	7.5	Grey Sand mtr		5	1270	1260	84.25	0.47	0.55	0.40	
7.5	9	Grey Sand mtr		6	1190	1185	80.00	1.01	1.26	0.56	
9	10.5	Grey Sand mtr		7	1317	1158	84.00	3.38	3.54	0.99	
10.5	12	Grey Green Sand smp		8	1573	1550	85.50	0.80	0.92	0.98	
12	13.5	Grey Green Sand smp		9	1363	1338	83.25	2.65	3.12	1.22	
13.5	15	Grey Sand smp		10	1223	1205	80.25	3.35	4.11	1.50	
	15m	CB.									
		STOPPED BY SHELL									
		IMP AT 15" WATER 3.5"									
		SHELL FROM 0 TO 10.5									
		10.5 TO 13 CHANGE IN SAND									
		+ SHELL THEN BACK TO									
		GREY.									

332028

SAMPLE SHEET

copy to
P. Wilson
23 8 76

B. Good

U29

M D (ii)

AREA: PITTWATER

LINE: 0

BORE: 900 S

DATE 10.8.76

DEPTH		Sample No.	TOTAL	U/S Wt.	BIB	A/B	HM	Cum	
From	To								
		Yellow Sandstone MKR							
0	1.5		1	1130	1127	80.00	0.41	0.51	
1.5	3		2	976	969	85.00	0.53	0.62	5.00
3	4.5		3	1232	1197	82.75	0.65	0.76	5.50
4.5	6		4	1143	1127	83.00	0.41	0.49	5.00
6	7.5		5	1084	1081	82.00	0.94	1.14	4.00
7.5	9		6	1078	1069	79.50	1.18	1.47	4.00
9	10.5		7	1392	1328	83.00	2.86	3.29	5.00
10.5	12		8	1276	1266	79.00	1.65	2.07	5.00
12	13.5		9	1065	1057	82.00	2.92	3.53	5.00
13.5	15		10	1062	993	82.00	3.69	4.20	5.00
		CB							
	15m	STOPPED BY SHELL							
		WATER 3.8"							
		SHELL THROUGHOUT							
		Grey Green Sandstone FROM 10.5 to 15							

332029

SAMPLE SHEET

copy to
P. Wilson
23876

U30

B. GOODY

AREA: PITT WATER

LINE: 0

BORE: 960'S

DATE 10-8-76

MO(ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL	u/s Wt.	B/B	R/B	HM Wt %	Cum HM Wt%	
From	To		Field	Lab.	SAMPLE Wt.						
0	1.5	Y. L. Brown Sandstone MTR		1	930	920	81.00	0.59	0.72		
1.5	3	Y. L. Brown Sandstone MTR		2	1146	1126	84.00	0.43	0.50	0.61	1.00
3	4.5	Y. L. Brown Sandstone MTR		3	1032	1003	83.75	0.28	0.32	0.52	1.50
4.5	6	Grey Sandstone MTR		4	1459	1412	81.25	0.39	0.46	0.50	2.00
6	7.5	Grey Sandstone MTR		5	1188	1182	82.00	0.74	0.90	0.58	2.50
7.5	9	Grey Sandstone MTR		6	1186	1180	85.50	2.88	3.35	1.04	3.00
9	10.5	Grey Sandstone MTR		7	1242	1220	85.75	3.09	3.54	1.40	3.50
10.5	12	Grey Sandstone MTR		8	1252	1223	81.75	2.31	2.76	1.57	4.00
12	13.5	Grey Sandstone MTR		9	1471	1424	85.00	4.21	4.79	1.92	4.50
13.5	13.9	Grey Sandstone MTR		10	555	500	82.50	3.71	4.05	2.14	5.00
	13.9m	CB.									
		STOPPED ON SHELL									
		WATER 4.8									
		THIN BAND OF MDSAND 2"									
		CHANGE FROM Y. L. Brown To Grey									
		AT 4.8" SHELL THROUGHOUT.									

332030

SAMPLE SHEET

Copy to 263 178 7831
B. E. GARDY

AREA: PITTHATER LINE: C BORE: 10205 DATE 8-8-76

MD(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	HM WT %	Cum HM WT %	
From	To		Field	Lab.	SAMPLE WT	ULSWT	BIB				
0	1.5	1/2 Brown Sand in HR		1	686	684	80.00	0.54	0.30		
1.5	3	1/2 Brown Sand in HR		2	1255	1227	81.00	0.23	0.32	0.31	
3	4.5	1/2 Brown Sand in HR		3	1343	1320	81.00	0.27	0.45	0.36	
4.5	6	Grey Sand in HR		4	1471	1437	82.00	0.33	0.43	0.37	
6	7.5	Grey Sand in HR		5	1428	1416	80.50	0.74	0.91	0.48	
7.5	9	Grey Sand in HR		6	1248	1244	78.50	0.82	0.81	0.54	
9	10.5	Grey Sand in HR		7	1405	1348	81.00	2.76	3.27	0.93	
10.5	12	1/2 Blue Sand in HR		8	1478	1400	85.00	2.23	2.49	1.12	50%
12	13.5	1/2 Green Sand in HR		9	1520	1474	84.00	5.04	5.82	1.64	55%
	13.5	CB.									
		STOPPED BY SHEN									
		SHEN THROUGHOUT									
		LAYER OF SHEN AT 13.5									
		UNABLE TO KEEP OUT OF BIT									
		HAD SEVERAL ATTEMPTS TO									
		PENETRATE AFTER PULLING RODS									
		CHECKING BIT EACH TIME.									

332031

SAMPLE SHEET

copy to LGJ 19 E 76

32

AREA: PITWATER LINE: 00 BORE: 10805 DATE: _____

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	H.M. M%	Cum. H.M. WT %
From	To		Field	Lab.	SAMPLE WT.	USWT.	B/B			
0	1.5	Light Brown Sand M HR	1	1	1118	1116	84.75	0.18	0.21	
1.5	3	Grey Sand M HR	2	2	952	948	83.00	0.28	0.34	0.27
3	4.5	Grey Sand M HR	3	3	1032	1005	84.50	0.47	0.52	0.36
4.5	6	Grey Sand F HR	4	4	1073	1030	85.00	0.69	0.78	0.46
6	7.5	Grey Sand F SIMP	5	5	1134	1119	81.75	1.91	2.31	0.83
7.5	9	Grey Sand F SIMP	6	6	1057	1049	85.25	1.73	2.01	1.03
9	10.5	Grey Sand F IMP	7	7	1058	998	83.00	2.36	2.68	1.26
10.5	12	Grey Sand F HR	8	8	1172	1078	81.50	2.35	2.65	1.44
12	12.2	Grey Sand F HR	9	7	431	86	86.00	0.89	0.21	1.26
	12.2	CB								1.44
		2.5" WATER - CHANGE TO GREY SAND. SHELL THROUGHOUT STOPPED BY SHELL.								

332032

SAMPLE SHEET

copy to LGJ 19.8.76 033

TASMANIA

AREA: PITTWATER		LINE: 00	BORE: 1140'S		DATE:					
DEPTH		DESCRIPTION	Sample No.		TOTAL			H. m.	Cum.	
From	To		Field	Lab.	SAMPLE WT.	VIS WT.	R/B	A/B	WT. %	H. m. WT %
0	1.5	1/2 Brown Sand in water	1	1	1047	1043	81.00	0.43	0.53	
1.5	3	1/2 Brown Sand in water	2	2	1136	1101	84.00	0.45	0.52	0.52
3	4.5	Grey Sand F. water	3	3	938	918	85.25	0.19	0.22	0.42
4.5	6	Grey Sand F. water	4	4	1115	1094	83.00	0.40	0.47	0.43
6	7.5	Grey Sand F. SIMP	5	5	859	848	83.25	1.04	1.23	0.59
7.5	9	Grey Sand F. SIMP	6	6	1452	1420	85.00	2.21	2.54	0.92
9	10.5	Grey Sand F. water	7	7	915	867	81.00	2.86	3.35	1.27
10.5	12	Grey Sand F. SIMP	8	8	1100	1065	82.00	1.59	1.53	1.30
	12	CB.								
		STOPPED BY SHELL								
		2 ^m WATER.								

332033

SAMPLE SHEET

Copy to P. Wilson
23.8.76
034

TASMANIA

B. GOOD

AREA: PITNATER LINE: 00 BORE: 1200 S DATE: _____

M0(ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			R/B	HM Wt %	Cum HM Wt %
From	To		Field	Lab.	SAMPLE Wt.	US Wt.	B/B			
0	1.5	1/2 Brown Sand M. VTR	1	1	1146	1136	80.00	0.79	0.98	
1.5	3	1/2 Brown Sand M. VTR	2	2	1456	1427	85.00	0.65	0.75	0.86
3	4.5	1/2 Grey Sand M. VTR	3	3	939	896	81.25	0.44	0.52	0.75
4.5	6	Grey Sand VTR	4	4	1057	1016	82.75	0.42	0.49	0.68
6	7.5	Grey Sand VTR	5	5	958	945	85.50	0.30	0.35	0.62
7.5	9	Grey Sand F. SIMA	6	6	1190	1175	85.00	1.06	1.23	0.72
9	10.5	Grey Sand F. VTR	7	7	1401	1339	83.25	2.95	3.39	1.10
10.5	12	Grey Sand F. 100	8	8	1388	1148	82.00	2.25	2.27	1.25
12	13.5	Grey Sand F. VTR	9	9	1461	1327	82.00	4.07	4.51	1.60
13.5	14.9	Grey Sand F. 100	10	10	958	522	85.25	1.36	0.87	1.53
	14.9	CB								
		STOPPED ON SHELL								
		2.5 WATER								
		SHELL THROUGHOUT.								

332034

SAMPLE SHEET

Copy to Philson 035
23.8.76 B. Good

TASMANIA

AREA: *PITNWATER*

LINE: *00*

BORE: *1260S*

DATE *13.8.76*

MOON

DEPTH		DESCRIPTION	Sample No.		TOTAL			R/B	H.A. WT %	D.W. HM WT %
From	To		Field	Lab.	SAMPLE WT	V/S WT	R/B			
<i>0</i>	<i>1.5</i>	<i>Y. Brown Sand m. VTR</i>	<i>1</i>	<i>1</i>	<i>978</i>	<i>974</i>	<i>80.00</i>	<i>0.16</i>	<i>0.20</i>	
<i>1.5</i>	<i>3</i>	<i>Y. Brown Sand m. VTR</i>	<i>2</i>	<i>2</i>	<i>1088</i>	<i>1071</i>	<i>84.00</i>	<i>0.21</i>	<i>0.25</i>	<i>0.22</i>
<i>3</i>	<i>4.5</i>	<i>Grey Sand m. VTR</i>	<i>3</i>	<i>3</i>	<i>1015</i>	<i>975</i>	<i>80.00</i>	<i>0.16</i>	<i>0.14</i>	<i>0.20</i>
<i>4.5</i>	<i>6</i>	<i>Grey Sand m. VTR</i>	<i>4</i>	<i>4</i>	<i>1527</i>	<i>1501</i>	<i>85.50</i>	<i>0.56</i>	<i>0.64</i>	<i>0.31</i>
<i>6</i>	<i>7.5</i>	<i>Grey Sand m. VTR</i>	<i>5</i>	<i>5</i>	<i>744</i>	<i>731</i>	<i>84.00</i>	<i>0.32</i>	<i>0.37</i>	<i>0.32</i>
<i>7.5</i>	<i>9</i>	<i>Grey Sand f. SIMO</i>	<i>6</i>	<i>6</i>	<i>1500</i>	<i>1471</i>	<i>81.25</i>	<i>1.24</i>	<i>1.50</i>	<i>0.52</i>
<i>9</i>	<i>10.5</i>	<i>Grey Sand f. IMP</i>	<i>7</i>	<i>7</i>	<i>1461</i>	<i>1280</i>	<i>79.50</i>	<i>1.94</i>	<i>2.14</i>	<i>0.75</i>
<i>10.5</i>	<i>12</i>	<i>Grey Sand f. IMP</i>	<i>8</i>	<i>8</i>	<i>1504</i>	<i>1442</i>	<i>84.50</i>	<i>0.17</i>	<i>0.19</i>	<i>0.68</i>
<i>12</i>		<i>EB.</i>								
		<i>STOPPED BY SMALL</i>								
		<i>WATER 2".</i>								

332035

SAMPLE SHEET

copy to P. Wilson
23.8.76

Bx 036

B. Goody

MD (1)

AREA: PITWATER LINE: 00 BORE: 1380 S DATE: 18-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL	U/S Wt.	BIB	A/B	H.M.	cum	
From	To		Field	Lab.	SAMPLE Wt.				Wt. %		
0	1.5	1/2 Brown Sand m. size	1	1	838	835	81.50	0.38	0.46		
1.5	3	1/2 Brown Sand m. size	2	2	1148	1132	83.50	0.38	0.45	0.07	
3	2.5	Grey Sand m. size	3	3	1409	1370	85.00	0.46	0.53	0.48	
4.5	6	Grey Sand m. size	4	4	684	679	85.00	0.63	0.74	0.54	
6	7.5	Grey Sand m. size	5	5	1320	1314	81.00	0.79	0.97	0.63	
7.5	9	Grey Sand s. size	6	6	1285	1251	83.50	0.70	0.82	0.66	
9	10.5	Grey Sand m. size	7	7	1435	1313	82.25	2.96	3.29	1.04	
10.5	12	Grey Sand m. size	8	8	840	814	82.00	1.87	2.21	1.18	
12	12.4	Grey Sand m. size	9	9	361	343	85.75	3.98	4.41	1.54	
	12.4	CE. WATER 4.5"									
		STOPPED BY SHELL									
		POSING OFF BIT. SHELL									
		WIDENED TIGHT UNABLE									
		TO BLOW BACK.									

332036

SAMPLE SHEET

Copy to P. White 037
23.8.76 B. Good
M O (1)

AREA: PITTWATER

LINE: 00

BORE: 1380S

DATE 13.8.76

M O (1)

DEPTH		DESCRIPTION	Sample No.		TOTAL			F/B	H/W	CUM
From	To		Field	Lab.	SPIN-LE WT	W/S WT	B/B			
0	1.5	1/2 Brown Sand M HR	1	1	874	952	83.00	0.11	0.13	
1.5	3	1/2 Brown Sand M HR	2	2	1438	1224	85.00	0.20	0.23	0.14
3	4.5	1/2 Brown Sand M HR	3	3	973	950	84.00	0.22	0.26	0.21
4.5	6	Grey Sand F HR	4	4	1058	1037	81.00	0.31	0.34	0.25
6	7.5	Grey Sand F HR	5	5	1390	1365	85.00	0.82	0.95	0.39
7.5	9	Grey Sand F SMP	6	6	937	927	84.50	1.74	2.04	0.66
9	10.5	Grey Sand F SMP	7	7	1045	951	84.00	1.70	1.94	0.83
10.5	12	Grey Sand F SMP	8	8	1040	989	81.75	0.77	0.90	0.84
12.5	13.5	NO SAMPLE	9							9 } MISSING 10 }
13.5	15	NO SAMPLE	10							
15	16.5	1/2 Grey Sand F HR	11	11	1500	1500	85.50	0.20	0.23	
16.5	18	1/2 Grey Sand F HR	12	12	1211	1195	82.00	0.09	0.11	
18	19.5	1/2 Grey Clay Bound Sand F HR	13	13	1082	909	83.00	0.20	0.20	
19.5	21	1/2 Grey Clay Bound Sand F HR	14	14	1625	1244	85.50	0.19	0.17	
21	22.5	1/2 Grey Clay Bound Sand F SMP	15	15	1193	1164	80.00	0.30	0.36	
22.5	24	1/2 Grey Clay Bound Sand F HR	16	16	1046	840	85.00	0.11	0.10	
24	24.2	1/2 Grey Clay Bound Sand F SMP	17	17	548	524	85.00	0.41	0.46	

332037

SAMPLE SHEET

copy to P. Wilson
23.8.76

B. Goody

TASMANIA

AREA: <u>PITWATER.</u>		LINE: <u>00</u>	BORE: <u>14405</u>		DATE				MO (ii)	
DEPTH		DESCRIPTION	Sample No.		B	E	A	H M MT %	Cum H M WT %	
From	To		Field	Lab.						
0	1.5	<u>1/2 Brown Sand M HR</u>	1	1	657	655	81000	0.13	0.16	
1.5	3	<u>1/2 Brown Sand M HR</u>	2	2	1440	1430	85000	0.11	0.13 0.14	
3	4.5	<u>Dr Grey Sand M HR</u>	3	3	1065	1044	93000	0.08	0.09 0.13	
4.5	6	<u>Grey Sand F HR</u>	4	4	1266	1255	85050	0.22	0.26 0.16	
6	7.5	<u>Grey Sand F HR</u>	5	5	1239	1236	81000	0.46	0.57 0.24	
7.5	9	<u>Grey Sand F SIMP</u>	6	6	1490	1469	80050	1.41	1.73 0.49	
9	10.5	<u>Grey Sand F SIMP</u>	7	7	1103	1030	85000	2.29	2.52 0.78	
10.5	12	<u>Grey Sand F HR</u>	8	8	1010	980	81000	0.72	0.86 0.79	
	12	<u>CB WATER 4.5"</u>								
		<u>STOPPED BY SMALL</u>								
		<u>CLOSING OFF BIT.</u>								
		<u>UNABLE TO SHIFT.</u>								

332038

SAMPLE SHEET

copy to P. Wilson
26-8-76

039

1500S

B. GOOD

AREA: ITTHWATER

LINE: 00

BORE: 1320S

DATE 15 8-76

MD (ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	H.M Wt. %	Cum. HM Wt. %
From	To		Field	Lab.	SAMPLE WT.	US WT.	B/B			
0	1.5	1/2 Brown Sand m HR		1	940	937	82.00	0.30	0.37	
1.5	3	1/2 Brown Sand m HR		2	929	897	85.00	0.38	0.43	0.40
3	4.5	1/2 Grey Sand m HR		3	1131	1100	84.00	0.27	0.30	0.37
4.5	6	Grey Sand f HR		4	1159	1124	85.00	0.30	0.34	0.36
6	7.5	Grey Sand f HR		5	753	747	86.50	0.89	1.02	0.50
7.5	9	Grey Sand f HR		6	1323	1317	81.00	1.32	1.62	0.68
9	10.5	Grey Sand f HR		7	1536	1482	84.00	2.77	3.18	1.04
10.5	12	Grey Sand f HR		8	1394	1363	82.00	1.13	1.35	1.08
12	12.7	Grey Sand f SIM.		9	1507	1366	82.00	0.81	0.90	1.06
	12.7	CB. WATER 5"								
		STOPPED BY SHELL								
		CHANGE TO GRIT AT 4"								

B32039

SAMPLE SHEET

copy to
P. Wilson
23.8.76

GREEN 040

TASMANIA

B. Goody
M.D.C.I.S

AREA: PITNWATER LINE: 00 BORE: 15605 DATE: 18-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL	ULSWr.	BIB	A/B	H.M. Wt. %	Cum HM. Wt. %	
From	To		Field	Lab.	SAMPLE Wt.						
0	1.5	1/2 Brown Sandm Wt	1	1	1082	1080	82.50	0.24	0.29		
1.5	3	1/2 Brown Sandm Wt	2	2	1299	1286	78.50	0.36	0.45	0.37	
3	4.5	1/2 Grey Sandm Wt	3	3	1165	1151	81.50	0.25	0.30	0.35	
4.5	6	Grey Sandm Wt	4	4	1347	1338	80.50	0.24	0.30	0.34	
6	7.5	Grey Sandm Wt	5	5	1004	1007	80.00	0.34	0.42	0.35	
7.5	9	Grey Sandm + simp	6	6	1289	1285	80.00	1.59	1.98	0.62	
9	10.5	Grey Sandm + Shell + simp	7	7	1332	1075	80.00	2.14	2.16	0.84	
10.5	12	Grey Sandm + Shell + simp.	8	8	1238	1023	81.00	1.48	1.45	0.92	
	12	C.B. WATER 5"									
		Stopped by Shell									
		Shell from water.									

332040

SAMPLE SHEET

copy to P. Wilson
26 & 76

7041

TASMANIA

B. Goody
M.D. (iii)

AREA: PITTWATER LINE: 00 BORE: 1620 S DATE: 15-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL	USWt.	BIB	A/B	H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.					
0	1.5	1/2 Brown Sand 1/2		1	1091	1089	81.00	0.56	0.69	
1.5	3	1/2 Brown Sand 1/2		2	1336	1330	82.25	0.66	0.80	0.75
3	4.5	1/2 Brown Sand 1/2		3	1270	1258	79.75	0.55	0.72	0.74
4.5	6	1/2 Grey Sand 1/2		4	1527	1494	85.00	0.43	0.50	0.68
6	7.5	1/2 Grey Sand 1/2		5	1274	1258	85.00	0.30	0.35	0.61
7.5	9	1/2 Grey Sand 1/2		6	1307	1300	80.50	0.65	0.77	0.64
9	10.5	Grey Sand + Shell simp		7	1174	1160	81.00	2.71	2.31	1.02
10.5	12	Grey Sand + Shell simp.		8	365	251	85.50	1.84	1.48	1.08
	12	CB. WATER 4.5"								
		STOPPED BY SHELL								
		SHELL FROM WATER L								

332041

SAMPLE SHEET

boring to Wilson
23.8.76

YELL
042

TASMANIA

B. Goody
MD(ii)

AREA: PITTPATER LINE: 00 BORE: 1680 S DATE: 18-8-76

DEPTH		DESCRIPTION	Sample No.		TOTAL			A/B	H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	ULSWt.	BIB			
0	1.5	1/2 Brown Sand M WTR	1	1	1051	1049	82.00	0.50	0.65	
1.5	3	1/2 Brown Sand M WTR	2	2	1010	1009	80.00	0.36	0.45	0.55
3	4.5	1/2 Brown Sand M WTR	3	3	1262	1253	81.50	0.70	0.85	0.65
4.5	6	1/2 Grey Sand M WTR	4	4	1515	1475	84.75	0.35	0.38	0.58
6	7.5	Grey Sand F WTR	5	5	1208	1203	80.50	0.29	0.35	0.47
7.5	9	Grey Sand F WTR	6	6	759	757	85.50	0.58	0.61	0.49
9	10.5	Grey Sand F SIMP	7	7	1116	1107	80.00	1.18	1.46	0.63
10.5	12	Grey Sand F SIMP + SHELL	8	8	1312	1212	81.00	1.38	1.57	0.75
	12	CB WATER 3.9"								
		STEPPED BY SHELL								
		SHELL FROM W.L.								

332042

SAMPLE SHEET

log by P. Wilson
Jb 276

PURPLE 43

B. Good

AREA: PITTSWATER

LINE: 0

BORE: 1740 S

DATE: 18-8-76

MD (11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. NT. %	Cum H.M. WT %
From	To		Field	Lab.	SAMPLE WT	U/S WT	B/B		
0	1.5	1/2 L Brown Sand M SIMP		1	1114	1009	80.00	0.79	0.89
1.5	3	Br & Grey Sand M 1/2R		2	1407	1371	84.00	0.59	0.68
3	4.5	Grey Sand M 1/2R		3	942	921	81.00	0.56	0.68
4.5	6	Grey Sand M 1/2R		4	1348	1343	82.50	0.89	0.83
6	7.5	Grey Sand F IMP		5	1505	1497	84.00	2.09	2.48
7.5	9	Grey Sand F M&R		6	502	458	85.00	3.46	1.55
9	9.9	Grey Sand F IMP + SHELL		7	1100	978	83.00	1.92	2.06
		CB. WATER 1.5"							
		STOPPED BY SHELL							
		WEDGED IN BIT							
		UNABLE TO CLEAR							

332043

SAMPLE SHEET

Copy to - P. Wilson
26-8-76

044

Spot Bore Airport (West)

B. Goody

AREA: Pittwater

LINE:

BORE:

DATE 17.8.76

MD(11)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum HM. Wt. %
From	To		Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	<u>7. Brown Sandstone</u>	1	1	607	605	85.00	1.15	1.35
1.5	3	<u>Brown Sandstone</u>	2	2	1257	1251	83.00	0.49	0.59
3	4.5	<u>Grey Sandstone</u>	3	3	1289	1262	84.00	0.37	0.43
4.5	6	<u>Grey Sandstone</u>	4	4	1434	1062	83.00	0.71	0.75
6	7.5	<u>Grey Sandstone</u>	5	5	1472	1352	83.75	1.40	1.54
7.5	9	<u>Grey Sandstone</u>	6	6	1261	1249	82.00	1.86	2.25
9	10.5	<u>Grey Sandstone</u>	7	7	540	473	80.00	2.36	2.58
	10.5	<u>CB.</u>							
		<u>Stopped by smell.</u>							
		<u>2" WATER.</u>							

332044

SAMPLE SHEET

Googy to P. Wilson
26-8-76

045

S. B. R. (red marker)

B. Googy

AREA: PITHWATER

LINE:

BORE: SPOT BORE ROAD DATE 16 8. 76

M.D. (ii)

DEPTH		DESCRIPTION	Sample No.		TOTAL			H.M. Wt. %	Cum H.M. Wt. %
			Field	Lab.	SAMPLE Wt.	U/S Wt.	BIB		
0	1.5	Yellow Sand m. blk	1	1	813	748	81.00	2.33	2.65
1.5	3	Brn Brown Sand f. simp	2	2	734	706	87.00	0.80	0.88
3	4.5	Grey Sand f. blk	3	3	1383	1040	80.00	0.40	0.38
4.5	5.3	Grey Sand f. blk	4	4	1036	895	84.00	0.32	0.33
5.3		CB.							
		STOPPED ON CLAY							
		SMALL WASH STONS 3-5.3							
		WATER 1.5"							

332045

SAMPLE SHEET

Copy to P. Wilson
26-8-76

046

TAS. **S. B. G.**

B. Goody
Md(ii)

AREA: **Pittwater**

LINE:

BORE: **SPOT BORE GATE** DATE: **16 8 76**

DEPTH		DESCRIPTION	Sample No.		TOTAL	U/S Wt.	BIB	A/B	H.M. Wt. %	Cum H.M. Wt. %
From	To		Field	Lab.	SAMPLE Wt.					
0	1.5	Y. Brown Sand n 1/2	1	1	1231	1230	85.50	1.54	1.80	
1.5	3	Y. Brown Sand n 1/2	2	2	1036	1030	80.00	2.08	2.59	2.19
3	4.5	Grey Sand + Shell n 1/2	3	3	1282	645.50	82.00	0.96	0.59	1.66
4.5	6	Grey Sand n 1/2	4	4	1560	1534	83.50	0.75	0.88	1.46
6	7.5	Grey Sand n 1/2	5	5	1146	1133	85.00	1.46	1.70	1.51
7.5	9	Grey Sand n 1/2	6	6	623	609	85.00	2.96	3.40	1.83
9	10.5	Grey Sand n 1/2	7	7	1353	1322	83.00	2.07	2.44	1.91
10.5	12	Grey Sand n 1/2	8	8	1378	1353	83.00	2.81	3.32	2.09
12	13.5	Grey Sand n 1/2	9	9	1264	1262	82.00	0.86	1.05	1.97
13.5	15	Grey Sand n 1/2	10	10	1337	1330.50	82.00	0.39	0.48	1.82
15	16.5	Grey Sand n 1/2	11	11	1555	1555	84.00	0.23	0.27	1.68
16.5	18	Grey Sand n 1/2	12	12	1019	1011	85.50	0.16	0.19	1.56
18	19	Grey Sand + Clay n 1/2	13	13	262	186	81.00	0.14	0.12	1.45
	19	C.B.								
		STOPPED ON CLAY								
		4" WATER								

332046

SAMPLE SHEET

Copy to Publisher
26-8-76

BLUE 047

B. Goody
Mo(ii)

AREA: S.B.F. PITTWATER LINE: _____ BORE: SPOT BORE FENCE DATE: 18-8-76

DEPTH	To	DESCRIPTION	Sample No.		TOTAL	USWt.	BIB	A/B	H.M. Wt. %	Cum H.M. Wt. %
			Field	Lab.	SAMPLE Wt.					
0	1.5	Brown Sand n IMP		1	1133	1110	85.50	1.07	1.36	
1.5	3	Brown Sand n IMP		2	1019	955	85.00	0.94	1.04	1.20
3	4.5	Gry Sand F SIMP		3	1550	1544	82.00	0.28	0.34	0.91
4.5	6	Gry Sand F VGR		4	1175	1150	83.00	0.37	0.44	0.79
6	7.5	Gry Sand F SIMP		5	771	769	85.00	0.47	0.55	0.75
7.5	9	Gry Sand F SIMP		6	942	915	80.00	0.67	0.81	0.76
9	10.5	Gry Sand F IMP		7	1205	1196	83.00	0.81	0.97	0.79
10.5	12	Br-Brown Sand F SIMP		8	1116	1111	82.50	0.39	0.47	0.75
12	13.5	Br-Brown Sand F VGR		9	1453	1429	83.00	0.18	0.21	0.66
13.5	15	Gry Sand F VGR		10	1113	1064	83.00	0.26	0.30	0.63
15	16.5	Gry Sand F VGR		11	417	378	85.00	0.08	0.09	0.60
16.5	18	Gry Sand F VGR		12	721	473	85.00	0.14	0.11	0.56
		CD								
		Stopped on clay								
		2" NATR								

332044

048



332048

MINERAL DEPOSITS LIMITED

SOUTHPORT

(d)

PLEASE COVER ONLY ONE SUBJECT IN EACH LETTER

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

INTER-OFFICE MEMORANDUM No. R237/76

YOUR REFERENCE E158/76

OUR REFERENCE RJV:MM

DATE 15th September 1976

COPIES TO Mr. R. A. Graves
Mr. P. J. Grenning
Mr. P. J. Giffard
Mr. H. Maher

Our File No. 05.001.1

Please find attached report of grain count analysis on Tasmanian samples, as per your memorandum E158/76.

T. J. Vickers
T. J. VICKERS

AB

043

332049



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 6.10.50.....

INTER-OFFICE MEMORANDUM NO.....

YOUR REFERENCE.....

OUR REFERENCE..... HM:MM.....

DATE..... 15th September 1976.....

COPIES TO.....

The three H.M. samples submitted were very difficult to identify and grain count.

Assay procedures included boiling in conc.HCl for 30 minutes. Sample 481 n-mags was also zinc block tested for cassiterite but N.T.D.

Results of assays are as follows:-

SAMPLE	MAG.OTHERS(%)	N-MAG.OTHERS(%)				TOTAL
		R	L	Z	O	
③ 480	88.50	2.45	5.09	2.94	1.02	100
① 481	88.28	4.10	2.99	3.39	1.24	100
③ 482	85.86	3.46	6.01	3.11	1.56	100
	87.55	3.33	4.69	3.15	1.27	

R. 3.78%
 L. 4.5%
 Z. 3.25%

Comment

- (1) The black opaque grains reporting in the mags"others" are mainly H/S, but there is a small quantity of ilmenite present.
- (2) The % leucoxene as stated applies to "leucoxene-like" grains. Undoubtedly the leucoxene content is much lower.

H. Maher

H. MAHER

050



SOUTHPORT

(e)

PLEASE COVER ONLY ONE SUBJECT IN EACH LETTER

TO MR. L. G. JOHNSON
FROM T. J. VICKERS
SUBJECT HEAVY MINERAL SAMPLE TASMANIA 6.10.80

INTER-OFFICE MEMORANDUM No. R242/76
YOUR REFERENCE E156/76
OUR REFERENCE TJV:MM 05.001.1
DATE 22nd September 1976
COPIES TO Mr. P. J. Giffard
Mr. P. J. Grenning
Mr. R. A. Graves

*Take from bulk representative
sample of Petrobar Ore zone
Leucosens + Rutile*

Chemical Assay results are as follows:-

Sample	% TiO ₂
RUTILE 2.4 amp Non Mag	88.6

Regards,

T. J. Vickers
T. J. VICKERS

051

332051



MINERAL DEPOSITS LIMITED

SOUTHPORT

(4)

PLEASE COVER ONLY ONE SUBJECT IN EACH LETTER

TO MR. L. G. JOHNSON

FROM T. J. VICKERS

SUBJECT CHEMICAL ASSAYS - HEAVY MINERAL

SAMPLE TASMANIA - 6.10.80

INTER-OFFICE MEMORANDUM No. R248/76

YOUR REFERENCE E170/76

OUR REFERENCE TJV:MM 05 001 1

DATE 30th September 1976

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

TiO₂ assays are as follows:-

481
482
480

	% TiO ₂
Ilm. 1.	50.4
2.	45.9
3.	41.9
H/S Magnetite.	43.8

Regards,

T. J. Vickers
T. J. VICKERS

Check Mr. Cr.

30/9/76

LCJ
Please requested to assay the 3 samples for
Mr & Co.

RB

Horizontal
Vertical

052

052

PITTWATER - TASMANIA

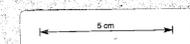
052

052

052

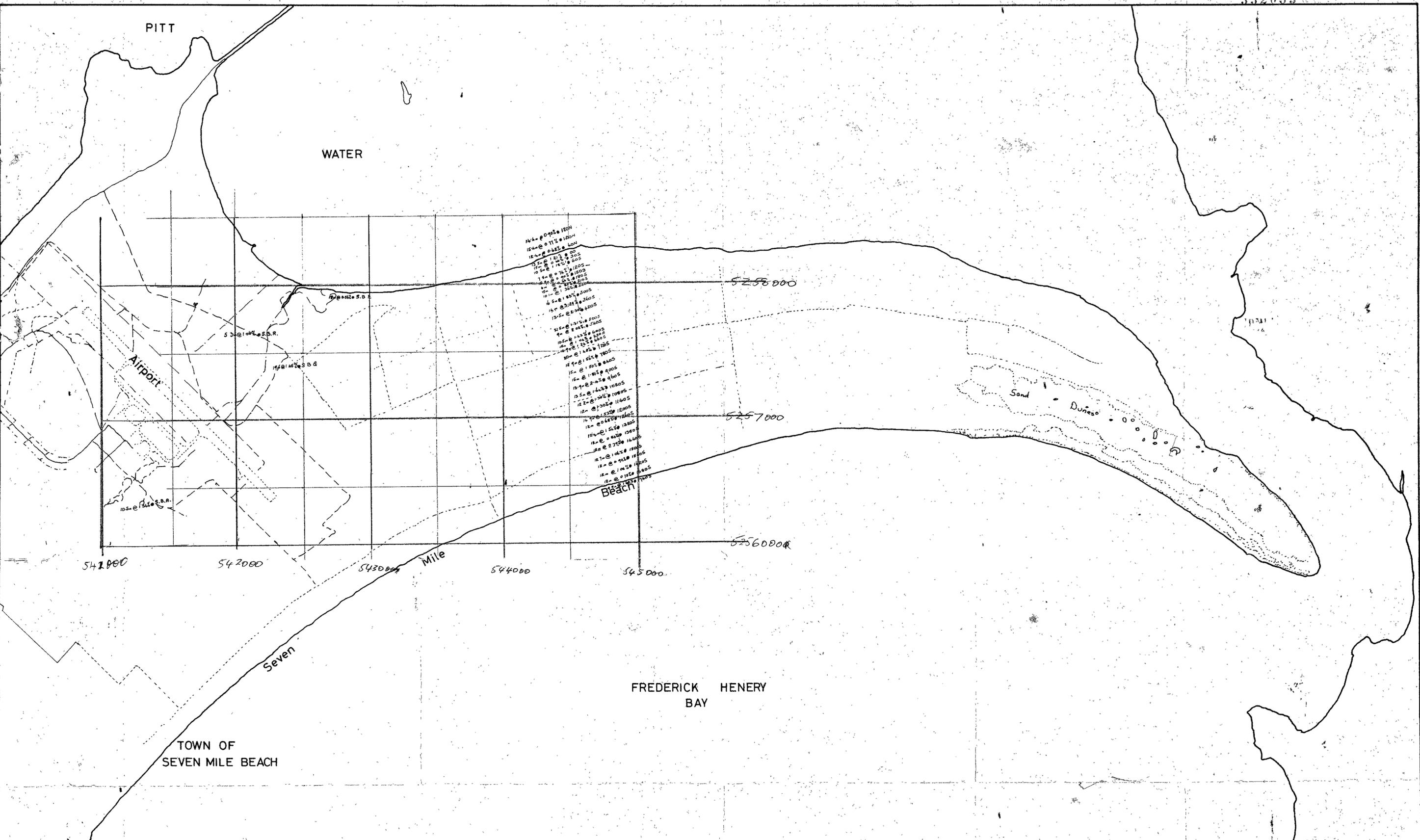
77-1192

332052

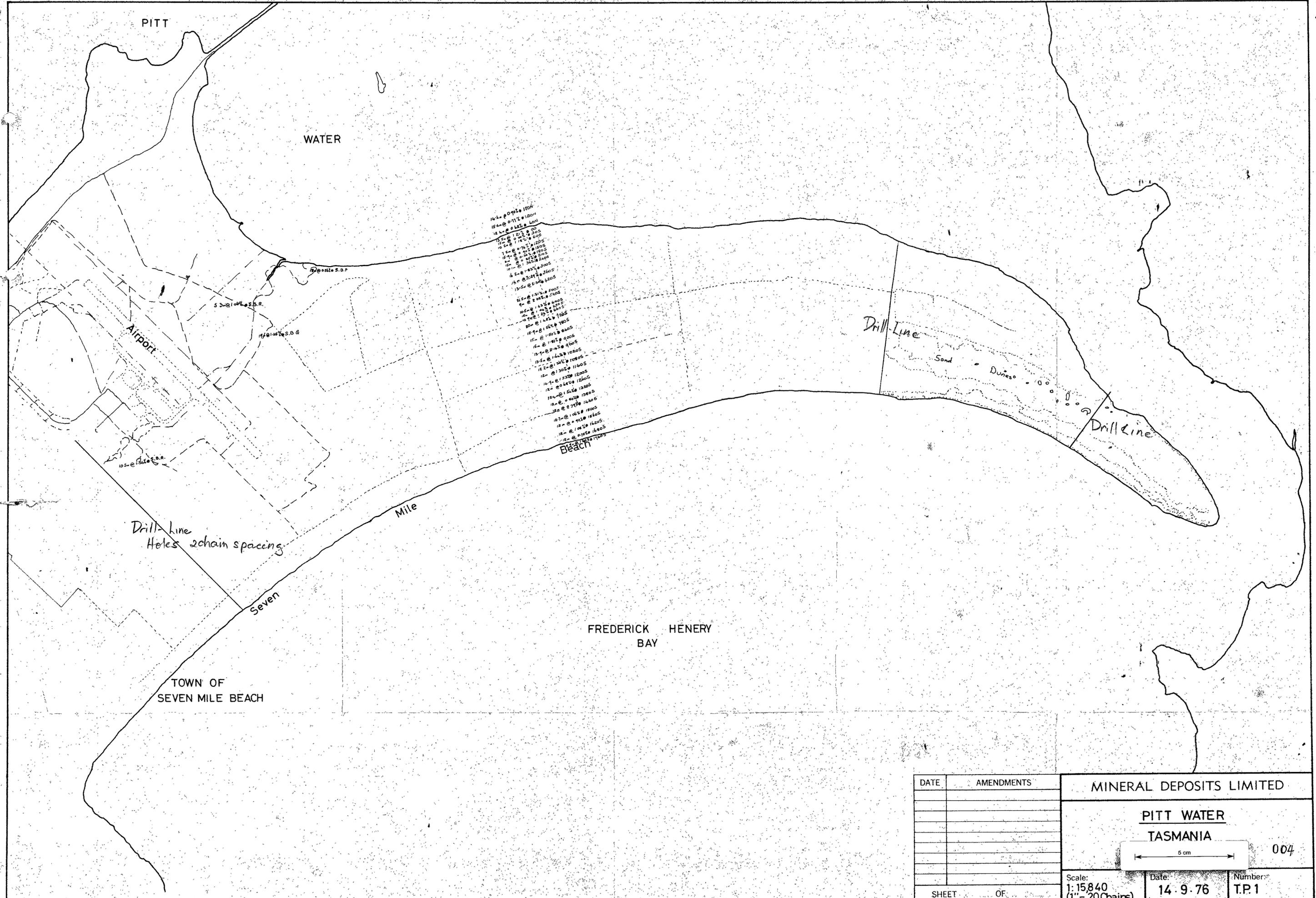


ALLIANCE BRITISH MADE 10W 120W 6W 0 60 150 150 200 200 250 250 300 300 350 350 400 400 450 450 500 500 550 550 600 600 650 650 700 700 750 750 800 800 850 850 900 900 950 950 1000 1000 1050 1050 1100 1100 1150 1150 1200 1200 1250 1250 1300 1300 1350 1350 1400 1400 1450 1450 1500 1500 1550 1550 1600 1600 1650 1650 1700 1700 1750 1750 1800 1800 1850 1850 1900 1900 1950 1950 2000 2000

1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.09	3.10	3.11	3.12	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	3.49	3.50	3.51	3.52	3.53	3.54	3.55	3.56	3.57	3.58	3.59	3.60	3.61	3.62	3.63	3.64	3.65	3.66	3.67	3.68	3.69	3.70	3.71	3.72	3.73	3.74	3.75	3.76	3.77	3.78	3.79	3.80	3.81	3.82	3.83	3.84	3.85	3.86	3.87	3.88	3.89	3.90	3.91	3.92	3.93	3.94	3.95	3.96	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00	6.01	6.02	6.03	6.04	6.05	6.06	6.07	6.08	6.09	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19	6.20	6.21	6.22	6.23	6.24	6.25	6.26	6.27	6.28	6.29	6.30	6.31	6.32	6.33	6.34	6.35	6.36	6.37	6.38	6.39	6.40	6.41	6.42	6.43	6.44	6.45	6.46	6.47	6.48	6.49	6.50	6.51	6.52	6.53	6.54	6.55	6.56	6.57	6.58	6.59	6.60	6.61	6.62	6.63	6.64	6.65	6.66	6.67	6.68	6.69	6.70	6.71	6.72	6.73	6.74	6.75	6.76	6.77	6.78	6.79	6.80	6.81	6.82	6.83	6.84	6.85	6.86	6.87	6.88	6.89	6.90	6.91	6.92	6.93	6.94	6.95	6.96	6.97	6.98	6.99	7.00	7.01	7.02	7.03	7.04	7.05	7.06	7.07	7.08	7.09	7.10	7.11	7.12	7.13	7.14	7.15	7.16	7.17	7.18	7.19	7.20	7.21	7.22	7.23	7.24	7.25	7.26	7.27	7.28	7.29	7.30	7.31	7.32	7.33	7.34	7.35	7.36	7.37	7.38	7.39	7.40	7.41	7.42	7.43	7.44	7.45	7.46	7.47	7.48	7.49	7.50	7.51	7.52	7.53	7.54	7.55	7.56	7.57	7.58	7.59	7.60	7.61	7.62	7.63	7.64	7.65	7.66	7.67	7.68	7.69	7.70	7.71	7.72	7.73	7.74	7.75	7.76	7.77	7.78	7.79	7.80	7.81	7.82	7.83	7.84	7.85	7.86	7.87	7.88	7.89	7.90	7.91	7.92	7.93	7.94	7.95	7.96	7.97	7.98	7.99	8.00	8.01	8.02	8.03	8.04	8.05	8.06	8.07	8.08	8.09	8.10	8.11	8.12	8.13	8.14	8.15	8.16	8.17	8.18	8.19	8.20	8.21	8.22	8.23	8.24	8.25	8.26	8.27	8.28	8.29	8.30	8.31	8.32	8.33	8.34	8.35	8.36	8.37	8.38	8.39	8.40	8.41	8.42	8.43	8.44	8.45	8.46	8.47	8.48	8.49	8.50	8.51	8.52	8.53	8.54	8.55	8.56	8.57	8.58	8.59	8.60	8.61	8.62	8.63	8.64	8.65	8.66	8.67	8.68	8.69	8.70	8.71	8.72	8.73	8.74	8.75	8.76	8.77	8.78	8.79	8.80	8.81	8.82	8.83	8.84	8.85	8.86	8.87	8.88	8.89	8.90	8.91	8.92	8.93	8.94	8.95	8.96	8.97	8.98	8.99	9.00	9.01	9.02	9.03	9.04	9.05	9.06	9.07	9.08	9.09	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18	9.19	9.20	9.21	9.22	9.23	9.24	9.25	9.26	9.27	9.28	9.29	9.30	9.31	9.32	9.33	9.34	9.35	9.36	9.37	9.38	9.39	9.40	9.41	9.42	9.43	9.44	9.45	9.46	9.47	9.48	9.49	9.50	9.51	9.52	9.53	9.54	9.55	9.56	9.57	9.58	9.59	9.60	9.61	9.62	9.63	9.64	9.65	9.66	9.67	9.68	9.69	9.70	9.71	9.72	9.73	9.74	9.75	9.76	9.77	9.78	9.79	9.80	9.81	9.82	9.83	9.84	9.85	9.86	9.87	9.88	9.89	9.90	9.91	9.92	9.93	9.94	9.95	9.96	9.97	9.98	9.99	10.00	10.01	10.02	10.03	10.04	10.05	10.06	10.07	10.08	10.09	10.10	10.11	10.12	10.13	10.14	10.15	10.16	10.17	10.18	10.19	10.20	10.21	10.22	10.23	10.24	10.25	10.26	10.27	10.28	10.29	10.30	10.31	10.32	10.33	10.34	10.35	10.36	10.37	10.38	10.39	10.40	10.41	10.42	10.43	10.44	10.45	10.46	10.47	10.48	10.49	10.50	10.51	10.52	10.53	10.54	10.55	10.56	10.57	10.58	10.59	10.60	10.61	10.62	10.63	10.64	10.65	10.66	10.67	10.68	10.69	10.70	10.71	10.72	10.73	10.74	10.75	10.76	10.77	10.78	10.79	10.80	10.81	10.82	10.83	10.84	10.85	10.86	10.87	10.88	10.89	10.90	10.91	10.92	10.93	10.94	10.95	10.96	10.97	10.98	10.99	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	11.12	11.13	11.14	11.15	11.16	11.17	11.18	11.19	11.20	11.21	11.22	11.23	11.24	11.25	11.26	11.27	11.28	11.29	11.30	11.31	11.32	11.33	11.34	11.35	11.36	11.37	11.38	11.39	11.40	11.41	11.42	11.43	11.44	11.45	11.46	11.47	11.48	11.49	11.50	11.51	11.52	11.53	11.54	11.55	11.56	11.57	11.58	11.59	11.60	11.61	11.62	11.63	11.64	11.65	11.66	11.67	11.68	11.69	11.70	11.71	11.72	11.73	11.74	11.75	11.76	11.77	11.78	11.79	11.80	11.81	11.82	11.83	11.84	11.85	11.86	11.87	11.88	11.89	11.90	11.91	11.92	11.93	11.94	11.95	11.96	11.97	11.98	11.99	12.00	12.01	12.02	12.03	12.04	12.05	12.06	12.07	12.08	12.09	12.10	12.11	12.12	12.13	12.14	12.15	12.16	12.17	12.18	12.19	12.20	12.21	12.22	12.23	12.24	12.25	12.26	12.27	12.28	12.29	12.30	12.31	12.32	12.33	12.34	12.35	12.36	12.37	12.38	12.39	12.40	12.41	12.42	12.43	12.44	12.45	12.46	12.47	12.48	12.49	12.50	12.51	12.52	12.53	12.54	12.55	12.56	12.57	12.58	12.59	12.60	12.61	12.62	12.63	12.64	12.65	12.66	12.67	12.68	12.69	12.70	12.71	12.72	12.73	12.74	12.75	12.76	12.77	12.78	12.79	12.80	12.81	12.82	12.83	12.84	12.85	12.86	12.87	12.88	12.89	12.90	12.91	12.92	12.93	12.94	12.95	12.96	12.97	12.98	12.99	13.00	13.01	13.02	13.03	13.04	13.05	13.06	13.07	13.08	13.09	13.10	13.11	13.12	13.13	13.14	13.15	13.16	13.17	13.18	13.19	13.20	13.21	13.22	13.23	13.24	13.25	13.26	13.27	13.28	13.29	13.30	13.31	13.32	13.33	13.34	13.35	13.36	13.37	13.38	13.39	13.40	13.41	13.42	13.43	13.44	13.45	13.46	13.47	13.48	13.49	13.50	13.51	13.52	13.53	13.54	13.55	13.56	13.57
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DATE		AMENDMENTS		MINERAL DEPOSITS LIMITED	
				PITT WATER TASMANIA	
				5 cm	
				Scale:	Date:
				1:15840 (1" = 20Chairs)	14.9.76
				Number:	003
SHEET		OF		T.P.1	



DATE		AMENDMENTS		MINERAL DEPOSITS LIMITED	
				PITT WATER TASMANIA	
				5 cm	
				004	
				Scale:	Date:
				1:15,840	14-9-76
				(1" = 20Chains)	Number:
					T.P.1
SHEET	OF				

053

