

OPEN FILE

# ANNUAL REPORT

**MICROFILMED**  
FICHE No. 013413-

## EL 15/91 - SCOTTSDALE

22 November 1993 - 22 November 1994

# 95-3667

PREPARED BY:

STORNOWAY HEWITT PTY LTD

7 DECEMBER 1994

MINES		
FILE REF. EL 15/91		
13 JAN 1995		
DOC. REF.		
OFFICER	FOR ACTION	FOR INFO.
SEE	FOLIO	61.
REVISION TO	DATE	

**AIMS**

The area covered by EL 15/91 is considered to be a potential source of high purity silica sand.

It is being explored to establish quantities and grades of sand for use in glass making and other industries.

Important factors to be determined are:

1. Overall quantities available.
2. Relative content of silica and other minerals.
3. Grain size.

Current exploration is aimed at points 1 and 3.

**WORK FOR PERIOD**

During the year mechanical digging was carried out on the area immediately north of ML 11M/91.

Forty eight pits were excavated on a 100m grid over an area of 48 ha (Area plan attached). Pits were excavated to the base of sand deposits and one sample taken from each pit being representative of material at all depths of the deposit. Samples were individually tested for grading.

All work was carried out "in house".

**CONCLUSIONS**

The area surveyed indicated continuation of the existing known deposit over an extended area.

**FUTURE EXPLORATION**

This will extend the area currently surveyed to establish total quantities and to explore more suitable gradings.

**EXPENDITURE FOR PERIOD**

October/November 1994

Field works	\$4,845
Analysis	\$2,400
Office and Administration	\$1449
	<hr/>
	<u>\$8,694</u>

I Alan Gardner of Stornoway, RSD 245, Relbia, Tasmania being a Director of Stornoway Hewitt Pty Ltd, to solemnly and sincerely declare that the foregoing information is to the best of my knowledge and belief correct, and I make this solemn declaration consciously believing the same to be true and by virtue of the provisions of an Act of Parliament of Tasmania rendering persons making a false declaration punishable for wilful and corrupt perjury.

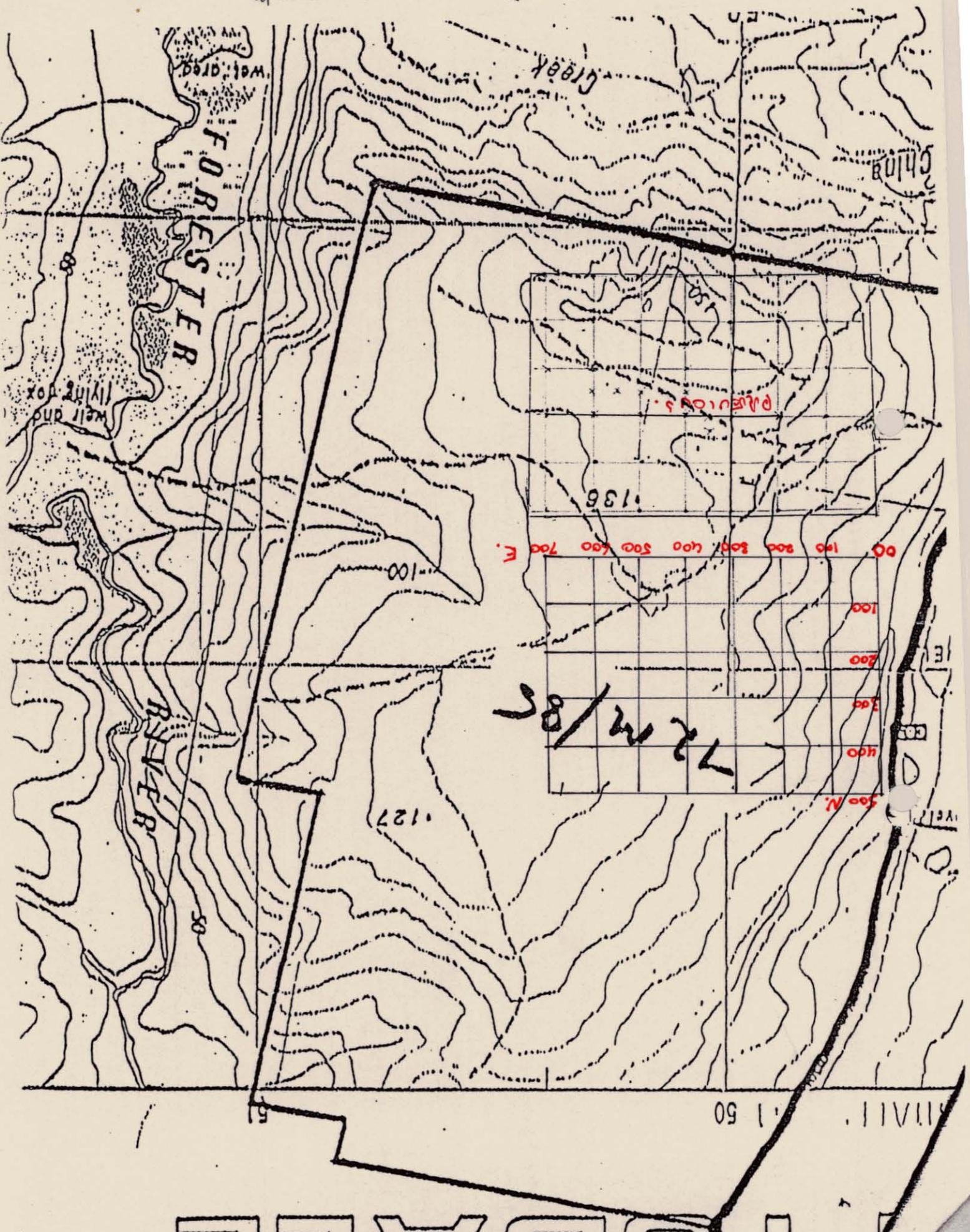
Declared at LAUNCESTON in the state of Tasmania

this 12<sup>th</sup> day of JANUARY 1995.

before me C. With J.P.  
A Justice of the Peace

Signed Alan Gardner  
Alan Gardner

# FTSODALE



Survey Grid  
 6x7 = 4200 m  
 8x500 = 4000 m  
 8200m

EL15/91 SCOTTSDALE NOVEMBER 1994 (SHGRID)

NORTH EAST 0 100 200 300 400 500 600 700

=====

500 N

O'Burden	0.3	0.3	0.4	0.5	0.3	0.3	0.1	0.4
Sand depth	0.8	1.3	0.9	1.6	1.9	2.1	2.8	1.4
Underlay	H Pan	H Pan	Clay	Clay	H Pan	H Pan	H Pan	H Pan

Screen mm

4.75	2	7	4	8	6	1	4	9
2.36	16	12	14	11	12	13	12	19
1.18	24	24	26	22	25	24	26	26
0.600	23	24	23	27	24	23	23	24
0.300	16	17	15	17	13	15	15	12
0.150	6	7	7	7	10	9	8	5
0.075	3	4	3	4	4	4	4	2
Pan	10	5	8	4	6	11	8	3

=====

400 N

O'Burden	0.3	0.3	0.6	0.5	0.3	0.2	0.2	0.4
Sand depth	1.3	0.12	0.6	0.5	1.8	2.1	1.8	0
Underlay	H Pan	H Pan	H Pan	Clay	H Pan	H Pan	Clay	H Pan

Screen mm

4.75	1	7	9	5	3	2	2	7
2.36	8	15	17	20	14	11	14	16
1.18	23	26	21	26	25	28	22	27
0.600	21	23	22	24	25	24	25	23
0.300	20	12	14	10	12	13	14	11
0.150	11	9	12	7	9	8	10	8
0.075	5	3	2	1	3	4	3	3
Pan	11	5	3	7	9	10	10	5

=====

300 N

O'Burden	0.3	0.5	0.3	0.3	0.4	0.6	0.3	0.3
Sand depth	1.1	1.2	0.8	0.6	1.4	1.3	1.8	1.2
Underlay	H Pan	H Pan	Clay	H Pan				

Screen mm

4.75	3	6	2	5	4	7	3	2
2.36	15	17	5	14	9	19	14	16
1.18	23	22	23	26	18	20	26	29
0.600	25	26	24	22	26	22	23	21
0.300	14	11	21	14	20	19	14	11
0.150	8	10	9	9	10	6	8	8
0.075	3	2	6	3	5	2	3	3
Pan	9	6	10	7	8	5	9	10

=====

200 N

O'Burden	0.3	0.4	0.3	0.3	0.6	0.5	0.3	0.3
Sand depth	1.1	1.9	1.4	2.1	1.8	1.6	1.3	1.2
Underlay	H Pan	H Pan	Clay	H Pan				
Screen mm								
4.75	5	3	6	3	6	8	2	9
2.36	8	21	14	19	18	17	9	11
1.18	26	27	22	24	24	21	28	24
0.600	23	15	23	24	26	28	22	25
0.300	17	14	18	12	9	10	17	17
0.150	9	10	8	7	9	10	7	7
0.075	5	1	3	2	2	2	5	4
Pan	7	9	6	9	6	4	10	3

=====

100 N

O'Burden	0.3	0.3	0.3	0.5	0.3	0.4	0.3	0.6
Sand depth	1.9	1.3	1.4	0.8	0.9	0.4	0.2	0.6
Underlay	H Pan							
Screen mm								
4.75	5	6	3	8	8	6	9	2
2.36	21	15	16	13	6	22	13	12
1.18	28	22	26	22	24	25	22	24
0.600	22	23	22	25	24	26	22	23
0.300	9	15	12	15	20	8	19	18
0.150	7	10	9	9	8	6	8	7
0.075	1	3	3	4	6	1	4	4
Pan	7	6	9	4	4	6	3	10

=====

00 N

O'Burden	0.3	0.3	0.5	0.3	0.3	0.3	0.6	0.4
Sand depth	0.4	0.6	0.2	0.6	0.9	2.1	1.7	1.4
Underlay	H Pan	H Pan	Clay	H Pan				
Screen mm								
4.75	3	5	5	3	7	9	2	6
2.36	7	21	22	18	14	10	8	17
1.18	22	23	28	22	28	26	25	26
0.600	26	25	24	22	21	23	26	23
0.300	19	13	8	16	11	14	15	13
0.150	8	5	5	8	11	10	9	7
0.075	6	1	1	2	3	5	5	2
Pan	9	7	7	9	5	3	10	6