

# ANNUAL REPORT

**MICROFILMED**  
FICHE No.013754-

**EL 15/91 - SCOTTSDALE**

**22 November 1994 - 22 November 1995**

95-3787

PREPARED BY:

STORNOWAY HEWITT PTY LTD  
25 October 1995

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 based on 4980E 4940N.

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	\$5,235
Analysis	\$2,880
Office and Administration	\$1,623
	<hr/>
	\$9,738
	<hr/>

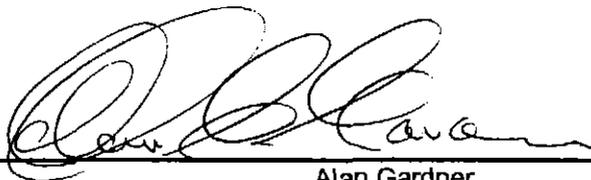
I Alan Gardner of Stornoway, RSD 245, Relbia, Tasmania being a Director of Stornoway Hewitt Pty Ltd, to solemnly and sincerely declare that the foregoing information is to the best of my knowledge and belief correct, and I make this solemn declaration consciously believing the same to be true and by 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 25<sup>th</sup> day of OCTOBER 1995

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

Signed

  
Alan Gardner



MINIMUM ENVIRONMENTAL IMPACT INFORMATION TO ACCOMPANY EXPLORATION LICENCE APPLICATIONS AND RENEWALS

The purpose of this form is to outline works which are, or may be, proposed during the term of the exploration. As soon as exact details of the work program are known these should be submitted to Industry Safety and Mines, on the appropriate form (pink), together with a map clearly showing the location of any proposed grids, tracks, costeans, drill pads and so on.

Return to Industry Safety and Mines, PO Box 56, Rosny Park, 7018

1. Applicant:

Company STARNOWA Y HEWITT Pty Ltd
Name of Representative AUN GARDNER Position DIR
Address for Correspondence RSD 245 RELBIA 7258
Telephone No. 083 467250 Fax No. 083 430920

2. Licence Application:

Application No. 15/91 Date 24/10/95
Location SCOTSDALE Area 5 km^2

3. Commodity being sought:

Base Metals / Alluvial Tin / Alluvial Gold / Construction Materials / Industrial Minerals / Coal or Shale / Oil
SAND

4. Land Status:

Uncommitted Crown/State Forest/Forest Reserve/Protected Area/Conservation Area/Other Reserve/World Heritage Area/Private Property
STATE FOREST

5. Present Land Use:

Natural or Undisturbed / Grazing / Cropping / Forest Production / Recreation
NATURAL

6. Outline of Proposed Work Programme

(Work which may be undertaken during the next 12 months)

Literature Review Yes/No
Field Work Yes/No

7. If field work is planned please complete the following:

Access:

to be used/developed:

Walking:

use existing tracks
cut new survey lines, tracks\*

Wheeled Vehicles:

use existing tracks
renovate old tracks\*
construct new tracks\*

Tracked Vehicles:

use existing tracks
renovate old tracks\*
construct new tracks\*

Aircraft:

use old airstrips
construct airstrips\*
use old helipad
renovate old helipad\*
form new helipad\*

\* As soon as the exact location of such proposed sites is known a request for approval should be made to Industry Safety and Mines. Enclose a legible map, preferably at 1:100 000 or 1:25 000 scale.

8. Prospecting Methods (which may be used during the next 12 months):

Geological Survey
Cutting Survey Lines
Geochemical Survey
Geophysical Survey
type (IP, UTEM, gravity, etc.)
by foot/vehicle access
by air
Manual Digging
Manual Drilling
Mechanical Digging
Mechanical Drilling
Blasting
Bulk Sampling

9. Earthworks and Land Disturbance planned during the next 12 months (To be undertaken only with prior written permission)

Costeans: Yes/No
Pits: Yes/No
Drill-holes: Yes/No
Vegetation clearing: Yes/No

If Yes answered to any of these questions details of proposed work to be forwarded to Industry Safety and Mines as soon as possible.

All correspondence should be addressed to:

Director of Mines
PO Box 56
ROSNY PARK
TASMANIA 7018

Enquiries:

Environmental Management Section:
Supervising Geologist: (002) 33 8326
Field Officer: (002) 33 8367

Registry Section:
Registrar of Mines: (002) 33 8341

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## PROPOSED EXPLORATION PROGRAMME

Applicants should detail the exploration programme for the renewal period

CONTINUATION OF CURRENT.

OFFICE USE

## INSTRUCTIONS FOR SUBMITTING THIS APPLICATION

1. This application must be forwarded to the Director of Mines, Gordons Hill Road, Rosny Park (PO Box 56, Rosny Park, 7018) to be received one month before the expiry date.
2. The Licence Document (for re-endorsement), application fee, rent in advance, annual report and relinquishment / final report (where applicable) **MUST** accompany this application.

DEPARTMENT OF MINES  
TASMANIA

OFFICE USE

APPLICATION FOR RENEWAL OF AN  
EXPLORATION LICENCE

1	<b>DETAILS OF LICENCE</b> If licence area is to be reduced, attach a map showing area for renewal	Exploration Licence No.: 15/91 Location: OLD WATERHOLE ROAD. Area: 5 km <sup>2</sup> Area for renewal km <sup>2</sup> Date issued: Renewal date: 22-11-95 Year of tenure (after renewal) (i.e. 1, 2, 3 etc)
	<b>LICENCE FEES</b>	Rent 5 km <sup>2</sup> at \$15.00 per km <sup>2</sup> = \$ 75 Application: \$ 300.00 Total: \$ 375
2	<b>APPLICANT(S):</b> Name of licensee	STORROWAY HEWITT P/L
	Address of licensee	Rd 245 REUBIA TAS 7258
	Name and address for correspondence	DITTO.
	Name and address of operator / manager if in joint venture	
	Contact officer / Titles officer (for administrative enquiries)	Name: ALAN GARDNER, Position: MGR Telephone: 083 447250 Company: Fax: " 430 920
	<b>APPLICATION</b> To be signed by the person making this application	I, the undersigned, being a duly authorised agent of the above named company, do hereby make application for renewal of the exploration licence described above  <i>Alan Gardner</i>
OFFICE USE		
Performance assessment / recommendation		
Geologist		Date
Recommendation		
Deputy Chief Geologist:		Date
Recommendation		
Chief Geologist:		Date
(Director of Mines)		Date

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**SUMMARY OF EXPLORATION COMPLETED**

Applicants should briefly outline work undertaken and major results during the current term\*

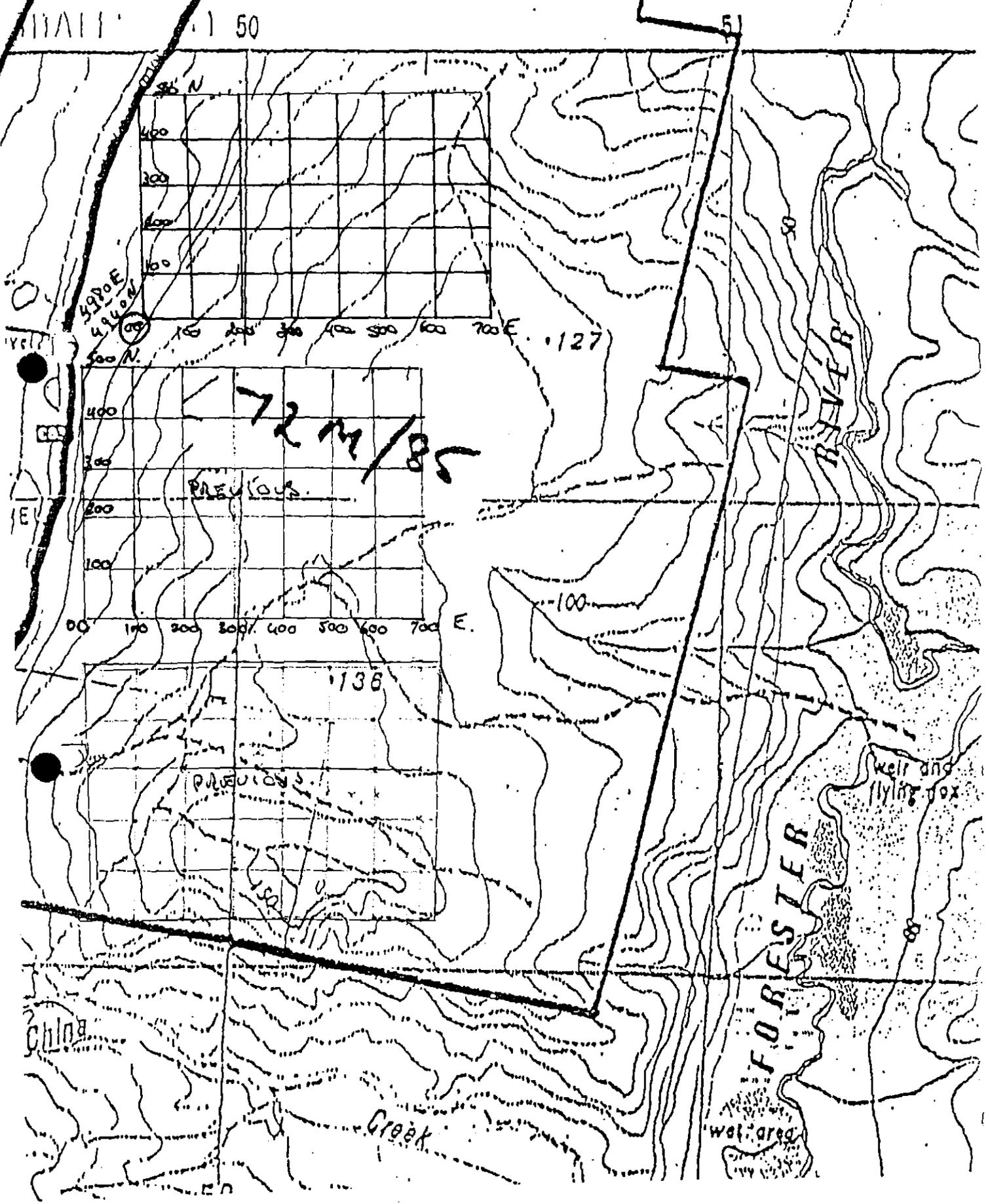
OFFICE USE

GRID SURVEY + TEST HOLES  
 48 TEST HOLES DETERMINING DEPTH  
 + INDIVIDUALLY SAMPLED FOR  
 GRADING ANALYSIS.

5	<b>EXPENDITURE</b>		\$	Recorded	OFFICE USE	
	Six months ending 30 June 1998		0		Current term*	Expend. + _____
	Six months ending 31 Dec 1998		9738			Commit. - _____
	Prior to current term*					Surplus or shortfall + _____
	During current term*					- _____
	During life of EL					
	Proposed for next term		5000		Next term	Commit. - _____
6	<b>REPORTS</b>	Date sent		TCR No.		
	Annual	_____				min. expend. for next term _____
	Relinquishment	_____				
	Other	_____				ETA No. _____
7	<b>ENVIRONMENTAL IMPACT ACTIVITIES</b> (Describe activities which caused disturbance)					
	TYPE		LOCATION		Inspected	Comments
TEST HOLES ONLY						
8	<b>REHABILITATION</b> (Describe environmental rehabilitation during current term)					
	IMMEDIATE					
9	<b>GUARANTEES / DEPOSITS</b>					
		Amount	Cash/bank	Guarantor		
	Performance guarantee	.....	.....	.....		
	Private land deposit	.....	.....	.....		
Recommendations / Environmental conditions of special note:						
(Supervising Geologist, Environmental Management)      Date						
* "Current term" means the year commencing on the last renewal date and will not usually coincide with interim report dates.						

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# TSDALE



SURVEY GRID

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

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