

# **LYNCH MINING PTY LTD**

**EL7/2005 “LUINA”  
Annual Report for the Period 30<sup>th</sup> June 2008 to  
30<sup>th</sup> June 2009.**

**A.M. Brewer  
May 2009**

## **SUMMARY**

Exploration Licence 7/2005, "Luina" covering an area of 18km<sup>2</sup> lies west southwest of Waratah in north western Tasmania. The area is held by Lynch Mining Pty Ltd.

This report describes activities conducted on the tenement area during the Annual Period 30<sup>th</sup> June 2008 to 30<sup>th</sup> June 2009.

Composited samples from each of the completed holes were metallurgically evaluated at the Burnie Research Laboratory. Individual assay samples for each metre of drilling were also collected, but no assaying has been undertaken on these samples to date.

Expenditure for the period totalled \$42,710.

# TABLE OF CONTENTS

## SUMMARY

### 1.0 INTRODUCTION

### 2.0 TENURE

### 3.0 PREVIOUS EXPLORATION

### 4.0 REGIONAL AND LOCAL GEOLOGY

### 5.0 EXPLORATION ACTIVITIES

#### 5.1 Metallurgical Test Work

### 6.0 EXPENDITURE

### 7.0 CONCLUSIONS AND RECOMMENDATIONS

## **Digital File List (on CD at back of report)**

EL072005\_200806\_A\_01\_Report.pdf  
EL072005\_200806\_A\_02\_Map.pdf  
EL072005\_200806\_A\_03\_Appendix.pdf  
EL072005\_200806\_A\_03\_Appendix.xls  
EL072005\_200806\_A\_03\_Appendix.txt  
EL072005\_200806\_A\_04\_Appendix.pdf

## **LIST OF FIGURES:**

**FIGURE 1:** Project Location.

## **LIST OF APPENDICES:**

**APPENDIX 1:** Drill Hole Composites Assay Data.

**APPENDIX 2:** Metallurgical Test Report and Data.

## **1.0 INTRODUCTION**

This report details all exploration work undertaken on Exploration Licence 7/2005, “Luina” during the Annual Period 30<sup>th</sup> June 2008 to 30<sup>th</sup> June 2009.

Exploration Licence 7/2005, “Luina” covering an area of 18 km<sup>2</sup>, lies in western Tasmania and is situated to the west of Waratah (Figure 1). Access is via the sealed Waratah-Savage River road and then via a series of old sealed and unsealed mine access and forestry roads/tracks.

EL 7/2005 is situated in western Tasmania and lies within the Burnie (SK55-3) 1:250,000 map sheet.

The terrain is dominated by steep shrub and tree covered slopes, with a significant area of rehabilitated mine workings and former town site. Areas of former forestry clearing are also present. The Whyte River transects the tenement area.

Exploration work during the reporting period has comprised metallurgical test work on drill samples obtained during the previous period.

The principal exploration targets for the area are the Cleveland Mine Sn/Cu tailings dams and remaining potential unquantified underground resources in the Cleveland Mine.

## **2.0 TENURE**

Exploration Licence 7/2005 (Luina) covering an area of 18 km<sup>2</sup> was granted to Lynch Mining Pty Ltd on 30<sup>th</sup> June 2005 for a period of 5 years (Figure 1).

## **3.0 PREVIOUS EXPLORATION**

The Cleveland deposit was discovered in 1898. Initial production of the surficial ore commenced in 1908, and ceased in 1914 after production of 295.5 tons of cassiterite. Tributing continued until 1917, during which time a further 48 tons were produced. Aberfoyle commenced mining in 1968, and mining was ceased in early 1986, primarily due to the collapse of the tin price.

At the cessation of the more recent mining approximately 7 million tonnes of ore assaying 0.82% Sn and 0.35% Cu had been processed.

Various reports show that a significant resource remains in the deposit, with Measured and Indicated resources of 5.2 million tonnes @ 0.70% Sn and 0.31% Cu and Inferred resources of 1.3 million tonnes @ 0.72% Sn and 0.22% Cu at a 0.35% Sn cut-off. In addition, a large resource known as the Foley Zone located at the lower levels of the mine

had been drilled and is reported to contain 3.8 million tonnes @ 0.28% WO<sub>3</sub> at a 0.2% cut-off. Data for these estimates has not yet been either sourced or verified.

## **4.0 REGIONAL AND LOCAL GEOLOGY**

The Cleveland ore bodies occur in a steeply dipping northeast trending succession of arenaceous, argillaceous, and chemical sediments and mafic volcanic rocks and ultramafic/mafic complexes. The sequence is unfossiliferous but has been correlated by rock type with the Cambrian Crimson Creek Formation of the Zeehan-Rosebery area. The Meredith Granite, a high level, late tectonic Late Devonian to Early Carboniferous granitic pluton believed to be genetically associated with the mineralisation, intrudes the sequence east and south of the mine. The Cleveland ore bodies are located in a dominantly fine grained sedimentary sequence that is thought to lie in an embayment on the margin of a basaltic eruptive centre.

The tin-copper ore bodies occur as a series of sub parallel, near vertical sulphide lenses within the Halls Formation. The mineralisation is composed largely of fine to medium grained quartz, tourmaline, fluorite, chlorite, and pyrrhotite plus chalcopyrite, cassiterite and stannite. Eleven lenses are recognised and are divided into two groups; the footwall and the hanging-wall lodes separated by a micaceous greywacke unit and an overlying basic volcanic unit. The footwall lodes are composed of three relatively thick lenses (Henrys, Lucks and Khaki) which have a strike length of less than 200 metres. The hanging-wall lodes (or Halls lenses) comprise five lenses and have a greater strike length and stratigraphic continuity than the footwall lodes, attaining a maximum thickness of about 30 metres and a maximum strike length of about 600 metres. The sulphide lenses are offset by a series of sub parallel, southeast dipping reverse faults.

## **5.0 EXPLORATION ACTIVITIES**

Exploration during the period has principally involved metallurgical test work on samples from drilling completed during the previous period.

### **5.1 METALLURGICAL TESTWORK**

Composited samples from each of the 32 completed holes were prepared and have been metallurgically evaluated at the AMMTEC Burnie Research Laboratory. Individual assay samples for each metre of drilling were also collected, but no assaying has been undertaken on these samples to date.

Composited drill samples from each of the completed drill holes were assayed by the AMMTEC laboratory in Burnie. Data is included as Appendix 1.

More detailed work has been completed on composited samples from Tailings Dam No. 1, and all relevant information is included as Appendix 2.

## **6.0 EXPENDITURE**

Expenditure over the licence area totalled \$42,710 during the reporting period to 22nd May 2009, and is broken down by expense in the table below: –

Staff Salaries & wages	\$15,000
Contract and Consulting Geologists, Field Assistants	\$4,450
Safety, Health and Environment	\$0
Ground geophysical surveys, Consultants and Interpretation	\$0
Drilling	\$0
Drilling Consumables	\$0
Assaying	\$12,850
Petrology	\$0
Communications	\$189
Equipment Hire	\$0
Printing and Digital Data	\$691
Tenure Maintenance	\$0
Field Expenses	\$0
Freight and Storage	\$0
Travel & accommodation	\$3,959
Vehicle hire/fuel/maintenance	\$0
Administration overheads @ 15% of above	\$5,571
<b>TOTAL</b>	<b>\$42,710</b>

## **7.0 CONCLUSIONS AND RECOMMENDATIONS**

EL 7/2005 covers the old Cleveland Sn/Cu Mine area in western Tasmania, which has been subject to a long period of exploration and mining.

Drilling of the tailings dams has provided samples for metallurgical testing which is ongoing.

Evaluation of drill samples will be continued.

Historical data which has been used for underground resource estimation will be sourced if possible and recompiled to a modern dataset for further evaluation.

## **APPENDIX 1**

### **DRILL HOLE COMPOSITES ASSAY DATA**

## Cleveland Tailings Composites Assay Data

Sample Description	Number	Pulv	Sn	As	Fe	MgO	Ca	Mn	Al	Cu	SiO2	S	
			Fusion	%	%								
			XRF	XRF	CS2000								
CTD 101 1-2	383001	y	0.40	0.02	16.3	0.73	1.96	0.23	2.89	0.09	51.2	7.20	
101 2-2	383002	y	0.32	0.04	19.1	1.54	1.81	0.24	2.83	0.16	44.4	8.92	
102 1-2	383003	y	0.33	0.04	19.8	1.19	1.87	0.25	2.89	0.14	44.2	9.50	
102 2-2	383004	y	0.30	0.01	16.4	0.82	2.03	0.24	2.96	0.07	50.6	7.17	
103 1-2	383005	y	0.26	0.02	16.0	1.07	1.74	0.21	2.95	0.08	50.5	7.36	
103 2-2	383006	y	0.29	0.03	16.2	2.44	1.83	0.24	3.38	0.12	45.3	6.29	
104 1-2	383007	y	0.34	<0.01	15.3	1.56	2.15	0.25	2.96	0.18	37.7	7.08	
104 2-2	383008	y	0.41	0.01	17.4	1.23	2.35	0.30	3.45	0.12	44.4	6.69	
105 1-2	383009	y	0.39	0.04	16.7	1.64	2.33	0.32	3.63	0.14	46.1	5.81	
105 2-2	383010	y	0.43	0.03	16.1	1.62	2.38	0.33	3.87	0.12	45.1	4.80	
106 1-2	383011	y	0.41	<0.01	15.5	1.52	2.99	0.36	4.06	0.11	45.7	3.86	
106 2-2	383012	y	0.46	0.01	15.3	1.53	2.51	0.37	4.22	0.11	46.3	3.36	
107 1-2	383013	y	0.30	<0.01	12.4	4.33	2.73	0.29	4.15	0.08	46.3	1.89	
107 2-2	383014	y	0.44	<0.01	14.2	2.23	2.50	0.37	4.47	0.11	46.6	2.33	
108 1-1	383015	y	0.42	<0.01	13.5	2.29	3.01	0.37	4.39	0.10	46.6	1.70	
109 1-1	383016	y	0.42	<0.01	14.4	1.19	3.15	0.40	4.36	0.11	48.1	1.85	
110 1-1	383017	y	0.56	0.01	11.6	1.77	2.50	0.28	4.42	0.10	54.0	2.39	
111 1-2	383018	y	0.43	0.01	19.0	1.28	2.46	0.29	3.10	0.26	42.0	7.80	
111 2-2	383019	y	0.40	0.02	19.7	0.90	2.17	0.28	3.06	0.11	43.6	9.05	
CTD 201 1-3	383020	y	0.28	<0.01	16.9	0.77	2.67	0.29	3.08	0.06	49.0	5.62	
201 2-3	383021	y	0.31	<0.01	18.7	0.88	2.24	0.30	2.69	0.10	46.5	8.53	
201 3-3	383022	y	0.30	0.02	19.9	0.79	2.51	0.30	2.89	0.10	43.6	8.62	
202 1-4	383023	y	0.32	<0.01	18.9	0.78	2.60	0.31	3.01	0.08	45.7	7.65	
202 2-4	383024	y	0.30	<0.01	18.9	0.71	2.96	0.30	2.81	0.09	43.4	7.81	
202 3-4	383025	y	0.28	0.01	22.0	0.69	2.23	0.29	2.54	0.12	41.3	11.6	
202 4-4	383026	y	0.34	0.03	18.9	0.91	3.00	0.36	3.56	0.12	43.2	6.67	
203 1-2	383027	y	0.31	<0.01	18.5	0.78	2.73	0.33	3.08	0.09	44.3	7.46	

## Cleveland Tailings Composites Assay Data

Sample Description	Number	Pulv	Sn	As	Fe	MgO	Ca	Mn	Al	Cu	SiO2	S	
			Fusion	%	%								
			XRF	XRF	CS2000								
203 2-2	383028	y	0.29	<0.01	21.5	0.69	2.39	0.31	2.64	0.14	41.9	10.6	
204 1-4	383029	y	0.28	<0.01	18.1	0.84	2.75	0.33	3.24	0.08	47.0	6.73	
204 2-4	383030	y	0.29	<0.01	21.0	0.70	3.00	0.32	2.81	0.14	40.9	9.79	
204 3-4	383031	y	0.34	0.01	18.4	0.81	3.01	0.35	3.18	0.11	44.5	7.07	
204 4-4	383032	y	0.35	<0.01	16.8	0.94	3.09	0.39	3.66	0.11	46.1	4.61	
205 1-4	383033	y	0.28	<0.01	18.6	0.84	2.88	0.34	3.22	0.08	45.7	6.99	
205 2-4	383034	y	0.33	<0.01	19.1	0.81	3.39	0.38	3.19	0.16	410.5	7.64	
205 3-4	383035	y	0.35	0.01	17.5	0.92	2.98	0.38	3.51	0.12	46.6	5.37	
205 4-4	383036	y	0.36	<0.01	16.9	0.96	3.26	0.40	3.68	0.09	46.2	4.30	
206 1-4	383037	y	0.30	<0.01	18.8	0.82	2.69	0.34	3.17	0.10	45.8	7.38	
206 2-4	383038	y	0.29	<0.01	16.6	0.82	3.61	0.39	3.38	0.07	46.0	4.67	
206 3-4	383039	y	0.38	<0.01	16.3	0.91	3.52	0.40	3.71	0.11	47.5	4.25	
206 4-4	383040	y	0.37	<0.01	16.5	0.98	3.35	0.40	3.83	0.09	46.3	3.84	
207 1-3	383041	y	0.30	<0.01	18.4	0.82	2.88	0.35	3.22	0.09	46.4	6.77	
207 2-3	383042	y	0.30	<0.01	15.5	0.86	3.74	0.37	3.63	0.08	48.4	3.90	
207 3-3	383043	y	0.37	<0.01	16.8	0.91	3.61	0.41	3.69	0.10	45.7	4.41	
208 1-4	383044	y	0.32	<0.01	17.1	0.98	2.73	0.36	3.59	0.09	47.7	5.16	
208 2-4	383045	y	0.30	<0.01	16.5	0.87	3.75	0.38	3.52	0.08	44.9	4.38	
208 3-4	383046	y										4.79	
208 4-4	383047	y	0.39	0.02	16.1	1.04	3.54	0.43	4.06	0.13	46.7	3.09	
209 1-4	383048	y	0.31	0.02	19.3	0.81	2.6	0.35	3.06	0.08	45.8	7.66	
209 2-4	383049	y	0.27	0.01	17.4	0.87	3.67	0.40	3.55	0.07	45.2	4.92	
209 3-4	383050	y	0.38	<0.01	15.2	0.97	3.94	0.38	4.09	0.11	46.8	2.99	
209 4-4	383051	y	0.43	0.01	15.7	1.02	3.71	0.45	4.03	0.12	46.9	2.88	
CTD 210 1-3	383052	y	0.27	<0.01	18.4	0.90	2.96	0.35	3.36	0.08	45.8	6.62	
210 2-3	383053	y	0.32	<0.01	16.6	0.87	3.83	0.39	3.57	0.09	46.0	4.47	
210 3-3	383054	y	0.40	0.00	16.2	0.99	3.85	0.43	3.82	0.11	46.6	3.62	

## Cleveland Tailings Composites Assay Data

Sample Description	Number	Pulv	Sn	As	Fe	MgO	Ca	Mn	Al	Cu	SiO2	S	
			Fusion	%	%								
			XRF	XRF	CS2000								
211 1-3	383055	y	0.29	<0.01	18.0	0.92	2.95	0.37	3.50	0.08	47.0	5.65	
211 2-3	383056	y	0.32	<0.01	16.8	0.84	3.89	0.42	3.54	0.08	44.7	4.28	
211 3-3	383057	y	0.13	<0.01	15.2	0.99	4.13	0.44	4.00	0.11	45.9	2.58	
212 1-3	383058	y	0.28	0.00	16.9	0.98	2.97	0.36	3.60	0.09	47.3	5.06	
212 2-3	383059	y	0.31	<0.01	17.7	0.85	3.81	0.44	3.45	0.10	43.0	5.04	
212 3-3	383060	y	0.45	0.00	14.9	1.05	4.05	0.47	4.33	0.12	44.9	1.85	
213 1-3	383061	y	0.31	0.01	17.3	0.99	3.02	0.38	3.63	0.09	46.3	5.00	
213 2-3	383062	y	0.30	<0.01	18.2	0.87	3.86	0.46	3.54	0.11	42.0	5.41	
213 3-3	383063	y	0.46	<0.01	14.9	10.60	4.09	0.46	4.29	0.14	44.8	1.76	
214 1-2	383064	y	0.25	<0.01	16.8	0.95	3.41	0.36	3.77	0.10	46.6	4.82	
214 2-2	383065	y	0.34	0.01	18.5	0.85	3.86	0.49	3.47	0.10	41.2	5.46	
215 1-2	383066	y	0.30	<0.01	16.7	1.01	2.96	0.36	3.91	0.12	47.5	4.39	
215 2-2	383067	y	0.26	0.00	17.9	0.82	3.68	0.49	3.30	0.11	40.1	5.38	
216 1-1	383068	y	0.28	<0.01	16.5	1.06	3.06	0.37	3.99	0.14	46.9	4.38	
217 1-1	383069	y	0.27	<0.01	17.1	1.00	2.91	0.34	3.75	0.11	47.2	4.90	
218 1-1	383070	y	0.30	<0.01	16.6	1.00	3.06	0.36	3.84	0.13	46.8	4.23	
219 1-2	383071	y	0.27	<0.01	18.1	0.89	2.78	0.31	3.36	0.11	45.2	7.14	
219 2-2	383072	y	0.27	<0.01	16.7	1.09	3.30	0.44	4.23	0.14	46.1	3.39	
220 1-1	383073	y	0.29	0.00	18.2	0.92	2.78	0.33	3.51	0.16	45.3	6.95	
221 1-1	383074	y	0.36	0.00	19.4	0.87	2.37	0.32	3.28	0.20	44.0	8.68	

## **APPENDIX 2**

### **METALLURGICAL TEST REPORT AND DATA**



Milling and Processing Pty Ltd

A.B.N. 13 009 566 750)

28 Marieville Esplanade  
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Hobart  
Tasmania, 7005  
Australia

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### **Memorandum**

Date: 9<sup>th</sup> May 2008  
To: John Lynch.  
At: Lynch Mining Pty. Ltd.  
From: N. Moony.  
Copies: Adrian Brewer  
Subject; **Summary of metallurgical test work on Cleveland Tailings**

Drill core drill samples were be collected and shipped to Burnie Research laboratories in late March 2008.

#### **Stage One A (Burnie)**

##### **Number 1 Tailings Dam.**

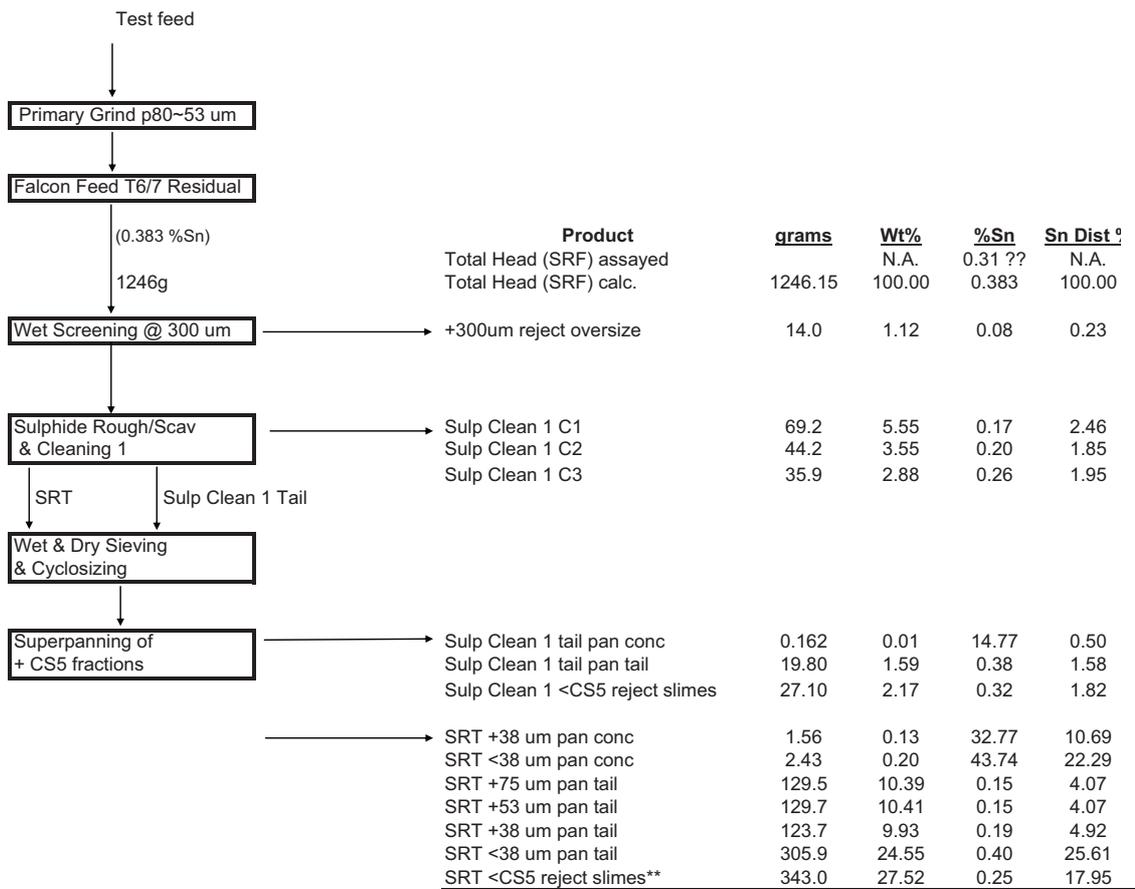
A Blend TDI was made up on a weighted basis from each hole drilled in No.1 dam, and the following work carried out.

- Superpanning composite of all holes on a sample reground to 80% passing 53µm on sample that assayed 0.38% Sn sulphides removed, tin losses to sulphides were low and only 6.3% of the tin was rejected at 0.20% Sn, some 10% of the tailings occur as sulphides.
- Superpanning results were good and 33% of the tin was recovered at 40% Sn.
- The +6µm -53µm superpanning tail assayed 0.40% Sn and some 27% of the cassiterite was distributed in this fraction. All this cassiterite should be readily recoverable by tin flotation.
- Losses to the <6µm slimes was 18% at 0.25% Sn.

- Cassiterite flotation results on the super pan tails were unexpectedly poor very likely due to  $\text{Fe}^{+++}$  interference and only 40% recovery was achieved to about 5% Sn, it is now proposed to further wash the tin flotation feed and also remove the carbonates using magnetic separation.
- Test results on the -53 $\mu\text{m}$  tailings with the UF Falcon were also poor, it was expected that the settings BRL used for Renison would also yield good results on Cleveland tailings, results did not confirm this hypothesis and more work is required to improve results.
- More cassiterite flotation tests will be carried out in July on No.1 tailings dam composite.

**Cleveland Tin Tailing Feed Preparation and Superpanning Flow-Chart & Mass Balance (Sn)**

**Dam 1 Composite 2 (October, 2008)**

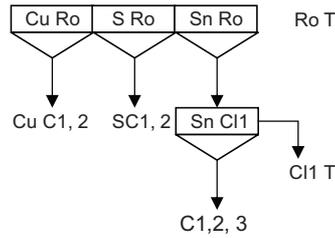


\*\* Calculated assay of this fraction from SRT assay head (0.43%Sn) was used; the assay of collected sample was too high - 0.42%Sn

# Burnie RESEARCH LABORATORY

## ROUGHER FLOTATION REPORT SHEET

Grinding	Primary	Regrind
Mill	0	Short
Media	0	MS Balls
Media	0	6Kg
Solids	0	1Kg
Water	0	500ml
Time	0	8
Speed	0	50
Lime	0	
End pH	0	
End p80	0	53



PROJECT	T0383
TEST NO	1
DATE	5/06/2009
TECHNICIAN	ANB

PRODUCT FLOATED
Brewer Geological Services

NOTES
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Float Cell	Volume
Rougher	2.7 Litre
Cleaner 1/2	2.7 Litre
Cleaner 3	0 Litre
Speed	800 rpm

	pH	100 Limil g/t	100 X23 g/t	0.5 PAX g/t	100 IF50 g/t	100 SSF g/t	1 SPA g/t	100 H2S04 g/t	Cond Time min	Air L/min	Float Time min	Cum Float Time	Wet Wt g	Con % Solids
Centrifuge														
Condition	5.3		45						2					
Cu Ro Conc 1					34					3-3.5	2	1.5	100	
Condition			23						2					
Cu Ro Conc 2										3.5-4	2	3	80	
Condition	5.3			170					5					
Sulphide Ro C1										4-6	4	3.5	200	
Sulphide Ro C2				136						4-7	3	6.75	150	
Condition	5.5					454			10					
Condition	5.0						284		15					
Condition	5.0													
Tin Ro C1					34					3-8	5	5	500	
Condition	5.1						284		10					
Tin Ro C2										5-11	7	6.5	500	
Condition	4.9													
Condition	5.0						284		10					
Tin Ro C3					45					5-9	10	10	1000	
Condition	4.8													
Tin Cl 1 C1	5.0									3-7	5	4.5	400	
Tin Cl 1 C2										3-7	4	8.5	250	
Tin Cl 1 C3										6-9	4	12.5	250	
REAGENT TOTALS (g/t)			68	306	113	454	851							

PRODUCTS	WT g	WT %	Sn Fusion	DIST	Cu ppm	DIST	Ag ppm	DIST	S %	DIST
Test 1 Cu Ro C1	35.0	3.97	0.37	3.62	11100	33.5	19.0	14.3	31.0	22.0
C2	24.7	2.80	0.29	2.00	6176	13.2	14.0	7.43	31.1	15.6
S Ro C1	50.2	5.69	0.31	4.35	3547	15.4	12.0	12.9	26.1	26.5
C2	22.4	2.54	0.42	2.63	2795	5.41	10.0	4.81	16.0	7.28
Sn Cl1 C1	12.8	1.45	1.76	6.30	1681	1.86	9.00	2.48	7.74	2.01
C2	7.10	0.81	1.34	2.66	1919	1.18	9.00	1.37	8.92	1.28
C3	6.80	0.77	0.91	1.73	1826	1.07	9.00	1.31	9.37	1.29
Cl1 T	102.2	11.6	0.62	17.7	1252	11.0	7.00	15.4	4.20	8.70
Ro T	620.4	70.4	0.34	59.0	324	17.4	3.00	40.0	1.22	15.3
CALC	881.6	100.0	0.41	100.0	1314	100.0	5.28	100.0	5.60	100.0
ASSAY HEAD										

CUM PRODS

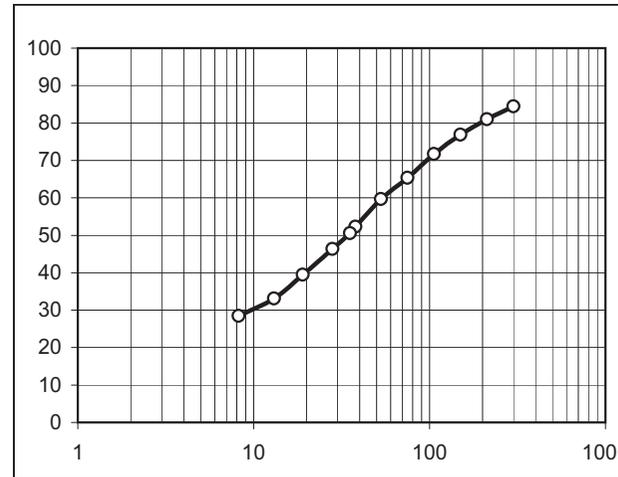
CUM PRODS	CUM Wt	WT %	Sn Fusion	CUM	Cu ppm	CUM	Ag ppm	CUM	S %	CUM	S TOT
Test 1 Cu Ro C1	35.0	3.97	0.37	3.62	11100	33.5	19.0	14.3	31.0	22.0	22.0
C2	59.7	6.77	0.34	5.62	9063	46.7	16.9	21.7	31.1	37.6	37.6
S Ro C1	50.2	5.69	0.31	4.35	3547	15.4	12.0	12.9	26.1	26.5	64.1
C2	72.6	8.24	0.34	6.98	3315	20.8	11.4	17.8	23.0	33.8	71.4
Sn Cl1 C1	12.8	1.45	1.76	6.30	1681	1.86	9.00	2.48	7.74	2.01	73.4
C2	19.9	2.26	1.61	8.96	1766	3.03	9.00	3.85	8.16	3.29	74.7
C3	26.7	3.03	1.43	10.7	1781	4.11	9.00	5.16	8.47	4.58	76.0
Cl1 T	128.9	14.6	0.79	28.4	1362	15.2	7.41	20.5	5.08	13.3	84.7
FEED	145.1	100.0	0.41	100.0	1314	100.0	5.28	100.0	5.60	100.0	

**Burnie** RESEARCH LABORATORY  
SIZING AND SIZE ANALYSIS REPORT SHEET

PROJECT	T0227
SAMPLE	TBDC 1
TEST NO	
DATE	23/10/2006
TECHNICIAN	MJR

SIZING

TBDC 1		SIZE um	WEIGHTS		
			gm	(%)	%PASS
P80	198	300	30.49	15.57	84.4
		212	6.81	3.48	81.0
		150	8.04	4.10	76.9
		106	10.09	5.15	71.7
		75	12.39	6.33	65.4
		53	11.20	5.72	59.7
CYCLOSIZER		38	14.51	7.41	52.3
		35	3.39	1.73	50.5
		28	8.25	4.21	46.3
		21	13.33	6.81	39.5
		15	12.59	6.43	33.1
		8	9.07	4.63	28.4
CENTRIFUGE		4	0.00	0.00	28.4
		SUB	55.72	28.45	0.0
		TOTAL	195.88	100.00	



ANALYSES

SIZE um	WT %	Sn		Cu		Ag		S	
		%	dist	ppm	dist	ppm	dist	%	dist
106	28.30	0.30	21.2	1037	22.3	4.0	22.6	5.06	25.2
53	12.04	0.46	13.8	1748	16.0	6.0	14.5	11.00	23.3
35	9.14	0.54	12.3	1438	10.0	5.0	9.1	6.33	10.2
19	11.02	0.62	17.1	1573	13.2	5.0	11.0	4.28	8.3
8	11.06	0.36	10.0	1287	10.8	4.0	8.8	5.40	10.5
CALC87	28.45	0.36	25.6	1273	27.6	6.0	33.9	4.49	22.5
ASSAY	100.00	0.40	100.0	1313	100.0	5.0	100.0	5.68	100.0

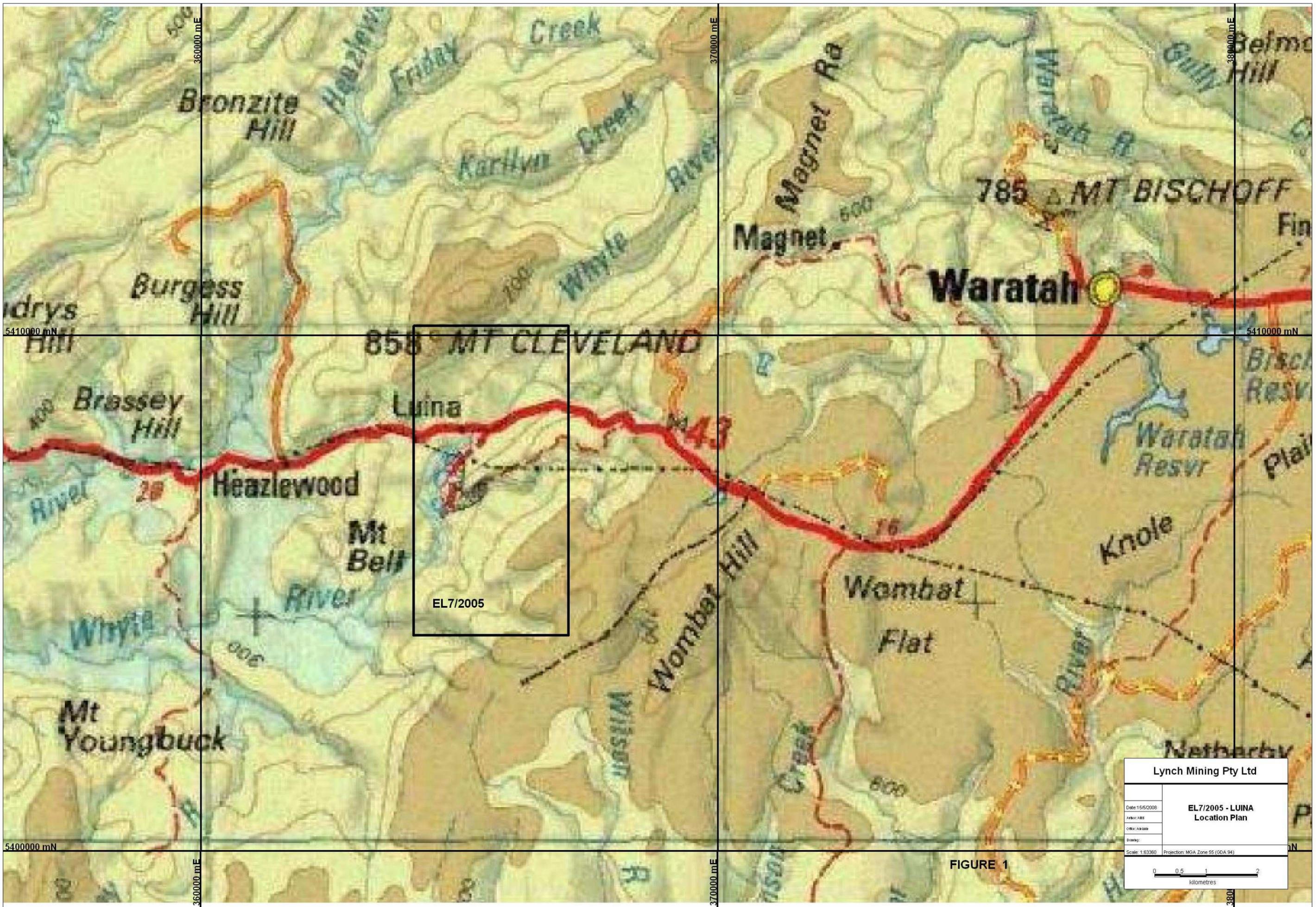


FIGURE 1