



## ANALYTICAL SERVICES TASMANIA

18 St Johns Avenue  
New Town Laboratory

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<b>To:</b> Russell Fulton TNT Mines Limited <b>Address:</b> Level 2 34 Colin St WEST PERTH WA 6005  <b>Fax No:</b> 08 9264 7099 <b>Phone:</b> 08 6468 4578 <b>Mobile:</b> 0427 956 297	<b>Date:</b> 18-Jul-11 <b>Pages:</b> 4 (including this one)  <b>From:</b> Amanda Freeman   <b>Fax No</b> (03) 6230 7001 <b>Phone:</b> (03) 6230 7000
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### Order No

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Please find enclosed report number 49450 : issue number 1.

The samples were submitted by:  
Jen Parnell, Mineral Resources Tasmania  
30 Gordons Hill Rd Rosny TAS 7018  
Phone No: 62338325

The invoice for this report will follow.

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# ANALYTICAL SERVICES TASMANIA

## New Town Laboratory

18 St Johns Avenue

New Town, Tasmania, Australia, 7008

Telephone: (03) 6230 7000 Fax: (03) 6230 7001

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## Laboratory Report

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**Report No: 49450**

**Issue No: 1**

**Report Date 18-Jul-2011 16:33**

**Status: Full Report**

**Site Description: Anchor Mine**

**Received: 17-Jun-11**

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**Submitted to: New Town Laboratory**

**Submitted By: Jen Parnell (Mineral Resources Tasmania)**

**Client Order No:**

**Report To: Russell Fulton**

**Client: TNT Mines Limited**

**Address: Level 2 34 Colin St WEST PERTH WA 6005**

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# ANALYTICAL SERVICES TASMANIA

**Report No:** 49450    **Issue No:** 1    **Report Date:** 18-Jul-2011 16:33

Method	Analyte	Units / Sampled On :	Lab.No.: 194647	194648	194649	194650	194651
			Sample Id.: Anchor Site 1	Anchor Site 2	Anchor Site 3	Anchor Site 4	Anchor Site 5
			15/06/11	15/06/11	15/06/11	15/06/11	15/06/11
1103-Water	Bromide	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5
	Chloride	mg/L	12.6	11.7	11.8	10.3	10.9
	Fluoride	mg/L	0.17	0.08	0.06	2.54	2.95
	Sulphate	mg/L	7.5	2.0	2.0	14.9	37.7
1301-Water	Al Dissolved	µg/L	<20	176	167	<20	39
	Al Total	µg/L	132	216	212	141	253
	As Dissolved	µg/L	<10	<10	<10	<10	<10
	As Total	µg/L	<10	<10	<10	<10	<10
	Ba Dissolved	µg/L	14	<5	<5	<5	8
	Ba Total	µg/L	15	<5	<5	<5	10
	Ca Dissolved	mg/L	3.16	0.71	0.69	8.11	26.2
	Ca Total	mg/L	3.21	0.71	0.71	8.27	26.5
	Cd Dissolved	µg/L	<1	<1	<1	11	18
	Cd Total	µg/L	<1	<1	<1	11	24
	Co Dissolved	µg/L	2	<1	<1	<1	<1
	Co Total	µg/L	2	<1	<1	<1	<1
	Cr Dissolved	µg/L	<1	<1	<1	<1	<1
	Cr Total	µg/L	<1	<1	<1	<1	<1
	Cu Dissolved	µg/L	<1	<1	<1	19	7
	Cu Total	µg/L	<1	1	<1	47	53
	Fe Dissolved	µg/L	770	78	83	122	38
	Fe Total	µg/L	8270	124	144	691	17300
	K Dissolved	mg/L	2.11	0.76	0.76	2.81	5.96
	K Total	mg/L	2.10	0.77	0.76	2.92	5.97
	Mg Dissolved	mg/L	2.64	0.84	0.81	4.15	11.2
	Mg Total	mg/L	2.69	0.84	0.83	4.21	11.2
	Mn Dissolved	µg/L	1550	23	26	1110	6980
	Mn Total	µg/L	1590	25	28	1130	7040
	Mo Dissolved	µg/L	<5	<5	<5	<5	<5
	Mo Total	µg/L	<5	<5	<5	<5	<5
	Na Dissolved	mg/L	9.54	7.40	7.22	7.58	9.88
	Na Total	mg/L	9.50	7.33	7.32	7.70	9.93
	Ni Dissolved	µg/L	<10	<10	<10	<10	<10
	Ni Total	µg/L	<10	<10	<10	<10	<10
	Pb Dissolved	µg/L	<7	<7	<7	<7	<7
	Pb Total	µg/L	<7	<7	<7	<7	<7
	Se Dissolved	µg/L	<15	<15	<15	<15	<15
	Se Total	µg/L	<15	<15	<15	<15	<15
	Zn Dissolved	µg/L	4	8	8	1220	2670
	Zn Total	µg/L	7	9	9	1340	3120
1305-Water	Hg Dissolved	µg/L	<0.05	<0.05	<0.05	<0.05	<0.05
	Hg Total	µg/L	<0.05	<0.05	<0.05	<0.05	<0.05

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## Test Method(s) :

Test Date

### Inorganic Testing

1103-Water:	Anions in Water by Ion Chromatography Work Conducted at: New Town	04-Jul-2011
1301-Water:	Metals in Water by ICP-AES Work Conducted at: New Town	12-Jul-2011
1305-Water:	Mercury in Water by CVAFS Work Conducted at: New Town	23-Jun-2011

Authorised By:



John O'Reilly  
Section Head - Inorganic  
(Metals)



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