



Australian Laboratory Services Pty. Ltd.  
32 Shand Street  
Stafford  
Brisbane QLD 4053  
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
www.alsglobal.com

Page: 1  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 30-JAN-2017  
Account: TNTMIN

## QC CERTIFICATE BU17005907

Project: TNT\_272004\_0117

This report is for 67 Drill Core samples submitted to our lab in Burnie, TAS, Australia on 12-JAN-2017.

The following have access to data associated with this certificate:

ANDREW DRUMMOND

ROBERT REID

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LEV-01	Waste Disposal Levy
PUL-QC	Pulverizing QC Test
CRU-21	Crush entire sample >70% -6 mm
PUL-31b	Pulv. Lg split to >80% -75um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-OG62	Ore Grade Ag - Four Acid	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	ICP-AES
ME-XRF15d	Sulphide BM Conc. by XRF	XRF
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: TNT MINES LTD  
ATTN: ROBERT REID  
SUITE 50  
NARABANG WAY  
BELROSE NSW 2085

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Ricky Gelston, Laboratory Manager, Burnie



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Project: TNT\_272004\_0117

Page: 2 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

**QC CERTIFICATE OF ANALYSIS BU17005907**

Method Analyte Units LOR	ME-XRF15d Sn %	ME-XRF15d WO3 %	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
STANDARDS															
GBM306-12															
Target Range - Lower Bound															
Upper Bound															
GBM908-10			3.1	7.07	59	1150	1.6	<2	3.58	2.3	28	138	3690	5.87	30
Target Range - Lower Bound			1.9	6.40	44	980	<0.5	<2	3.36	0.6	22	125	3370	4.98	<10
Upper Bound			4.2	7.84	70	1220	2.5	5	4.12	2.8	30	155	3890	6.10	40
GBM908-14															
Target Range - Lower Bound															
Upper Bound															
GBM908-5			58.8	7.46	8	2430	2.6	2	1.78	0.5	10	25	471	3.40	20
Target Range - Lower Bound			51.9	6.79	<5	2170	1.4	<2	1.70	<0.5	8	23	464	3.01	<10
Upper Bound			64.5	8.32	17	2670	3.7	6	2.10	1.5	13	30	536	3.70	50
MRGeo08			4.7	7.98	29	1180	3.6	<2	2.56	2.8	22	102	643	4.35	20
MRGeo08			4.4	7.18	31	1040	3.1	2	2.49	1.9	19	90	599	3.71	20
Target Range - Lower Bound			3.2	6.64	21	980	2.2	<2	2.35	1.1	17	81	586	3.55	<10
Upper Bound			5.7	8.14	45	1210	4.5	5	2.90	3.4	23	102	676	4.37	40
NBS-2430	<0.01	70.4													
NBS-2430	<0.01	70.4													
Target Range - Lower Bound	<0.01	63.2													
Upper Bound	0.02	77.3													
NCSDC35002	62.5	0.22													
NCSDC35002	62.5	0.23													
Target Range - Lower Bound	59.4	0.15													
Upper Bound	65.6	0.21													
NCSDC35012	3.77	0.17													
Target Range - Lower Bound	3.77	<0.01													
Upper Bound	4.19	0.02													
NCSDC70017	<0.01	4.84													
Target Range - Lower Bound	<0.01	4.14													
Upper Bound	0.04	5.09													
OGGeo08			20.6	6.47	116	520	2.8	14	2.11	18.9	95	87	8360	5.14	10
Target Range - Lower Bound			17.7	6.07	102	750	1.8	6	1.98	16.2	86	78	7800	4.81	<10
Upper Bound			22.7	7.44	136	930	4.1	15	2.44	21.0	108	98	8980	5.91	40



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Project: TNT\_272004\_0117

Page: 2 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

**QC CERTIFICATE OF ANALYSIS BU17005907**

Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
<b>STANDARDS</b>															
GBM306-12															
Target Range - Lower Bound															
Upper Bound															
GBM908-10	2.24	50	1.89	812	61	2.18	2250	1030	2090	0.40	<5	19	308	20	0.68
Target Range - Lower Bound	1.87	20	1.61	715	57	1.93	2030	880	1860	0.33	<5	14	260	<20	0.59
Upper Bound	2.31	70	1.99	885	72	2.38	2480	1100	2280	0.43	12	20	320	60	0.74
GBM908-14															
Target Range - Lower Bound															
Upper Bound															
GBM908-5	3.54	110	0.86	464	49	2.48	406	1270	377	0.17	<5	8	423	40	0.35
Target Range - Lower Bound	3.15	90	0.76	430	49	2.27	380	1160	343	0.14	<5	5	380	<20	0.31
Upper Bound	3.87	140	0.95	537	62	2.80	466	1450	423	0.19	15	10	467	80	0.40
MRGeo08	3.42	40	1.45	576	23	2.06	746	1140	1130	0.34	<5	14	335	30	0.52
MRGeo08	3.01	30	1.28	538	13	1.87	669	1030	1000	0.29	<5	11	298	20	0.47
Target Range - Lower Bound	2.79	<10	1.17	497	12	1.76	621	930	969	0.27	<5	10	276	<20	0.44
Upper Bound	3.43	60	1.45	619	18	2.18	761	1160	1190	0.35	15	15	340	60	0.56
NBS-2430															
NBS-2430															
Target Range - Lower Bound															
Upper Bound															
NCSDC35002															
NCSDC35002															
Target Range - Lower Bound															
Upper Bound															
NCSDC35012															
Target Range - Lower Bound															
Upper Bound															
NCSDC70017															
Target Range - Lower Bound															
Upper Bound															
OGGeo08	2.83	30	1.20	496	860	1.74	8470	840	6830	2.75	18	9	243	20	0.39
Target Range - Lower Bound	2.59	<10	1.11	447	841	1.62	8000	760	6510	2.51	16	8	223	<20	0.35
Upper Bound	3.19	60	1.38	557	1030	2.00	9770	950	7970	3.09	38	13	275	60	0.45



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Page: 2 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

Project: TNT\_272004\_0117

**QC CERTIFICATE OF ANALYSIS BU17005907**

Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
Sample Description							
<p style="text-align: center;"><b>STANDARDS</b></p>							
GBM306-12						5	2.11
Target Range - Lower Bound						3	1.975
Upper Bound						7	2.12
GBM908-10	10	<10	145	<10	1120		
Target Range - Lower Bound	<10	<10	123	<10	939		
Upper Bound	20	20	153	20	1155		
GBM908-14						309	4.33
Target Range - Lower Bound						292	4.12
Upper Bound						315	4.42
GBM908-5	10	<10	57	<10	242		
Target Range - Lower Bound	<10	<10	52	<10	214		
Upper Bound	30	30	66	30	266		
MRGeo08	<10	<10	116	10	864		
MRGeo08	<10	10	102	<10	785		
Target Range - Lower Bound	<10	<10	97	<10	722		
Upper Bound	20	30	121	30	886		
NBS-2430							
NBS-2430							
Target Range - Lower Bound							
Upper Bound							
NCSDC35002							
NCSDC35002							
Target Range - Lower Bound							
Upper Bound							
NCSDC35012							
Target Range - Lower Bound							
Upper Bound							
NCSDC70017							
Target Range - Lower Bound							
Upper Bound							
OGGeo08	10	10	82	<10	7110		
Target Range - Lower Bound	<10	<10	77	<10	6500		
Upper Bound	20	30	97	20	7950		

**QC CERTIFICATE OF ANALYSIS BU17005907**

	Method	ME-XRF15d	ME-XRF15d	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Sample Description	Analyte	Sn	WO3	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
BLANKS																
BLANK				<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK				<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
BLANK				<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Target Range - Lower Bound				<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Upper Bound				1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	20
BLANK	<0.01	<0.01														
BLANK	<0.01	<0.01														
Target Range - Lower Bound	<0.01	<0.01														
Upper Bound	0.02	0.02														
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
711332				<0.5	2.19	56	230	5.2	4	0.02	3.0	1	18	25	1.10	10
DUP				<0.5	2.23	35	230	5.3	3	0.02	3.1	1	18	25	1.11	10
Target Range - Lower Bound				<0.5	2.09	38	210	4.5	<2	<0.01	2.4	<1	16	23	1.04	<10
Upper Bound				1.0	2.33	53	250	6.0	4	0.03	3.7	2	20	27	1.17	20
711337	<0.01	0.01														
DUP	<0.01	<0.01														
Target Range - Lower Bound	<0.01	<0.01														
Upper Bound	0.02	0.02														
711347				0.6	2.25	36	180	7.4	<2	0.48	3.5	3	17	40	1.21	10
DUP				0.8	2.45	45	190	8.3	<2	0.52	3.6	3	19	44	1.32	10
Target Range - Lower Bound				<0.5	2.22	33	170	7.0	<2	0.47	2.9	2	16	40	1.19	<10
Upper Bound				1.0	2.48	48	200	8.7	4	0.54	4.2	4	20	44	1.34	20
711357	<0.01	<0.01														
DUP	<0.01	<0.01														
Target Range - Lower Bound	<0.01	<0.01														
Upper Bound	0.02	0.02														



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Project: TNT\_272004\_0117

Page: 3 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

**QC CERTIFICATE OF ANALYSIS BU17005907**

Sample Description	Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
<b>BLANKS</b>																
BLANK		<0.01	<10	<0.01	<5	<1	0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<0.01	<10	<0.01	<5	<1	0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
BLANK		<0.01	<10	<0.01	<5	<1	<0.01	<1	10	<2	<0.01	<5	<1	<1	<20	<0.01
Target Range - Lower Bound		<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01
Upper Bound		0.02	20	0.02	10	2	0.02	2	20	4	0.02	10	2	2	40	0.02
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
<b>DUPLICATES</b>																
711332		1.18	20	0.21	198	<1	0.03	4	110	15	0.24	<5	3	39	<20	0.08
DUP		1.21	20	0.21	203	<1	0.03	5	100	10	0.25	<5	3	39	<20	0.08
Target Range - Lower Bound		1.13	<10	0.19	185	<1	0.02	3	90	10	0.22	<5	2	36	<20	0.07
Upper Bound		1.26	30	0.23	216	2	0.04	6	120	15	0.27	10	4	42	40	0.09
711337																
DUP																
Target Range - Lower Bound																
Upper Bound																
711347		1.08	20	0.22	347	<1	0.20	6	320	3	0.24	<5	3	39	<20	0.09
DUP		1.18	20	0.24	378	1	0.22	9	330	7	0.25	<5	3	43	<20	0.11
Target Range - Lower Bound		1.06	<10	0.21	339	<1	0.19	6	300	3	0.22	<5	2	38	<20	0.09
Upper Bound		1.20	30	0.25	386	2	0.23	9	350	7	0.27	10	4	44	40	0.12
711357																
DUP																
Target Range - Lower Bound																
Upper Bound																



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Page: 3 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

Project: TNT\_272004\_0117

**QC CERTIFICATE OF ANALYSIS BU17005907**

Sample Description	Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
<b>BLANKS</b>								
BLANK		<10	<10	<1	<10	<2		
BLANK		<10	<10	<1	<10	<2		
BLANK		<10	<10	<1	<10	<2		
Target Range - Lower Bound		<10	<10	<1	<10	<2		
Upper Bound		20	20	2	20	4		
BLANK								
BLANK								
Target Range - Lower Bound								
Upper Bound								
BLANK							<1	<0.001
Target Range - Lower Bound							<1	<0.001
Upper Bound							2	0.002
<b>DUPLICATES</b>								
711332		10	<10	14	10	95		
DUP		<10	<10	14	10	96		
Target Range - Lower Bound		<10	<10	12	<10	89		
Upper Bound		20	20	16	20	102		
711337								
DUP								
Target Range - Lower Bound								
Upper Bound								
711347		<10	<10	15	20	133		
DUP		<10	<10	16	20	145		
Target Range - Lower Bound		<10	<10	14	<10	130		
Upper Bound		20	20	17	30	148		
711357								
DUP								
Target Range - Lower Bound								
Upper Bound								



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Page: 4 - A  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

Project: TNT\_272004\_0117

**QC CERTIFICATE OF ANALYSIS BU17005907**

Method Analyte Units LOR	ME-XRF15d Sn %	ME-XRF15d WO3 %	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
<b>DUPLICATES</b>															
711367			>100	4.22	44	50	8.8	772	0.50	355	28	28	2360	12.25	20
DUP			>100	4.21	42	80	8.9	762	0.51	358	26	27	2350	12.15	20
Target Range - Lower Bound			94.5	3.99	36	50	7.9	727	0.47	338	25	25	2270	11.60	<10
Upper Bound			100.0	4.44	50	80	9.8	807	0.54	375	29	30	2440	12.80	30
711380	<0.01	0.02													
DUP	<0.01	0.02													
Target Range - Lower Bound	<0.01	<0.01													
Upper Bound	0.02	0.03													
711382			20.4	5.10	77	510	11.3	34	0.26	77.3	8	42	642	3.11	20
DUP			21.0	5.12	56	500	11.3	36	0.25	76.4	8	42	647	3.12	20
Target Range - Lower Bound			19.2	4.84	58	470	10.2	31	0.23	72.5	7	39	621	2.95	<10
Upper Bound			22.2	5.38	75	540	12.4	39	0.28	81.2	9	45	668	3.28	30
ORIGINAL	0.61	0.02													
DUP	0.62	0.03													
Target Range - Lower Bound	0.59	<0.01													
Upper Bound	0.64	0.04													
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL			<0.5	1.72	20	90	<0.5	<2	<0.01	<0.5	<1	3	1	0.61	10
DUP			<0.5	1.65	21	80	<0.5	<2	<0.01	<0.5	<1	3	1	0.59	10
Target Range - Lower Bound			<0.5	1.59	14	70	<0.5	<2	<0.01	<0.5	<1	2	<1	0.56	<10
Upper Bound			1.0	1.78	27	100	1.0	4	0.02	1.0	2	4	2	0.64	20
ORIGINAL			<0.5	5.95	244	320	1.4	<2	0.01	<0.5	3	13	3	3.32	20
DUP			<0.5	5.88	239	310	1.4	2	0.01	<0.5	3	13	3	3.26	20
Target Range - Lower Bound			<0.5	5.61	224	290	0.8	<2	<0.01	<0.5	2	11	2	3.12	<10
Upper Bound			1.0	6.22	259	340	2.0	4	0.02	1.0	4	15	4	3.46	30





Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Page: 4 - B  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

Project: TNT\_272004\_0117

**QC CERTIFICATE OF ANALYSIS BU17005907**

Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
<b>DUPLICATES</b>															
711367	2.31	20	0.51	3020	<1	0.11	25	1100	553	>10.0	11	5	106	<20	0.09
DUP	2.26	20	0.52	3010	<1	0.11	25	1100	545	>10.0	5	6	107	<20	0.09
Target Range - Lower Bound	2.16	<10	0.48	2860	<1	0.09	23	1040	520	9.49	<5	4	100	<20	0.08
Upper Bound	2.41	30	0.55	3170	2	0.13	27	1170	578	10.00	10	7	113	40	0.10
711380															
DUP															
Target Range - Lower Bound															
Upper Bound															
711382	2.78	30	0.70	794	<1	0.13	21	690	12	1.46	<5	8	70	<20	0.16
DUP	2.79	30	0.71	792	<1	0.13	21	700	12	1.46	<5	8	70	<20	0.15
Target Range - Lower Bound	2.64	20	0.66	748	<1	0.11	19	650	9	1.38	<5	7	66	<20	0.14
Upper Bound	2.93	40	0.75	838	2	0.15	23	740	15	1.54	10	9	75	40	0.17
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	0.35	10	0.02	44	<1	0.01	<1	60	10	<0.01	9	2	8	<20	0.04
DUP	0.34	10	0.02	42	<1	0.01	<1	70	8	<0.01	7	2	4	<20	0.04
Target Range - Lower Bound	0.32	<10	<0.01	36	<1	<0.01	<1	50	7	<0.01	<5	<1	5	<20	0.03
Upper Bound	0.37	20	0.03	50	2	0.02	2	80	11	0.02	10	3	7	40	0.05
ORIGINAL	1.24	30	0.13	62	1	0.02	5	130	14	<0.01	9	10	12	<20	0.25
DUP	1.21	30	0.13	62	<1	0.02	5	130	16	<0.01	9	10	13	<20	0.25
Target Range - Lower Bound	1.15	20	0.11	54	<1	<0.01	4	110	12	<0.01	<5	9	11	<20	0.23
Upper Bound	1.30	40	0.15	70	2	0.03	6	150	18	0.02	10	12	14	40	0.27



Australian Laboratory Services Pty. Ltd.  
 32 Shand Street  
 Stafford  
 Brisbane QLD 4053  
 Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
 www.alsglobal.com

Page: 4 - C  
 Total # Pages: 4 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30-JAN-2017  
 Account: TNTMIN

Project: TNT\_272004\_0117

**QC CERTIFICATE OF ANALYSIS BU17005907**

Sample Description	Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Zn-OG62 Zn % 0.001
<b>DUPLICATES</b>								
711367		<10	<10	28	3460	>10000		
DUP		<10	<10	28	3530	>10000		
Target Range - Lower Bound		<10	<10	26	3310	9500		
Upper Bound		20	20	30	3680	>10000		
711380								
DUP								
Target Range - Lower Bound								
Upper Bound								
711382		10	<10	47	20	2520		
DUP		<10	<10	47	20	2510		
Target Range - Lower Bound		<10	<10	44	<10	2390		
Upper Bound		20	20	50	30	2640		
ORIGINAL								
DUP								
Target Range - Lower Bound								
Upper Bound								
ORIGINAL								
DUP							5	1.920
Target Range - Lower Bound							4	1.865
Upper Bound							6	1.845
ORIGINAL								
DUP		<10	<10	5	<10	3		
Target Range - Lower Bound		<10	<10	5	<10	3		
Upper Bound		<10	<10	4	<10	<2		
		20	20	6	20	4		
ORIGINAL								
DUP		<10	<10	40	30	11		
Target Range - Lower Bound		<10	<10	39	30	11		
Upper Bound		<10	<10	37	20	8		
		20	20	42	40	14		



Australian Laboratory Services Pty. Ltd.  
32 Shand Street  
Stafford  
Brisbane QLD 4053  
Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218  
www.alsglobal.com

Project: TNT\_272004\_0117

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 30-JAN-2017  
Account: TNTMIN

QC CERTIFICATE OF ANALYSIS BU17005907

	CERTIFICATE COMMENTS
	<b>LABORATORY ADDRESSES</b>
Applies to Method:	Processed at ALS Townsville located at 14-15 Desma Court, Bohle, Townsville, QLD, Australia. Ag-OG62 ME-ICP61 ME-OG62 Zn-OG62
Applies to Method:	Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia. CRU-21 LEV-01 ME-XRF15d PUL-31b PUL-QC WEI-21