



Australian Laboratory Services Pty. Ltd.

32 Shand Street
Stafford
Brisbane QLD 4053

Phone: +61 (7) 3243 7222 Fax: +61 (7) 3243 7218

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Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 29-NOV-2017
Account: TODRIV

QC CERTIFICATE PH17242080

This report is for 13 Pan Con samples submitted to our lab in Adelaide, SA, Australia on 6-NOV-2017.

The following have access to data associated with this certificate:

PAUL BURTON
CATH WETHERBY

KIM GREY

GAVIN OTTO

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
XRDRTV	XRD & Rietveld quantitative phase analys
FND-02	Find Sample for Addn Analysis
SND-01	Send samples to external laboratory

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF15c	Base Metal Concentrates by XRF	XRF

To: TODD RIVER METALS
ATTN: CATH WETHERBY
LEVEL 1
282 ROKEBY ROAD
SUBIACO WA 6008

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:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	ME-XRF15c Sn % 0.01
STANDARDS		
BCS-CRM355		31.3
Target Range - Lower Bound		29.8
Upper Bound		33.0
MP-1b		1.66
Target Range - Lower Bound		1.52
Upper Bound		1.70
BLANKS		
BLANK		<0.01
Target Range - Lower Bound		<0.01
Upper Bound		0.02
DUPLICATES		
SCA01		54.0
DUP		53.7
Target Range - Lower Bound		52.5
Upper Bound		55.2



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QC CERTIFICATE OF ANALYSIS PH17242080

	CERTIFICATE COMMENTS
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND-02 ME-XRF15c SND-01</p> <p>Processed at AuTec Innovative Solutions, Vancouver, Canada XRDRTV</p>