



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/geochemistry

Page: 1  
Total # Pages: 2 (A)  
Plus Appendix Pages  
Finalized Date: 29-NOV-2017  
Account: TODRIV

## 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



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/geochemistry

Page: 2 - A

Total # Pages: 2 (A)

Plus Appendix Pages

Finalized Date: 29-NOV-2017

Account: TODRIV

**CERTIFICATE OF ANALYSIS PH17242080**

Sample Description	Method Analyte Units LOR	ME-XRF15c
		Sn % 0.01
SCA010		22.4
SCA011		42.7
SCA012		
SCA013		9.85
SCA014		11.95
SCA015		26.6
SCA016		6.44
SCA017		
SCA018		
SCA019		35.4
SCA020		5.10
SCA021		15.30
SCA022		

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



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/geochemistry](http://www.alsglobal.com/geochemistry)

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 29-NOV-2017  
Account: TODRIV

<b>CERTIFICATE OF ANALYSIS PH17242080</b>
---

	<b>CERTIFICATE COMMENTS</b>
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></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>
Applies to Method:	