

Teck Australia Pty Ltd

2011

**GEOCHEMICAL DATA FROM DRILL HOLES MY4
and MY5**

From the “Reward Project”

EL 10316

R.Maier, August 2011.

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1.1 Owner Details

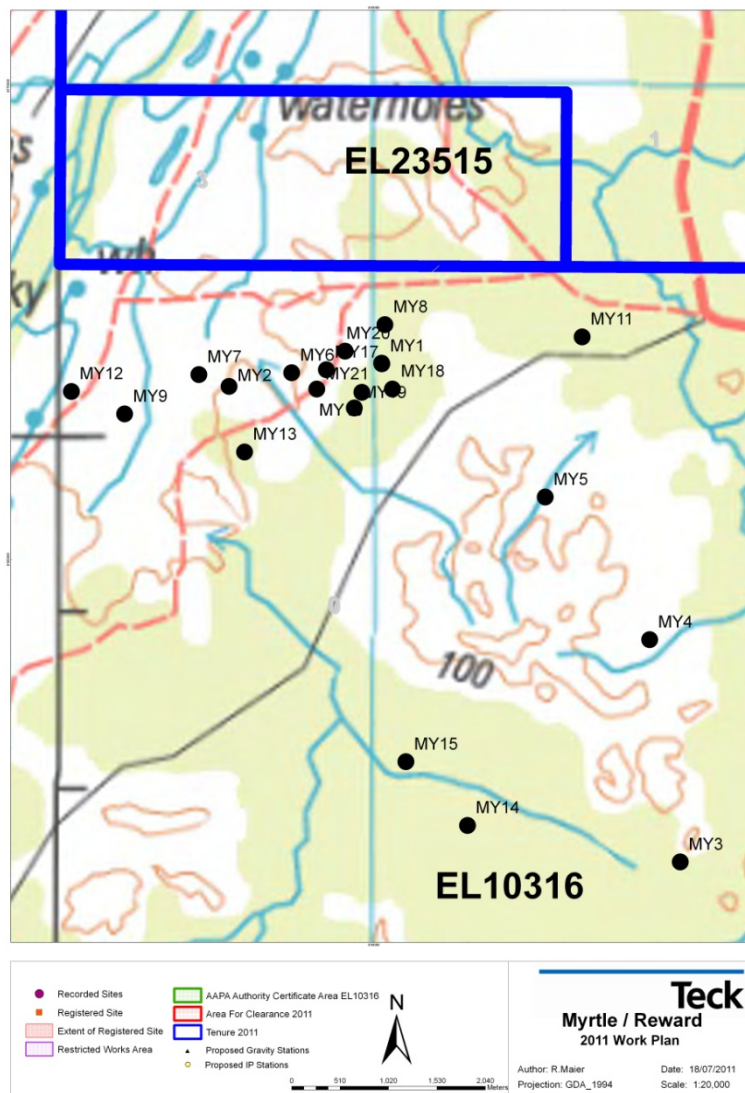
	Owner	Operator
	Rox Resources Limited	Teck Australia Pty Ltd
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1.2 Introduction

This report provides raw geochemical data from two drill holes at the Reward project (aka Myrtle, My4 and My5). The Reward Project is located 20km south of McArthur River Mine. The work program area falls on part of McArthur River Perpetual Pastoral Lease. The area falls on the Bauhinia Downs 1:250 000 map sheet.

In March, 2011, Teck Australia Pty Ltd (TCA) entered into a joint venture (JV) agreement with Rox Resources to explore for sediment-hosted Zn deposits on their northern Australian tenements including EL10316. Drill holes MY4 and My5 are located within EL 10316.

My4 and My5 are kept by the NTGS at the Farrell Crescent facility, Darwin. This report is the mandatory requirement for sampling material from the core facility. Previous analysis of drill holes My4 and My5 only provided limited geochemical data. Whilst these holes are distal to the current major Zn resource at Myrtle, their geochemical compositions could provide important vectoring information for areas to the south of the current resource.



Hole ID	Type	Easting	Northing	Depth (m)	Company	Date commenced	Date completed
My4	DD	612911	8164153	137	AO Australia	1980	1980
My5	DD	611810	8165658	387.3	Shell	1981	1981

1.3 Stratigraphy

Hole ID	Depth (m)	Reward	Barney Ck Formation	W-Fold Shale	Coxco Dol.	Teena Dol.
My4	137	3 – 19.5m	19.5 – 86m	86 – 94.4m	94.4 – 111m	111 – 137m
My5	387.3	0 – 187.4m	187.4 – 332.4m	332.4 – 364.9m	364.9 – 369m	369 – 387.3m

Previous descriptions of drill holes My4 and My5 are provided in the open file report entitled:

Bormann, J.C., 1982. The Shell Company of Australia Ltd Metals Division
Annual report on EL1203, Leila Yard, Northern Territory. Report No:08.1076. NTGS report No: CR82/20.

1.4 Analytical methods

Sample Decomposition:

HF-HNO₃-HClO₄ acid digestion, HCl leach (GEO-4A01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples meeting this criterion are then analyzed by inductively coupled plasma-mass spectrometry. Results are corrected for spectral interelement interferences.

<http://www.alsglobal.com/minerals/downloads/short-method-descriptions.aspx>

1.5 Geochemical Data

The attached text file contains the raw geochemical data from My4 and My5. These data indicate both drill holes contain low anomalous concentrations of most elements associated with sediment hosted zinc deposits. These data will form an integral part of the ongoing exploration activities by Teck Australia at the Reward project.