



**AUSTRALIA CHINA CORPORATION OF COAL  
GEOLOGY ENGINEERING PTY LTD**

**E 30/2010**

**ANNUAL REPORT**

**FOR**

**PERIOD ENDING 25 MAY 2013**

**HOLDER:** ACCCGE Pty Ltd  
**AUTHOR:** Dee Bird  
**DATE:** April 2013

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**Location:** Tasmania  
**Sheet Name:** 1:250 000 SK5504 Launceston  
1:100 000 8515 Georges Bay  
**Datum:** GDA94

# 1. INTRODUCTION

This report details the work completed on EL30/2010 for the twelve month period ending 25<sup>th</sup> May 2013.

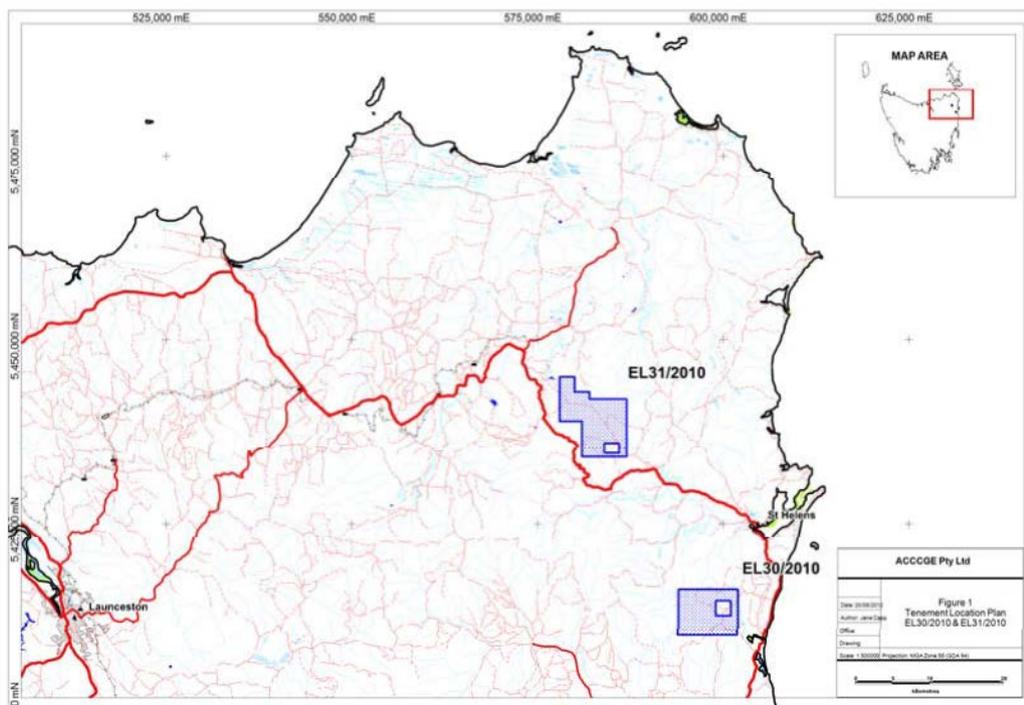
Australia China Corporation of Coal Geology Engineering Pty Ltd (ACCCGE) completed field reconnaissance and collected rock chip samples to assess the potential for tin, tungsten and associated base metal mineralisation hosted in the Silurian – Devonian Mathinna Beds

# 2. TENEMENT STATUS

The exploration licence (EL30/2010) covers 44 square kilometres in North Eastern Tasmania in the Scamander River valley. It is located approximately 95 kilometres East-South-East of Launceston and 12 kilometres South West of St Helens (Figure 1).

The licence was granted to ACCCGE Pty Ltd on 26 May 2011 for a period of five years.

The licence contains an excluded area – retention licence 2/2009 that covers the Great Pyramid Tin workings that is held by TNT Mines Ltd.



**Figure 1: Location of Licence**

### 3. TOPOGRAPHY AND ACCESS

EL 30/2010 is located largely within Sate Forest which provides good vehicular access along a number of graded tracks.

The terrain is undulating to steep with southern extensions of the Loila Tier and Copper Show Ridge extending into the Northern part of the license. The Southern part of the license is dominated by the Scamander River Valley. Vegetation is mostly light, open, eucalyptus forest with thick undergrowth.

### 4. GEOLOGY

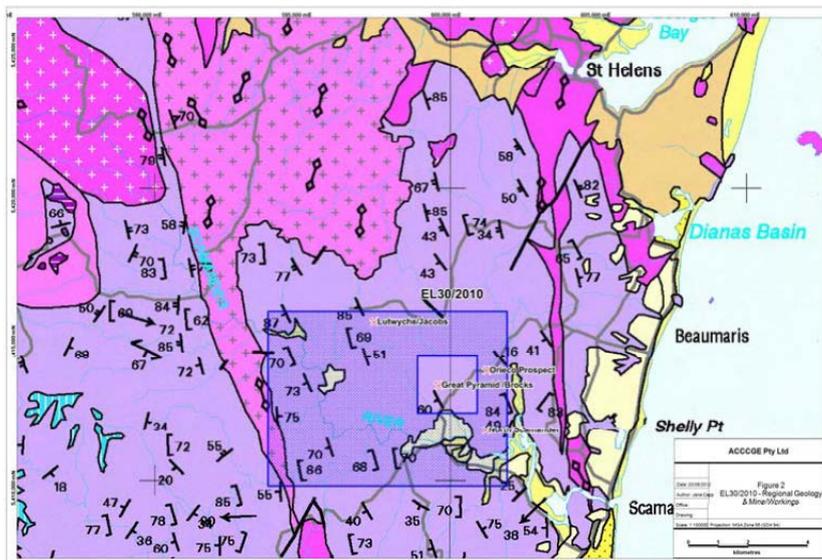
The North Eastern area of Tasmania is dominated by the Silurian – Devonian Mathinna Beds. These typically consist of alternating sequence of dominantly bedded sandstones up to 10m with lesser siltstone and shale sequences up to 5m thick (Figure 2). The sequence was folded during the Tabberabberan Orogeny into open NNW trending folds. Major faults and shear zones also trend NNW. Low grade metamorphism has resulted in the formation of quartzites and slates.

The sedimentary sequence was been intruded by granitic plutons at the end of the Devonian during the end of the Tabberabberan Orogeny. Associated vein-hosted dominantly tin and silver mineralisation is centred on the NNW trending fault and shear zones within the Mathinna Beds.

Minor low grade metamorphism of shales to spotted hornfels and greywackes to quartzites has occurred adjacent to the granitic intrusions and within shear zones.

Tertiary and Quaternary cover deposits of alluvium occur in the lower reaches of the Scamander River.

The Great Pyramid workings occur on a conical shaped hill within RL2/2009. Mineralisation occurs in a zone of intensely folded to overturned Mathinna quartzite. The dominant fault set strikes NNW and there is a second NE striking set, some occupied by dykes. Tin and silver mineralisation occurs in brittle sheeted and fissure veins. Minor arsenic, copper, lead, zinc and tungsten mineralisation also occurs.



**Figure 2: Regional Geology**

## 5. PREVIOUS EXPLORATION

At the turn of the last century minor discoveries of tungsten, copper, silver and tin were made in the Scamander Mineral District, but were rarely developed past the prospect stage (Anon, 1979). The Orieco Mine, located North East of EL30/2010, produced 85 tonnes of copper and the Great Pyramid Mine produced 2.93 tonnes of tin.

The Great Pyramid Tin Mining Co. conducted soil sampling and exploration audits at the Great Pyramid prospect in 1909-1910, with poor results. Mining and milling operations occurred between 1925 and 1936 producing 2.93 tonnes of tin concentrate.

Modern exploration by various companies has been continuous in the area since 1959. BHP, Austimex and Geophoto conducted geophysical surveys, geochemical sampling and drilling at various prospects in the area. BHP Pty. Co. explored for tin deposits (>5,000t) in EL12/78 and other retention licences over the Great Pyramid prospect until 1994.

Merrywood Coal Company Pty Ltd held the area (EL6/95) but with drop of the tin price in 1997 and closure of the Anchor Tin Mine the license was relinquished.

Prospect	Exploration	Description
Upper Scamander Anomaly	Geophysics	2 IP lines
	Geochem	Rockchip sampling
	Drilling	1 DD hole
Copper Creek Show	Geophysics	3 IP lines
	Drilling	2 DD holes
Lutwyche	Drilling	4 DD holes
Orieco	Geophysics	-
	Geochem	Rockchip and stream sediment sampling
	Drilling	2 DD holes
Great Pyramid	Geophysics	Ground magnetics
	Geochem	Bulk sampling, underground devt
	Drilling	24 Percussion, 2-4 DD holes
North Scamander	Geophysics	4 lines recon. VLF Fluxgate magnetometer, Puranen Dual frequency E.M. survey
	Geochem	Stream sediment, rockchip and soil sampling for Cu, Pb, Zn (defined 300x600m anomaly)
	Drilling	1 DD hole (1.2m @ 4.4% Zn, 1.5% Pb, 0.1% Cu)

**Table 1: Previous Exploration of the Licence Area**

## 6. WORKS COMPLETED DURING REPORTING PERIOD

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The unforeseen Global Financial Crisis which hit in November 2011 had undeniably affected companies worldwide and unfortunately severely affected ACCCGE Pty Ltd. The markets direction at the time severely hinged international companies investing in exploration throughout Australia, leaving them too scared to invest so much into an unstable economy.

ACCCGE Pty Ltd failed to draw the investments needed to conduct the required exploration over the tenement and as such, have applied for an exemption for this period.

Thank-fully, stability in the market has since increased investor confidence and has allowed ACCCGE Pty Ltd to obtain the requirement investments to move forward with their exploration over the next 12 months.

As of the 13/02/2013, ACCCGE Pty Ltd have been FIRB approved

## 7. PROPOSED EXPLORATION

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Visa processing for the related personnel and preparing for field from June 2013 to July 2013, from August 2013 to February 2014, the work including 1: 50,000 soil test, grid 500x100, sampling 200, rock chip sampling 30, total line length 90KM, cutting grid about 30KM which is easily for people to access, preparing road 5 KM which is easily for vehicle to access, Preparing periodic report from March 2014-May 2014.

The proposed expenditure for this period is \$513,000.00

## 8. ENVIRONMENTAL

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No ground disturbing activities were completed during the reporting period.