Report :file10-2008/ 2

ANNUAL REPORT FOR THE PERIOD 16/12/2009 TO 16/12/2010

BRIDPORT EXPLORATION LICENCE

EL 10/2008

Author

J.I.Stewart M. Sc
B. Sc (Hons)
MAIMM, MAIG,
Dip.Ed

DATE:
16thSept.2010

COPIES:

- MRT,PW Askins,
- JI Stewart -Perth

ABSTRACT

EL 10/2008 Bridport was granted on 16thDecember 2008 .It is 118sqkm in area and was claimed to explore for the potential for heavy mineral sands ,particularly cassiterite, zircon, illmenite, rutile, monazite, gold, and gemstones (topaz ,sapphire, ruby etc).

Detailed Interpretation of Processed Landsat Imagery with emphasis on the features peculiar to paleo strand lines was attempted.

Published radiometric and magnetic imagery and interrogation of Google Earth Imagery were utilized to find evidence of relationship between current landform and botany and underlying marine strandlines and paleostructure.

It has been found that the current landuse has severely affected the botanical environment and spectral signatures such that there is little perceived relationship between these and the underlying geology-geography deduced from geophysics.

Consultants Geotech International processed the MRT geophysical data and highlighted a number of encouraging anomalies that could well be related to blind heavy mineral concentrations.

Preliminary Ground reconnaissance on the tenement evaluated the surface expression of interpreted buried strandline. Considering the disturbed nature of the area heavies have been recovered from several sites.

This gives strong encouragement that heavy mineral sands of potential economic interest are possibly located in the project area.

CONTENTS

FIGURES

1.INTRODUCTION

Exploration Rational – see abstract

Licence

Tenement Number EL10/2008

Beneficial Holder

The Tenement was applied for by James Stewart. P.O.Box 7298,Karawarra,PERTH 6152.

Area – figure 1a.

The project area is currently encompassed by a 118 sq. km Exploration Licence, EL 10 / 2008. Specifically:

Date of Grant 16 / 12 / 2008

Date of Expiry 16 / 12 / 2013

Tenement Location

The Bridport Project is located in north east Tasmania directly east of the Town of Bridport .

Access to the perimeter and northern segment of the project area is excellent. However, assess to the southern part of the tenement is extremely limited . An all weather sealed road services the townships of

The Tenement is located over the land tenure known as private land, Crown land, Forest Reserve and State Forest.

Reporting Period is 16th December 2009 to 16th September 2010.

2.REVIEW OF PREVIOUS WORK

Prior to Current Tenement

See 2009 Annual Report.

During Current Tenure

Interpretation of MRT Radiometrics was completed by Geotech International.

A number of strong radiometric anomalies are indicated and appear related to strong NNW and NE trending basement features.

Preliminary reconnaissance was conducted over the project.

Selected sites are shown on figure 1.

Sites descriptions are included in figure 2 to 5 and tables 1 to 3.

	Recon. Site No		
BP1-GTFRSWRD1	SITE 4	552434	5455747
BP2	SITE 3	539268	5459664
BP3	SITE 3	539803	5459510

3.Regional Geology and Mineralisation – *See previous report.*

4.EXPLORATION COMPLETED DURING CURRENT REPORT PERIOD

Prospect based exploration Activities

A photo-structural analysis has not been viable due to the intense spectral influence of farming activity and its influence on hydrology and subsurface aquifers-old vegetation.

Google earth was examined in fine detail for spectral features identified in the Landsat Imagery.

Further worked is aimed at ground verification of the geophysical anomalies denoted by consultants.

5.DISCUSSION OF RESULTS

ER-Mapper processing of MRT Radiometrics (Figure 1) has delineated 4 broad radiometric features that geometrically indicate the presence of underlying HM concentrates on NE trending paleostrand lines.

Spectral analysis of the area is hampered by cultural features ,however reconnaissance sampling and panning in an irrigation channel indicate encouraging HM concentrates (figure 1to 4 and tables 1-3).

Pending further activity

6.CONCLUSIONS

Recommendations and Proposed Future Exploration

Topographic mapping is warranted .

Reconnaissance auger sampling is recommended utilizing current access.

7.ENVIRONMENT

Surface Disturbing Operations: No surface disturbing operations conducted during the period.

Surveys; extensive literature exists for Landcare and Forestry Projects in the surrounding area. Public Information was assessed to determine possible environmental sensitivities (eg NE Coast Landcare Group-Waterhouse Region, Farm Forestry Programme 1997-2000 etc).

Rehabilitation; Not Applicable during the reporting period

8.EXPENDITURE

Expenditure on exploration for the period 16December 2008 to 11November 2009;

Geoscientific Costs

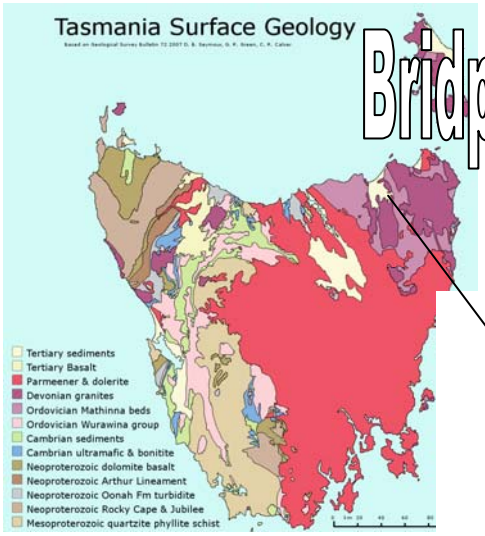
Land Assess Costs

Administration Costs

TOTAL $19,700

9.REFERENCES

Bridport Interpreted Strandlines and Structure on Quaternary Geology



2

SELECTED RECONNAISANCE SITES

530000 mE
535000 mE
540000 mE
545000 mE
550000 mE
555000 mE
5465000 mN
5460000 mN
5455000 mN
5450000 mN

Bridport

1
2
3
4

MARINE INCURSION

250K geol anomalies along interpreted partially buried Tertiary strandlines

Figure 2: Reconnaissance over Western Extremity – Western Anomaly

Figure 3: Outcrop of Consolidated, Southern Dune complex .Reconnaissance site 2.

Figure 4: .Reconnaissance Panning Site 3. Artificial drainage ditch or irrigation channel.

Figure 4b: .Reconnaissance Panning Site 3. Above Channel, farming north of channel.

Figure 5:
.Reconnaissance Panning Site 4.
.

FIGURE 6:
GRAVITY.SHOWING MAJOR CRUSTAL SCALED FAULT BLOCKS AND BATHOLITHS (BLUE).