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## **BELMONT EXPLORATION**

### Final Report for Exploration License EL4/2016

Alan Griffiths  
Version 1  
Date 14/04/2018

#### **LOCATION**

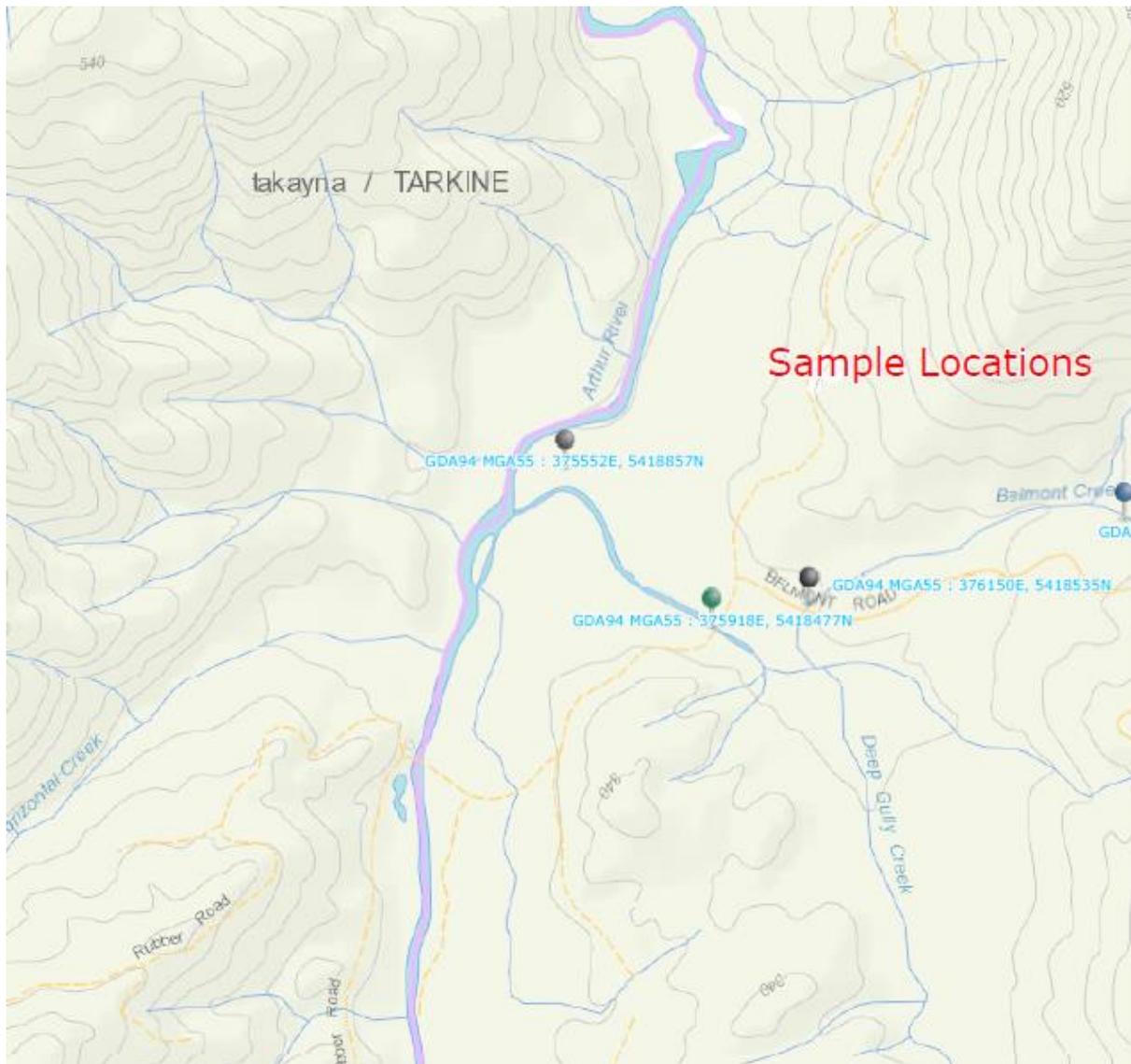
Belmont Road,  
Arthur River,  
Waratah, TAS.

#### **PROPONENTS FOR BELMONT EXPLORATION**

Gary Ian Fisher, Alan Griffiths, John Murray, Ben Mayne

#### **CADASTRAL PARCEL**

Property Address	Murchison Highway, Parrawe, Tasmania, 7321
Property ID	3388469
Owner	Forestry Tasmania



**EXPLORATION ACTIVITY**  
**BELMONT CREEK**

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## **1. EXECUTIVE SUMMARY**

During 2016 and 2017 Belmont Exploration undertook limited hand surface sampling on foot in Belmont and Deep Creek. In October 2017 a 5 tonne excavator was used to dig 3 # holes in a track near the junction of Deep Creek and Arthur River and samples were collected from these holes. Some samples were sent to laboratories for assay. Results from assaying revealed no significant mineral concentrations of commercial metals. In March 2018 exploration by Belmont Exploration was terminated upon the death of Mr. Gary Fisher and an application was submitted to Mineral Resources Tasmania to surrender exploration licence EL4/2016.

## **2. PURPOSE**

The purpose of this report is to comply with requirements by the Tasmanian Government. This requirement is under the Mineral Resources Development Act 1995.

## **3. EXPLORATION PHILOSOPHY**

The primary purpose of the exploration was to sample eroded material shed from the surrounding Arthur River Valley hills in the vicinity of Deep Creek for the presence of metals. The philosophy being that eroded alluvial material from the surrounding serpentine would be deposited into the Arthur River Valley and Belmont Creek and that it could contain mineralisation. Similar mineralisation of serpentine occurs at Serpentine and Bald Hill in Western Tasmania which has in the past produced commercially viable mineral deposits.

## **4. SURRENDERED AREA OF EL4/2016**

It is the intention to surrender exploration licence EL4/2016 in entirety.

## **5. SUMMARY OF EXPLORATION UNDERTAKEN**

Exploration was very limited and comprised of:

1. Surface sampling of Belmont Creek Bed.

GDA94 MGA 55 Co-ordinates

376150E, 5418535N

376139E, 5418518N

Surface sampling of Deep Creek river bed.

GDA94 MGA 55 Co-ordinates

375918E, 5418477N

2. Samples collected from excavator dug test holes 1.5 metres deep, located within an existing vehicular track at the junction of Deep Creek and Arthur River.

GDA94 MGA 55 Co-ordinates  
375552E, 5418857N



All excavation undertaken within established tracks

## 6. CONCLUSIONS AS TO THE NATURE AND DISTRIBUTION OF ANY MINERALISATION IN THE AREA BEING SURRENDERED

Sample assays did not reveal any high concentrations of mineralisation of commercial value. As a consequence it was concluded that it is not feasible to undertake any further exploration in the area.

## **7. BIBLIOGRAPHY OF ASSAY REPORTS**

Australian Laboratory Services Pty. Ltd., 32 Shand Street, Brisbane Queensland  
4053

**Certificate of Analysis BR17262672**

**Certificate of Analysis BR17074958**

**Certificate of Analysis BR17013410**

**Certificate of Analysis BR16195128**

## **8. DETAILS OF ENVIRONMENTAL MANAGEMENT ACTIVITIES UNDERTAKEN**

All exploration activities occurred within a former logging site. The logging operations which were conducted in the late 70's and early 80's has left the area in a heavily degraded condition. Wheel rutting, skidder tracks and heavy machinery movement a bi-product of logging have scarred the landscape. Logging operations had destroyed much of the remnant flora. Re-growth has been poor. Random eucalypt re-growth after logging has occurred with trees at about 8 metres in height. The re-growth and other minor species associated with the re-growth is of little commercial value. Exploration activities undertaken by Belmont Exploration were low scaled and have had a negligible impact on the environment. All vehicle movements were confined to existing tracks and roadways thereby avoiding damage to flora. Machine excavation was confined to pre-existing tracks and all holes backfilled and leveled. Rubbish was collected and disposed off site. No spillage of hydrocarbons or chemicals harmful to the environment occurred.

## 9. DIGITAL DATASET GENERATED

No digital datasets were generated during the course of the tenement.

## 10. APPENDIX

### 10.1 PHOTOS



**ALL EXPLORATION ACTIVITIES INVOLVING EXCAVATORS WERE UNDERTAKEN ON EXISTING PREFORMED LOGGING TRACKS. THIS PRACTICE HAD A MINIMAL IMPACT ON THE ENVIRONMENT.**



**HOLES DUG BY EXCAVATOR WERE UNDERTAKEN ON EXISTING TRACKS**



**ALL HOLES WERE BACK FILLED WITH AN EXCAVATOR**

## 10.2 **NOTES FROM GARY FISHER'S FILES**

### RECORD OF EXPLORATION

Preliminary sampling was taken 27<sup>th</sup> & 28<sup>th</sup> October 2016 by Gary Fisher, Marianne Fisher, Matthew Fisher & Eleanor Fisher. AR 1 was collected and sent to ALS for assay.

Results were encouraging.

The next field trip was undertaken by Gary Fisher and Alan Griffiths on the 18<sup>th</sup> November when AR 2, DG 1 and BM 1 were dug by hand by Alan.

Again the assay results were encouraging and led to a re-thinking of the Exploration Programme.

A meeting was then held 24th February with Mines Inspector Lachlan Brown on site, with Gary Fisher, Ben Mayne and Alan Griffiths attending. John Murray was supposed to attend, but was unable to do so.

No sampling was undertaken, but test pit locations were investigated and marked.

It was noted that Belmont Creek could be accessed from Belmont Falls on the East of our Exploration Licence.

Discussion and emails were exchanged between Lachlan Brown and Gary Fisher to try and get a machine in to the site this Autumn. (2017)

A field trip was made on 24th March by Gary Fisher, John Murray, AM (Ben or Alan) and Kyle. Access to Arthur River from Wandle Road was investigated and the old logging track was found.

AR 3 was dug by hand on the Western side of the Arthur River to a depth of 1.4 metres.

A hard band was found at a depth of 500mm, extending to a further depth of 300mm, where we again passed into sand. A hard bottom occurred at a depth of 1.4 metres.

Samples were taken at top and bottom for this test pit. The river was flowing at about 3 metres wide and 300mm depth.

We then travelled to a point on Belmont Road where BM 3 was located in the creek. Test pitting took place to a depth of about 1 metre and a bottom sample was taken. The creek was about 1 metre wide, flowing strongly at about 300mm depth.

As a result of the 2 pits located, it was clear that the remainder of test pits in our initial programme should be dug by hand to avoid any endangered vegetation species. Lachlan Brown to be advised accordingly.

During the month of August, samples were forwarded to Olympus to compare XRF Spectrometer assays with acid digest assays from ALS. The results were interesting and clearly savings in assays could be made if the XRF method could be used.

Also, John Lethborg was considering setting up his laboratory again to carry out assays by AA.

Field trip 5<sup>th</sup> April 2017 — Gary Fisher, Alan Griffiths, Ben Mayne, Kyle.

Depart Launceston 8.00 a.m. in Pajero. Met Alan Griffiths on site at 10.30 a.m. with his Hilux.

Travelled to BM 3 — commenced flagging route for excavator. Alan Griffiths supervising flagging, proceeding to junction of Belmont Creek and Jack Lynch Creek.

Going quite rough, but Alan looking out for endangered flora. Undergrowth mainly Dogwood, but Alan taking photographs and measuring distance with hip chain.

Did not get to creek junction, but Ben Mayne found basalt sample with metallic grain content. Rock samples were taken as well as a sample from Belmont Creek.

Decided to re-visit locality with small excavator to evaluate hard rock deposit and Creek. Returned to Launceston 6.00 p.m.

Sample preparation by Gary Fisher

AR 3 T & B, BM 3, Rock Sample 1, all ground to 100um by John Lethborg and 100gm of each sample was panned to concentrate for inspection with digital microscope.

All samples were observed to contain cassiterite, gemstone like objects and fine metallic particles.

Images were photographed and filed on the Gary Fisher computer.

Samples were despatched to the ALS Laboratory, Queensland 20th April, and some results are available today, 2<sup>nd</sup> May.

Final results were emailed from ALS on 8<sup>th</sup> May. Hard rock sample contained mainly pyrite but some nickel was apparent.

BM 3 was not promising, but AR 3 T & B showed significant tin and silver.

#### PREPARATION FOR MACHINE

On Thursday 26<sup>th</sup> May Gary & Marianne made preparation for the 5 tonne machine to be delivered by John Murray to the site for deep test-pitting. Ben assisted and bags were numbered ready for sampling.

Sampling did not go ahead due to the lack of availability of the machine. All partners were notified, including the MRT Inspector, Lachlan Brown.

#### FIELDWORK 28— 29/10/2017

Since Partner John Murray had been unable to provide a small excavator to dig the test pits urgently required, Senior Partner, Gary Fisher engaged contractor, Craig Von Stieglitz, to bring his machine to the Arthur River on 28<sup>th</sup> October for the purpose of digging those test pits.

Those attending on that day were Matthew & Eleanor Fisher, Gary & Marianne Fisher, Alan Griffiths and Crain Von Stieglitz.

The machine was directed to clear an old logging track from Wandle Road to the Arthur River and this took about two and a half hours to reach co-ordinates 376 175E and 5 418 921N. A test pit was dug on the bank of the River to a depth of about 1.5m where it went from Mt. Bischoff tailings to other river wash.

Gary Fisher observed a mounding of soil about 20m from the Arthur River, and a second hole was dug there and Mt. Bischoff tailings were found to be 2.5 metres deep. Below that, small pudding stone size boulders were excavated and cracked open, revealing the

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occurrence of metallic mineralization which had the appearance of platinum. These were inspected on site, and no positive identification was able to be made, leading to samples being sent to John Lethborg for crushing and grinding, specimens being forwarded to Chief Mineralogist MRT, Ralph Bottrill, ground samples being sent to the Olympus XRF Laboratory at North Ryde, Sydney for assay.

Neil Allen has subsequently inspected the mineralization under his microscope, but had not yet given an opinion of what the metallic substances were. He is preparing to crush and grind the samples left with him for further examination under a microscope.

Gary Fisher contacted the XRF hire business in W.A. and requested that we be put on a wait list to hire an XRF Spectrometer for 1 week when a suitable unit calibrated for platinum group elements (PGE) was available.

Gary Fisher has panned a sample of the dark and light rock specimens and his findings will be presented to the meeting of 3rd November.

On Sunday 29/10/2017 Alan Griffiths and Craig Von Stieglitz commenced exploration to find a way of getting in to the junction of Belmont and Housego Creek, and were able to cut a track to that junction and to take samples by hand excavation.

Samples will be prepared for dispatch to the ALS Laboratory in Queensland. This note brings us up to date as at 3<sup>rd</sup> November, 2017.

### **10.3 ASSAY RESULTS**

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ALS Brisbane is a NATA Accredited Testing Laboratory. Corporate  
Accreditation No. 825, Corporate Site No. 818.

Project: Sample Batch No 4

Page: 2 - A  
Total # Pages: 2 (A)  
Plus Appendix Pages  
Finalized Date: 21-DEC-2017  
Account: BELEXP

### CERTIFICATE OF ANALYSIS BR17262672

Method	Wt-%	C-807	C-818	ME-KP61	ME-KP61	ME-KP61	ME-KP61	ME-KP61	ME-M085	ME-M085	PGM-KP23	PGM-KP23
Analyte	kg	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm
Units	kg	%	%	ppm	ppm							
LOR				0.5	0.01	1	2	10	1	0.001	0.005	0.005
ARS 1 D Deep 28/10/17	0.04	1.36	0.64	<0.5	0.01	05	21	117	610	149	0.002	<0.005
ARS 2-3 Deep 28/10/17	0.04	0.14	<0.02	<0.5	0.50	153	18	152	500	20	0.005	<0.005
ARS Dark 28/10/17	0.05	0.05	0.02	<0.5	8.05	145	12	100	370	4	0.007	0.005
ARS Light 28/10/17	0.04	0.05	<0.02	<0.5	1.55	27	11	18	900	45	0.002	<0.005
HGT 28/10/17	0.05	1.02	0.02	<0.5	10.65	258	15	210	630	2	0.002	<0.005



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Project: Sample Batch No. 3

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Account: BELEXP

### CERTIFICATE OF ANALYSIS BR17074958

Method	C-807	ME-KP41	PGM-KP23	PGM-KP23	PGM-KP23	ME-K08150	ME-K08150	ME-K08150	ME-K08150
Analyte	C	Ag	Au	Pt	Pt	Fe	Se	Si	Sn
Units	%	ppm	ppm	ppm	ppm	%	%	%	%
LOR	0.01	0.2	0.001	0.005	0.001	0.005	0.005	0.005	0.005
ARS 1	0.89	16.3	0.028	<0.005	0.001	8.78	0.008	0.140	0.704
ARS 15	1.07	17.0	0.027	<0.005	0.002	8.81	0.009	0.145	0.737
BMS	0.46	0.2	<0.001	<0.005	0.001	12.30	0.027	<0.005	0.025
Pick Sample No. 1	0.19	<0.2	0.001	<0.005	0.002	8.08	0.047	0.005	0.019



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Project: Sample Batch No 2

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Account: BELEXP

### CERTIFICATE OF ANALYSIS BR17013410

Method	Wt-%	C-807	ME-K08150	ME-K08150	ME-K08150	PGM-KP23	PGM-KP23
Analyte	%	ppm	ppm	ppm	ppm	%	%
Units	%	ppm	ppm	ppm	ppm	%	%
LOR							
Sample Description							
Sample 1 Arthur River	<0.06	<0.06	0.051	<0.01	<0.02	0.001	<0.005
						1.80	10.85
						0.805	0.908
						0.005	22.3



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Project: Arthur River

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### CERTIFICATE OF ANALYSIS BR16195128

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