Report of Diamond Drilling 2006

HINTERLAND METALS INC.

Teck Property
Teck and Grenfell Townships
Larder Lake Mining Division
Province of Ontario
NTS Sheet 042A01
48°08' N., 80°08" W.

Mark Fekete, P.Geo.

March 20, 2009

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Summary

An eight-hole, 1175.9m core drilling program completed in 2006 by Hinterland Metals Inc. on the 47-claim (1148ha) Teck Gold property (the "Property") located in Larder Lake Mining Division of Ontario approximately 10km west of Kirkland Lake. Several logging roads and drill trails provide access to the Property. The goal of the drilling was to test a number of induced polarization and magnetic anomalies. The report was written specifically to meet the requirements for assessment work submissions under the Ontario Mining Act. It was not intended for the purposes of and was not prepared in compliance with National Instrument 43-101.

TEC06-11 and 12 were drilled well north of the unconformity contact between the Kinojevis Group volcanics to the north and the Timiskaming Group sediments to the south. TEC06-13 and 14 were drilled on the north margin of this contact. The rest of the holes were drilled well south of the contact within the Timiskaming sediments. A total of 288 samples were fire assayed for gold at Bourlamaque Assay Laboratories Ltd.; 70 samples were fire assayed for gold at Laboratoire Expert Inc. and geochemically analyzed for 31 other elements at Activation Laboratories Ltd.: and 10 samples were fire assayed for gold at Swastika Laboratories Ltd.

The results of the drill program were disappointing in that none of the eight holes returned any notable gold intersections although numerous favourable intervals of quartz-carbonate veining and mineralization were encountered. Generally the known gold deposits are deeper moving east to west across the Kirkland Lake Gold Camp. The Teck property is on the western edge of the Camp and so it is to be expected that any significant gold mineralization will be located at depth rather than on surface. The presence of semi-massive to massive sulphide mineralization in TEC06-12, although barren, nonetheless opens up the Teck property to exploration for VMS-type targets.

No specific recommendations are offered in this report. Empirical evidence in the Kirkland Lake Camp suggests that the SW block of the Teck Gold property has better potential at depths of 1000 to 2000m rather than at surface that will require a program of deep drilling at considerable expense. Hinterland has only completed two holes to date on the NE block. These holes are located in the far southwestern corner of the block so the block still holds plenty of near surface gold potential that must be investigated. Moreover the broad zone of sulphide mineralization intersected in one of the holes suggests that exploration directed at VMS-type mineralization must be completed on the NE block.

Certificate of Qualifications

I, Mark Fekete, having my place of residence at 178 Dennison Boulevard in Val d'Or in the Province of Quebec do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from the University of British Columbia in 1986, I have been engaged as a Geologist continuously since 1986 and I am a Member in good standing of the Order of Geologists of Quebec (OGQ No. 553) and the Association of Professional Engineers and Geoscientist of British Columbia (APEGBC No. 31440), and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;

2. I have visited the Teck Gold property on numerous occasions including most recently in June 2006;

3. I wrote and I am responsible for the contents of this technical report entitled "Report of Diamond Drilling 2006, Teck Property, Teck and Grenfell Townships, Larder Lake Mining Division, Province of Ontario, NTS Sheet 042A01, 48°08' N., 80°08" W." based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work program described in the report;

4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;

5. I am an officer and director and I beneficially hold a number of shares in Hinterland Metals Inc.;

6. I hold no direct interest in the Teck Gold property as a result of my prior involvement with the property; and

7. I have read, and this report has **not** been prepared in full compliance with National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 20th day of March, 2009,

(s) "Mark Fekete"

_____

Mark Fekete, P.Geo.

Introduction

This brief report describes an eight-hole, 1175.9m core drilling program completed in 2006 by Hinterland Metals Inc. on the Teck Gold property (the "Property") in Ontario. The report was written specifically to meet the requirements for assessment work submissions under the Ontario Mining Act. It was not intended for the purposes of and was not prepared in compliance with National Instrument 43-101.

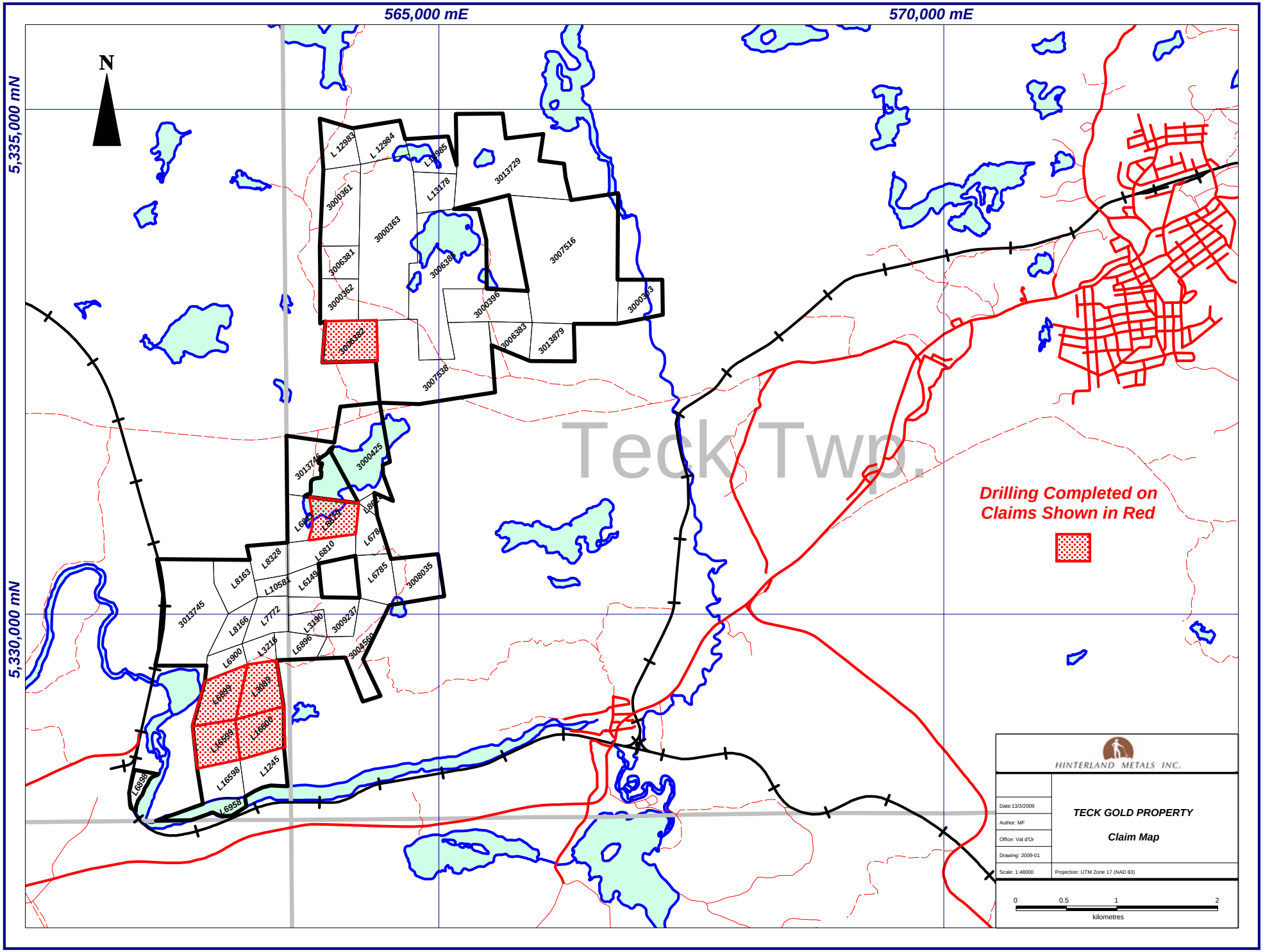
The metric system is used for all units of measure mentioned in this report and all dollar amounts are in Canadian funds unless otherwise stated. All figures presented in this report are plotted in map projection UTM NAD 83, Zone 17 unless otherwise stated.

Location, Access and Claim Information

The Teck Gold property is located in Teck (G-3719) and Grenfell (G-3212) townships in the Larder Lake Mining Division of Ontario approximately 10km west of Kirkland Lake (Figure 1). The center of the Property is located at approximately 48°08' North Latitude and 80°08" West Longitude on NTS Sheet 42A01. The Property consists of 47 mineral titles that together cover an area of approximately 1148 hectares (Figure 2). Some of the titles are mineral claims and some of them are mineral patents (Appendix A). There are two distinct parts of the Property referred to as the Northeast ("NE") and Southwest ("SW") blocks. The Goldthorpe road provides relatively easy access to the NE block and the most northern part of the SW block around Perron Lake. Access to the southern part of the SW block is more difficult. In 2005 Hinterland constructed a rough drill trail from Swastika. The trail is about 2km long and enters the SW block at the far southeastern corner on Claim No. 3004560. It is only really usable during the winter months.

Figure 1 - Location Map




565,000 mE
570,000 mE
5,335,000 mN
5,330,000 mN
N
Teck Twp.
Drilling Completed on
Claims Shown in Red
HINTERLAND METALS INC.
TECK GOLD PROPERTY
Claim Map
Date:13/3/2009
Author: MF
Office: Val d'Or
Drawing: 2009-01
Scale: 1:48000
Projection: UTM Zone 17 (NAD 83)
0
0.5
1
2
kilometres

2006 Drill Program

Introduction

The goal of the drilling was to test a number of induced polarization and magnetic anomalies. The drilling, including preparations, mobilization and demobilization, was done from February 1 to April 18, 2006 under the local supervision of geologist in training Terry Croteau ("Croteau") of Saskatoon, Saskatchewan. Mr. Croteau was directed by Mark Fekete, P.Geo. (the "Author") of Val d'Or, Quebec. Prospectors Fred Kiernicki ("Kiernicki") and Terry Link ("Link"), both of Kirkland Lake, participated in the work by spotting drill holes, flagging drill trails and bringing drill core out of the bush by snow machine. Drill trails were constructed with an excavator rented from Alex McIntyre and Associates Ltd. Hinterland rented an apartment and core shack in Kirkland Lake for the duration of the drill program. In June 2006, Mr. Croteau compiled the assay data into the drill logs and drill sections were prepared by Tech2Mine Inc. in Val d'Or. He also returned to Kirkland Lake to do some follow-up sampling. At the same time Kiernicki and Link transported the core to Kiernicki's garage in Matachewan, Ontario where it is presently stored. Administration related to the drilling was done by secretary Nicole Beaudet of Val d'Or.

A total of 1175.9m of NQ-diameter core drilling was completed in eight holes numbered TEC06-11 to TEC06-18 inclusive. The drilling contractor was Yost Drilling Ltd. ("Yost") of Kirkland Lake, Ontario. Excessive delays were caused due to the dilapidated condition of the drill equipment, lack of qualified personnel and the general adversarial nature of the drill contractor. Casings were left in holes TEC06-12, 14, 15 and 16. All drill collar locations were recorded with a Garmin 76CX GPS receiver in map datum UTM NAD 83 Zone 17. TEC06-11 and 12 were not tied into any local grid. The rest of the holes were tied into the SW Grid. Acid tests were the only method used to determine in-hole orientations. The core was logged and sampled by Croteau, and split by L. Webster of Kirkland Lake.

The drill program is summarized in the table included as Appendix B. Core logs are included as Appendix C. The drill holes are also graphically presented in two 1:5000 scale plan maps (Figures 3 and 4) and in six 1:500 scale sections (Figures 5, 6, 7, 8, 9 and 10). In March 2009 the Author compiled the 2006 drill results into a MapInfo/Discover dataset and wrote the drill report.

Sampling, Analytical Procedures and Data Verification

Drill core was delivered to the core shack on a per shift basis in sealed core boxes. All sample intervals were recorded in the core logs and marked in the core boxes with numbered water proof tags stapled at the beginning of the sample interval. The core was split with a diamond-blade core saw. One-half of each split core sample interval was retuned to its original core box location. The remainder of each sample was placed with a sample tag in a plastic sample bag marked in indelible ink with the corresponding sample number and sealed with a plastic tie-wrap. Batches of samples were subsequently sealed in rice bags with security plastic tie wraps bearing unique serial numbers.

A total of 288 samples from all holes except TEC06-12 were delivered to Bourlamaque Assay Laboratories Ltd. ("Bourlamaque") in Val d'Or for gold analysis. Hole TEC06-12 showed numerous intervals of stringer to semi-massive sulphide mineralization. Therefore 70 samples from this hole were sent to Laboratoire Expert Inc. ("Expert") in Rouyn-Noranda for gold and geochemical analysis for 31 other elements. Ten follow-up samples were collected form Hole TEC06-12 in June 2006 and submitted to Swastika Laboratories Ltd. in Swastika ("Swastika"), Ontario for gold analysis.

Bourlamaque, Expert and Swastika are not accredited laboratories but they are all independent of Hinterland, maintain internal quality control programs with duplicates, blanks and standards and participate annually in CANMET round-robin proficiency testing. The core samples were analyzed by Bourlamaque, Expert and Swastika for gold by conventional 30g fire assay-atomic absorption finish method. Samples above detection limits were re-assayed by gravimetric finish. The gold assay results from the three laboratories are included as Appendix D and as well as detailed descriptions of the analytical procedures followed as Appendix E.

Expert contracted out the multi-element geochemical analysis to Activation Laboratories Ltd. ("Actlabs") in Ancaster, Ontario for analysis. Actlabs is accredited to international quality standards through International Organization for Standardization/International Electro-technical Commission (ISO/IEC) 17025 (ISO/IEC 17025 includes ISO 9001 and ISO 9002 specifications) with CAN-P-1579 (Mineral Analysis) for specific registered tests by the Standards Council of Canada (SCC). The 70 samples were analyzed for 31 elements by Aqua Regia Digestion followed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP). The Actlabs results are included as Appendix D and a detailed description of the analytical procedure as Appendix E.

It is the Author's opinion that the sampling procedures, security measures, sample preparations and analytical methods applied to the drill core samples were diligently followed and are adequate to meet industry standards commonly accepted for this level of exploration. The Author has relied upon the adequacy and accuracy of the analytical results and independent verification has not been undertaken.

Drill Results

TEC06-11 and 12 were drilled well north of the unconformity contact between the Kinojevis Group volcanics to the north and the Timiskaming Group sediments to the south. TEC06-13 and 14 were drilled on the north margin of this contact. The rest of the holes were drilled well south of the contact within the Timiskaming sediments. None of the eight holes returned any notable gold intersections although numerous favourable intervals of quartz-carbonate veining and mineralization were encountered.

TEC06-11 was drilled to test an IP anomaly. It encountered primarily basalt flows with several narrow intervals of mafic tuff and gabbro dykes. No significant mineralization was noted.

TEC06-12 was drilled to test a coincident IP and MAG high anomaly tuff. It encountered mostly basalt with several narrow intervals of intermediate to mafic tuff. Unexpectedly a 75.9m interval of banded to massive sulphide was intersected from 85.7 to 161.6m. The character of the mineralization and surrounding alteration suggests the sulphide is volcanic massive sulphide-type ("VMS-type"). However no significant gold or base metal values were returned from this interval. The sulfide zone terminates near a 9.7m wide graphitic zone that marks the beginning of a 19.8m wide shear zone.

TEC06-13 was drilled to test a MAG high anomaly. It encountered mainly well-layered intermediate ash to lapilli tuff with occasional flow basalts up to 40m thick. No significant mineralization was noted.

TEC06-14 was drilled to test a MAG high anomaly. It encountered a diorite body with a relatively fresh core and margins showing weak carbonate, sericite alteration. The diorite intrudes intermediate tuffs with occasional flow basalts. No significant mineralization was noted.

TEC06-15 was drilled to test an IP anomaly. It encountered primarily well-bedded, clast-supported, polymictic conglomerate. In some places this unit grades into sandstone and there is possibly one layer of tuff towards the end of the hole. The banded rocks are cut occasionally by intrusive rocks including diorite and a dark reddish brown, porphyritic unit (syenite?) with strong, pervasive hematite alteration. No significant mineralization was noted.

TEC06-16 was drilled to test an IP anomaly. It encountered a complex interbedded mix of conglomerate, sandstone and siltstone. The sandstone and siltstone beds were found to be noticeably magnetic. Narrow intervals of flow basalt were found in the sedimentary rocks. The layered rocks are cut by occasional diorite and syenite. No significant mineralization was noted.

TEC06-17 was drilled to test an IP anomaly. It encountered mostly conglomerate with an interval of "Basal Grit" which resembles lapilli tuff. The conglomerate is marked by pervasive strong sericite, chlorite alteration. The Basal Grit is marked by 5-10% fine grained, disseminated pyrite in the matrix and as clasts.

TEC06-18 was drilled to test an IP anomaly. It encountered a section very similar to TEC06-17 with mostly conglomerate and an interval of Basal Grit. The conglomerate is marked by pervasive strong sericite, chlorite alteration. The Basal Grit is marked by 5-10% fine grained, disseminated pyrite in the matrix and as clasts. The hole ended in an interval of unusually strong sericite alteration.

Conclusions

The results of the drill program were disappointing in that none of the eight holes returned any notable gold intersections although numerous favourable intervals of quartz-carbonate veining and mineralization were encountered. Generally the known gold deposits are deeper moving east to west across the Kirkland Lake Gold Camp. The Teck property is on the western edge of the Camp and so it is to be expected that any significant gold mineralization will be located at depth rather than on surface. The presence of semi-massive to massive sulphide mineralization in TEC06-12, although barren, nonetheless opens up the Teck property to exploration for VMS-type targets.

Recommendations

No specific recommendations are offered in this report. Generally however, the lack of any significant gold results from the 2005 and the 2006 drill programs makes it clear that near surface gold deposits are unlikely to be found on the SW block of the Property. Rather, it seems from empirical evidence in the Kirkland Lake Camp that the best potential is at depths of 1000 to 2000m and will require a program of deep drilling at considerable expense. Hinterland has only completed two holes to date on the NE block. These holes are located in the far southwestern corner of the block so the block still holds plenty of near surface gold potential that must be investigated. Moreover the broad zone of sulphide mineralization intersected in one of the holes suggests that exploration directed at VMS-type mineralization must be completed on the NE block.

563,500 mE
564,000 mE
564,500 mE
5,332,500 mN
5,332,000 mN
5,331,500 mN
5,331,000 mN
N
3006382
TEC06-12
TEC06-11
3000425
L8628
TEC06-14
TEC06-13
HINTERLAND METALS INC.
TECK GOLD PROPERTY
2006 DDH Plan
NE Sheet
Date:14/3/2009
Author: MF
Office: Val d'Or
Drawing: 2009-02
Scale: 1:5000
Projection: UTM Zone 17 (NAD 83)
0
50
100
200
metres

562,500 mE
563,000 mE
563,500 mE
5,330,000 mN
5,329,500 mN
5,329,000 mN
5,328,500 mN
N
3013745
L8166
L7772
L6900
L3216
L6899
L3089
L16599
L16600
L16598
L1245
TEC05-06
TEC05-10
TEC06-15
TEC06-17
TEC06-16
TEC06-18

HINTERLAND METALS INC.

TECK GOLD PROPERTY

2006 DDH Plan
SW Sheet

Date:14/3/2009
Author: MF
Office: Val d'Or
Drawing: 2009-02
Scale: 1:5000
Projection: UTM Zone 17 (NAD 83)

0 50 100 200
metres

1000 N

1100 N

1200 N

1300 N

300 Elev.

200 Elev.

100 Elev.

TEC-11

Casing

Basalt

Mafic Pyroxt

Basalt

Gabbro

Basalt

300.00

TEC-11

Geological Legend

I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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540-B 3e ave, Val-d'Or
Québec, Canada, J9P 1S4
Tel : 819-874-0782
Fax : 819-825-8930
www.tech2mine.com

Hinterland Metals Inc.

Teck Property

Section of Hole TEC-11

Scale = 1:500

Revision 0

Supervised by: Mark Feket

Date : June 2006

0 N
100 N
200 N
300 N
400 N
300 Elev.
200 Elev.
100 Elev.
TEC-12 Casing
Basalt
Turbidstone
Basalt
Mafic Tuff
Basalt
Deformation
Pillowed Maf
181.00 TEC-12

Geological Legend

I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic Intrusion
IDB	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

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Dol	Dolomite
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Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong


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0 5 10 15 20 25

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Fax : 819-825-8930
www.tech2mine.com

Hinterland Metals Inc.
Teck Property
Section of Hole TEC-12

Scale = 1:500
Revision 0
Supervised by: Mark Feket
Date : June 200€



Geological Legend	
I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend	
FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong


Alteration Legend	
Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

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Fax : 819-825-8930
www.tech2mine.com

Hinterland Metals Inc.
Teck Property
Section L 3800 E - Hole TEC-13, TEC-14

Scale = 1:500
Revision 0
Supervised by: Mark Fekete
Date : June 2006



Geological Legend

I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.
Teck Property
Section L 2000 E - Hole TEC-15

Scale = 1:500
Revision 0
Supervised by: Mark Feket
Date : June 2006

1400 N
1500 N
1600 N
1700 N
300 Elev.
200 Elev.
100 Elev.

TEC-17-A
Casing
Conglomerate
Conglomerate
Intrusive
Conglomerate
Basal Grit
Conglomerate
TEC-17

TEC-16-A
Casing
Conglomerate
Lapilli Tuff
Dacite
Basalt
Rhyodacite
Conglomerate
TEC-16

Geological Legend

I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
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T2	Intermediate tuff

Structural Legend

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FRC	Fracture
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+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

0 5 5 10 15 20 25

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Hinterland Metals Inc.
Teck Property
Section L 1700 E - Hole TEC-16 TEC-17

Scale = 1:500
Revision 0
Supervised by: Mark Feketi
Date : June 200€

1400 N

1500 N

1600 N

1700 N

300 Elev.

200 Elev.

100 Elev.

TEC-18 A

Casing

Overburden

0.01

Conglomerate

0.00

90.00

Basal Grit

193.00

Conglomerate

0.01

Sulfur zone

0.00

TEC-18

Geological Legend

I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

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FAU	Fault
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Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

0 5 5 10 15 20 25

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Québec, Canada, J9P 1S4
Tél : 819-874-0782
Fax : 819-825-8930
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Hinterland Metals Inc.

Teck Property

Section L 1400 E - Hole TEC-18

Scale = 1:500

Revision 0

Supervised by: Mark Feketi

Date : June 200€

Appendix A - List of Claims

LARDER LAKE Mining Division - 401742 - HINTERLAND METALS INC.									
Township/Area	Claim or G No.	ML No.	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve
GRENFELL	3013745		2004-Apr-13	2011-Apr-13	A	100%	$1,200	$6,000	$6,451
TECK	3000303		2004-Mar-18	2011-Mar-18	A	100%	$400	$2,000	$0
TECK	3000361		2004-Jun-01	2011-Jun-01	A	100%	$1,200	$6,000	$10,762
TECK	3000362		2004-Jun-01	2011-Jun-01	A	100%	$400	$2,000	$2,159
TECK	3000363		2004-Jun-01	2011-Jun-01	A	100%	$2,000	$10,000	$7,162
TECK	3000396		2004-Feb-16	2011-Feb-16	A	100%	$800	$4,000	$0
TECK	3000425		2004-Feb-16	2011-Feb-16	A	100%	$800	$4,000	$4,301
TECK	3004560		2002-Oct-23	2011-Oct-23	A	100%	$800	$5,600	$21,700
TECK	3006381		2003-Aug-15	2010-Aug-25	A	100%	$400	$2,000	$0
TECK	3006382		2003-Aug-15	2010-Aug-25	A	100%	$800	$4,000	$301
TECK	3006383		2003-Aug-15	2010-Aug-25	A	100%	$400	$2,000	$0
TECK	3006385		2003-Sep-02	2010-Sep-02	A	100%	$2,000	$10,000	$0
TECK	3007516		2004-Mar-18	2011-Mar-18	A	100%	$2,800	$14,000	$0
TECK	3007538		2004-Feb-16	2011-Feb-16	A	100%	$2,000	$10,000	$0
TECK	3008035		2003-Feb-11	2011-Feb-11	A	100%	$800	$4,800	$0
TECK	3009237		2003-Jul-18	2011-Jul-18	A	100%	$800	$4,800	$0
TECK	3013729		2004-Mar-19	2011-Mar-19	A	100%	$2,400	$12,000	$0
TECK	3013746		2004-Apr-13	2011-Apr-13	A	100%	$400	$2,000	$2,150
TECK	3013879		2004-Feb-16	2011-Feb-16	A	100%	$400	$2,000	$0
TECK	3013990		2004-Dec-03	2010-Dec-03	A	100%	$800	$3,200	$311
TECK	3013991		2004-Dec-03	2010-Dec-03	A	100%	$400	$1,600	$0
GRENFELL	8080082	L 3216							$17,733
TECK	8080127	L6810							$2,174
TECK	8080128	L 6811							$1,316
GRENFELL	8080129	L.1245							$2,425
GRENFELL	8080130	L 3089							$15,475
GRENFELL	8080131	L 6899							$2,692
GRENFELL	8080133	L 6900							$1,273
GRENFELL	8080135	L 7772							$1,946
GRENFELL	8080136	L 10581							$825
GRENFELL	8080137	L16598							$2,403
GRENFELL	8080138	L10599							$2,458
GRENFELL	8080139	L16600							$2,469
TECK	8080140	L 3190							$11,698
GRENFELL	8080141	L 6896							$1,523
GRENFELL	8080142	L 8163							$2,387
GRENFELL	8080143	L 8166							$1,489
GRENFELL	8080144	L 8328							$1,658
TECK	8080146	L 6149							$1,209
TECK	8080147	L 6784							$27,554
TECK	8080148	L 6785							$18,756
TECK	8080149	L8628							$358
TECK	8080150	L8629							$2,284
GRENFELL	na	L 6898							$0
GRENFELL	na	L 6958							$0

Appendix B - 2006 DDH Summary Table

ID	Type	Start	Finish	Claim	UTM Zone	UTM mE	UTM mN	Grid mE	Grid mN	Elev. (m)	Dip°	Azi°	Depth (m)
TEC-011	Core NQ	29-Mar-06	1-Apr-06	3006382	NAD83 17	564200	5332560	na	na	350	-50	315	200.0
TEC-012	Core NQ	3-Apr-06	5-Apr-06	3006382	NAD83 17	564200	5332690	na	na	350	-50	315	100.0
TEC-013	Core NQ	23-Feb-06	27-Feb-06	L8629	NAD83 17	564028	5330945	3800	2240	327	-50	310	220.9
TEC-014	Core NQ	28-Feb-02	2-Mar-06	L8629	NAD83 17	563854	5330970	3700	2360	308	-50	315	91.9
TEC-015	Core NQ	3-Mar-06	11-Mar-06	L3089	NAD83 17	563129	5329314	2100	1680	346	-55	315	209.2
TEC-016	Core NQ	20-Mar-06	24-Mar-06	L16600	NAD83 17	563052	5328953	1700	1440	345	-50	315	117.0
TEC-017	Core NQ	13-Mar-06	20-Mar-09	L6899	NAD83 17	562933	5329105	1700	1640	351	-50	315	109.9
TEC-018	Core NQ	24-Mar-06	28-Mar-06	L16599	NAD83 17	562731	5328764	1300	1480	340	-50	315	127.0
													1175.9

Appendix C - Drill Core Logs

Hinterland Metals Inc.

DDH: TEC-11

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/03/29
Drilled To: 2006/04/01
Description Date: 2006/03/30

Collar

Azimuth	315.00°
Dip	-50.00°
Length	200.00m
Casing	10.70m

Coordinate System: UTM NAD 83

East	564200.00
North	5332560.00
Elevation	350.00

Grid Location:
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	100.00m	0.00°	-49.00°
Acid	200.00m	0.00°	-48.00°

Comments: Test IP anomaly
Basalt, commonly fractured and cemented with chl. Small faults near beginning of interval. 2.5m gabbroic dyke near bottom of interval. Py commonly in veins, rare po, cpy also present.

Hinterland Metals Inc.

Description			Assays				
			S_from	S_to	Sample	Width	Au (g/t)
0.00	**10.70**	**Casing**					
10.70	**110.20**	**Basalt**	31.00	32.00	33401	1.00	0.00
		-Light blue-grey	32.00	33.00	33402	1.00	0.00
		-Fine grained, rare cm xenoliths	33.00	33.70	33403	0.70	0.01
		-Aphanitic texture, vesicular to amygdaloidal structure	35.65	36.30	33404	0.65	0.00
		-core is bleached, weak pervasive ser?	36.30	36.65	33405	0.35	0.01
		-3-5% pyrite and pyrrhotite +- pentlandite, rare chalcopyrite	37.70	38.70	33406	1.00	0.01
		-Cluster and fine grained Pyrite occurs on fracture faces, as well as	38.70	39.70	33407	1.00	0.00
		disseminated throughout core	39.70	40.70	33408	1.00	0.00
		-Pyrrhotite +- pentlandite occurs in sulfide veins, disseminated and qtz/cb	44.00	45.00	33409	1.00	0.01
		veins	45.00	45.60	33410	0.60	0.01
		-Chalcopyrite occurs primarily in qtz/cb veins	45.60	45.85	33411	0.25	0.00
		-5% qtz and qtz/cb veins	46.00	47.00	33412	1.00	0.00
			47.00	48.00	33413	1.00	0.01
		15.50-17.50 Qtz Veins	48.00	48.55	33414	0.55	0.00
		-White mm-cm qtz/cb veins @ 35°, no visible sulfides	48.55	48.75	33415	0.20	0.00
			48.75	49.50	33416	0.75	0.00
		22.70-25.50 Po	49.50	50.50	33417	1.00	0.00
		-3% disseminated po, replacement in amydules	50.50	51.50	33418	1.00	0.00
			51.50	52.50	33419	1.00	0.00
		31.90-33.70 Shear Zone	52.50	53.50	33420	1.00	0.00
		-Grey qtz and ser veins ribbon throughout @ ~60-80°	53.50	54.50	33421	1.00	0.00
		-Core is fractured, offset veins	54.50	55.10	33422	0.60	0.00
		-Fractures filled with py, po and chl	55.10	56.00	33423	0.90	0.01
		-Up to 15% py, 1% po	56.00	57.00	33424	1.00	0.00
		-Top and bottom contacts are missing	57.00	58.00	33425	1.00	0.00
			58.00	59.00	33426	1.00	0.01
		34.50-34.60 Gouge	59.10	60.10	33427	1.00	0.00
		-Grey gouge, contains basalt fragments	60.10	61.10	33428	1.00	0.00
		-Local carb alteration	63.10	64.10	33429	1.00	0.01
			65.00	66.00	33430	1.00	0.00
		36.55-36.65 Shear Zone @ 60°	70.55	71.15	33431	0.60	0.01
		-Grey qtz and ser ribbons	71.55	72.55	33432	1.00	0.00
		-10% py, 1% po	82.90	83.90	33433	1.00	0.00
		-Weak shear?	83.90	84.30	33434	0.40	0.00

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
	90.65	91.65	33435	1.00	0.00	
37.75-37.85 Qtz vein	102.90	103.40	33436	0.50	0.01	
-White 10 cm qtz/cb vein, contains fragments of basalt, no visible	107.30	108.30	33437	1.00	0.00	
sulfides						
37.85-39.7 Py						
-10% disseminated and cluster py in core						
45.15-45.60 Qtz vein						
-White qtz/cb vein with 5% cluster py						
-contains basalt fragments						
45.60-45.85 Fault						
-Core is highly fractured, 20% gouge with basalt fragments						
-5% disseminated py						
-Top contact @ 30°, bottom contact missing						
48.55-48.75 Qtz vein						
-White qtz/cb vein, 3% py, 3% po						
50.50-55.10 Py						
-5% disseminated cluster py, 1% po						
55.95-56.00 Py Vein						
-cm massive sulfide vein @ 80°						
-Local ser alteration around and in vein						
59.25-59.70 Qtz vein						
-Qtz/cb vein system, core is bleached, local ser moderate ser alteration						
-15% cluster py, 3% po						
62.00-65.70 Flow structure						
-Eliptical structures surrounded by sediments, 10-30 deg						
-Pillows?						
65.80-71.20 Po						
-Po is dominant sulfide at 10%, py at 5%						
71.20-73.00 Lapilli Tuff						
-Light grey color, fragmental						
-5% py, 5% po in mm veins perpendicular to CA						
75.00-78.00 Chert Nodules						
-Blue-grey chert nodules						
82.80-84.20 Fault zone						
-Quartz and ser interwoven with fragments of basalt						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Top contact @ 20 deg						
		84.20-85.40 Fault						
		-Top contact is gouge @ 30 deg to CA						
		-Core is fragmented and covered with gouge, abundant muscovite						
		93.90-95.10 Cb						
		-Cb coating on fractures						
		102.25-103.30 Breccia						
		-Core is bleached and brecciated. Fragments cemented by black hard						
		mineral. Qtz?						
		-5% po, 1% cpy in matrix						
		-5% mm qtz veins @ 80° to CA						
		-bottom contact @ 50°						
		-Lapilli Tuff?						
		105.80-107.90 Breccia						
		-Similar to above						
110.20	**122.40**	**Mafic Pyroclastics**	110.20	111.20	33438	1.00	0.01	
		-Blue-grey with black matrix	111.20	112.20	33439	1.00	0.00	
		-Matrix is very fine grained, clasts are mm to cm	112.20	113.20	33440	1.00	0.01	
		-Brecciated, matrix supported	113.20	114.20	33441	1.00	0.00	
		-Local moderate bleaching of core, ser?	114.20	115.20	33442	1.00	0.01	
		-5% massive po in matrix, 3% cluster py associated with po, 3% cubic py	115.20	116.20	33443	1.00	0.00	
		throughout	116.20	117.20	33444	1.00	0.00	
		-No significant veining	120.20	121.20	33445	1.00	0.00	
		-Core is hard, weakly silicified						
		-CBA 60°						
		-Lapilli Tuff?						
		110.40-115.60 Po, Py						
		-10-20% massive granular po, 5-10% cluster py associated						
		-Po in matrix, cluster py in both matrix and fragments, cubic py is 90% in						
		basalt fragments						
		119.70-119.90 Alteration						
		-Core is stained purple, vesicles are filled with clear qtz						
		-Very hard, silcified						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		118.30 CBA 60°						
		120.20 CBA 30°						
		121.50 CBA 45°						
122.40	**143.20**	**Basalt**	133.00	134.00	33446	1.00	0.00	
		-more silicified than previous unit						
		-brecciation/fractures common, very fine grained, hard, black cement/matrix						
		-Amygdaloidal structure less prominant						
		-20% stockwork, white, qtz veins, no preferred orientation						
		-trace py in veins						
		-silicfication more intense locally						
		-1% fine grained disseminated py, 1% granular po						
		124.60 CBA 60°						
		134.20-143.20 Qtz veins						
		-veining reduced to 1% of the core, healed fractures 30% of core						
143.20	**145.55**	**Gabbro**						
		-Green						
		-Medium Grained						
		-Phaneritic texture						
		-Top contact 50°						
		-Bottom contact wavy, 80°						
145.55	**200.00**	**Basalt**	157.00	158.00	33447	1.00	0.01	
		-Grey	174.55	175.00	33448	0.45	0.00	
		-Fine grained						
		-Commonly fractured and healed with black cement						
		-brecciation also common (Lapilli tuff or brittle deformation?)						
		-moderate pervasive silicification, locally strong						
		-1-3% fine grained cluster py and po						
		-3% mm white qtz veins						
		-mm to cm black, spherical to irregular shaped blebs replacing and overprinting						
		core. Very fine grained, much harder than knife blade and surrounding rock.						
		Commonly associated with po.						
		150.20-151.80 Breccia						
		-Fine grained black matrix, clast supported						

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
-lapilli tuff?						
153.00-154.20 Breccia						
-same as above						
161.10-163.50 Amygdaloidal Basalt						
-Amygdaloidal structure is prominent						
165.00 Foliation 40.00°						
-1 cm of foliated material						
171.50-171.80 Breccia						
-same as above						
174.55-175.00 Qtz vein 30.00°						
-cm white qtz veins containing 3% po and 1% cpy						
-Surrounding core is bleached white, very hard, local strong silicification						
176.40-177.80 Breccia						
-Same appearance as above						
-Top contact @ 50°, Bottom at 35°						
182.00-182.75 Silcification						
-Core is bleached white, very hard						
-Local strong silicification						
183.20-185.90 Qtz veins 45.00°						
-White sheeted mm qtz veins @ 45° to CA						
-no visible sulfides						
191.80-192.10 Silcification						
-Core is bleached white, very hard						
-Local strong silcification						
200.00 200.00 EOH						

Hinterland Metals Inc.

DDH: TEC-12

Drilled by: Rick Yost Drilling
Geologist: T.Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/04/03
Drilled To: 2006/04/05
Description Date: 2006/04/03

Collar

Azimuth	315.00°
Dip	-50.00°
Length	100.00m
Casing	1.90m

Coordinate System: UTM NAD 83

East	564200.00
North	5332690.00
Elevation	350.00

Grid Location:
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	100.00m	0.00°	-49.00°

Comments: Test IP and Mag anomaly
5-10% py, po found throughout interval. 85.70 - 161.60 15-40% sulfides, locally massive below 110.90m in silcified basalt. Zone is weakly magnetic. Sulfide zone terminated near 8m graphitic deformation zone. Basalt continues below deformation zone. Sulfides are 1% below this zone.
Casing in place, pictures of hole exist.

Hinterland Metals Inc.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**1.80**	**Casing**						
1.80	**12.40**	**Basalt**	10.50	11.50	33449	1.00	89.00	
		-Grey						
		-Fine grained						
		-Apahanitic texture						
		-Moderate pervasive silcification						
		-5% fine grained massive pyrite and pyrrhotite						
		-1% qtz/cb veins, cb veinlets also common						
		-amygdaloidal structure present in 20% of core						
		-Core is often fractured/brecciated and cemented with carbonate						
		1.80-8.90 Basalt						
		-fractures are stained with limonite						
		-Vesicular structure prominent						
12.40	**17.10**	**Tuff/Sediment**						
		-Light grey						
		-Fine grained						
		-Aphanitic texture						
		-Strong pervasive silicification						
		-No visible sulfides						
		-5% qtz/cb veins @ 40° to CA						
		-grey qtz eyes						
17.10	**53.95**	**Basalt**	20.00	21.00	33450	1.00	20.00	
		Silcified Basalt, similar to previous	21.00	22.00	33451	1.00	20.00	
			22.00	23.00	33452	1.00	22.00	
		20.00-22.80 py,po	28.50	29.00	33453	0.50	8.00	
		-10-15% massive fine grained py, 1% po	32.55	33.55	33454	1.00	10.00	
		-replacement of amydules common	33.55	34.05	33455	0.50	20.00	
			35.90	36.90	33456	1.00	11.00	
		28.50-29.05 Qtz vein	38.00	39.00	33457	1.00	8.00	
		-10° white qtz/ser vein.	44.85	45.85	33458	1.00	6.00	
		-3% cluster py	45.85	46.85	33459	1.00	0.00	
		-contains fragments of host rock, shear?						
		32.55-34.05 Py, po						
		-7% massive fine grained py, 3% fine grained po						
		-Bottom contact @ 30° to CA, flow structure?						
		35.90-37.05 Py, Po						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-5% massive fine grained py, 5% massive fine grained po						
		-core is fractured, po tends to follow fractures, surround py						
		38.00-39.00 Py, Po						
		-Same as above						
		41.30-42.40 Mineralization						
		-Black cm spherical mineralization						
		-Very hard, white rims, contain fragments of surrounding core						
		44.85-46.55 Foliation						
		-Foliation 40-50°, @ 45.60 foliation 160°						
		-3% cluster py, 7% fine grained granular po						
		-Fold						
		46.85-47.80 Mineralization						
		-Black cm spherical mineralization						
		-Very hard, white qtz rims, contain fragments of surrounding core						
		49.80-51.95 Qtz vein						
		-White qtz cb veins @ 40° to CA						
		-fractures filled with cb cement						
53.95	**62.44**	**Mafic Tuff**	56.85	57.85	75069	1.00	10.00	
		-Light grey with black matrix	57.85	59.00	75070	1.15	0.00	
		-Fine grained matrix, lapilli mm to cm, rare dm	60.75	61.05	33460	0.30	0.00	
		-Lapilli show moderate silicification						
		-1% py/po on fractures, in cb veins						
		-1% white qtz cb veins						
		-Bottom contact @ 50°, top contact is brecciated.						
		-CBA 50°						
		-Lapilli tuff, or brecciated by fluid intrusion?						
		60.75-60.85 Qtz vein 50.00°						
		-Grey qtz/cb vein @ 50°						
		-3% po in vein, trace cpy associated						
62.44	**164.50**	**Basalt**	75.00	76.00	33461	1.00	6.00	
		-Silicified Basalt	76.00	77.00	33462	1.00	6.00	
			77.00	78.00	33463	1.00	5.00	
		65.05-65.70 Lapilli Tuff	78.00	79.00	33464	1.00	0.00	
		-Similar to above interval	79.00	80.00	33465	1.00	10.00	
		-Top contact @ 60°, bottom contact @ 90°	84.95	85.95	33466	1.00	0.00	

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
	86.00	87.00	75071	1.00	0.00	
70.10-71.10 Lapilli Tuff	87.00	88.00	75072	1.00	10.00	
-Similar to above interval	88.00	89.00	75073	1.00	10.00	
-Top contact 10°, bottom contact @ 60°	89.00	90.00	33467	1.00	5.00	
	90.00	91.00	33468	1.00	6.00	
7110-74.50 Mineralization	91.00	92.00	33469	1.00	5.00	
-cm Black spherical mineralization	92.00	93.00	33470	1.00	5.00	
-Very hard, white qtz rims, contain fragments of surrounding	93.00	94.00	33471	1.00	0.00	
core						
	94.00	95.00	33472	1.00	0.00	
75.20-77.60 Py, Po	95.00	96.00	33473	1.00	0.00	
-5% fine grained cluster py, 5% fine grained whispy po	96.00	97.00	33474	1.00	5.00	
	97.00	98.00	33475	1.00	0.00	
79.00-80.00 Py, Po	98.00	99.00	33476	1.00	6.00	
-3% fine grained cluster py, 7% fine grained cluster po	99.00	100.00	33477	1.00	5.00	
-Py tends to be surrounded by po	100.00	101.00	33478	1.00	0.00	
	102.00	103.00	75074	1.00	20.00	
81.40-84.90 Qtz,Cb	103.00	103.65	75075	0.65	0.00	
-Core is fractured and healed with qtz/cb cement	103.65	104.65	33479	1.00	6.00	
-1-3% fine grained cluster py and po	104.65	105.65	33480	1.00	0.00	
	105.70	107.00	75076	1.30	0.00	
85.70-85.80 Qtz vein	107.00	107.65	33481	0.65	0.00	
-White qtz with foliated ser vein @ 65°	107.65	109.17	75077	1.52	0.00	
-15% cluster py in vein	109.15	110.45	33482	1.30	0.00	
-weak shear?	110.45	111.15	33483	0.70	0.00	
	111.15	111.75	33484	0.60	7.00	
90.45-90.55 Qtz vein	114.00	115.00	75078	1.00	0.00	
-White qtz vein @ 45°	118.00	118.80	33485	0.80	0.00	
-3% py in selvages	119.90	120.70	33486	0.80	6.00	
	121.50	122.50	33487	1.00	0.00	
92.00-100.70 Py, Po	123.30	124.30	33488	1.00	6.00	
-8% fine grained disseminated py, 7% fine grained	124.30	125.30	33489	1.00	0.00	
disseminated po, occ.						
massive	125.30	126.30	33490	1.00	5.00	
	126.70	127.70	33491	1.00	10.00	
103.65-105.10 Py, Po	128.00	129.00	33492	1.00	0.00	
-8% fine grained dissemianted py, 7% fine grained	129.50	130.50	33493	1.00	0.00	

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
disseminated po, occ.						
massive	132.80	133.80	33494	1.00	11.00	
	133.80	134.60	33495	0.80	6.00	
105.10-105.40 Qtz veins	135.20	135.80	33496	0.60	11.00	
-White cm qtz/ser veins @ 50°	135.80	136.50	33497	0.70	36.00	
-1% py in ser selvages	137.00	137.40	33498	0.40	26.00	
	138.05	139.05	33499	1.00	8.00	
107.10-110.60 Py, Po	143.00	144.00	33500	1.00	10.00	
-8% fine grained disseminated py, 7% fine grained	144.00	144.65	75051	0.65	12.00	
disseminated po, occ.						
massive	145.35	146.00	75052	0.65	34.00	
	146.35	147.25	75053	0.90	18.00	
110.60-110.90 Py	147.80	148.40	75054	0.60	36.00	
-40% massive fine grained py	151.00	152.00	75055	1.00	30.00	
-Weakly magnetic, po likely present	152.00	153.00	75056	1.00	48.00	
-core is bleached, strong silica alteration around py	154.40	155.20	75057	0.80	37.00	
	155.20	156.20	75058	1.00	10.00	
118.00-120.70 Py	159.20	160.20	75059	1.00	36.00	
-20-30% fine grained massive and disseminated py	160.60	161.50	75060	0.90	48.00	
-1% fine grained disseminated po present with						
disseminated py, absent with						
massive py.						
-Core is fractured and cemented with qtz						
121.50-122.50 Py						
-20-30% fine grained massive and disseminated py						
123.30-129.40 Py						
-20-30% fine grained massive and disseminated py						
129.40-130.95 Silicification						
-Core is light grey, harder than surrounding intervals						
-5% white cm qtz veins @ 35°						
-130.05 10cm grey qtz vein with fragments of host rock						
-No visible sulfides in veins						
133.60-139.05 Py						
-20-30% fine grained massive and disseminated py						
142.10-142.25 Qtz vein						
-45 deg White qtz vein with fragments of host rock						
-5% fine grained massive py in the fragments, no sulfides in						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		vein itself						
		143.55-146.20 Alteration						
		-Core is light grey, hard, amydaloidal structure visible						
		-145.70 10 cm qtz/ser vein @ 30°, 10% fine grained py in vein likely						
		from host rock						
		146.35-148.20 Py						
		-20-30% fine grained massive and disseminated py						
		151.00-153.00 Py						
		-20-30% fine grained massive and dissemianted py						
		155.20-156.60 Qtz vein						
		-grey Qtz/ser veining containing fragments of host rock. No preferred						
		orientation						
		-5% cubic and fine grained disseminated pyrite in the qtz						
		-Top contact foliated @ 30°						
		-Bottom contact @ 90°						
		156.60-160.05 Brecciation						
		-Core is light grey, fractured and cemented by qtz						
		-3% fine grained cluster py associated with fragments						
		-10% cb veins @ 80° to CA						
		160.60-161.60 Py						
		-10% fine grained dissemianted py						
		-weakly magenetic, 1% po						
		161.60-164.50 Qtz veins						
		-Qtz cb veins @ 75-85°						
		-No visible sulfides						
164.50	**184.25**	**Deformation Zone**	164.50	165.50	75061	1.00	24.00	
		-Grey fragments in a black matrix	165.50	166.50	75062	1.00	14.00	
		-Matrix is fine grained, fragments mm to rare dm	166.50	167.50	75063	1.00	19.00	
		-weak local cb alteration	167.50	168.50	75064	1.00	15.00	
		-5% fine grained disseminated py	168.50	169.50	75065	1.00	9.00	
		-20% cb veinlets, no preferred orientation	169.50	170.05	75066	0.55	10.00	
		-Deformation is not continuous throughout the entire zone,	172.00	172.80	75067	0.80	24.00	
			179.45	180.45	75068	1.00	10.00	
		166.60-170.05 Graphitic						
		-Deformation is more intense, fragments are mm to cm,						

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
angular -Matrix is black, shiny, greasy feel - Graphitic -3% disseminated cubic and cluster pyrite -Foliation -@166.60 50° -@166.80 30° -@164.50 10° 170.05-172.00 Basalt -Core is grey green -Local carb alteration is increased to 10% of core -Foliation @ 10° -amygdules 172.00-173.35 Graphitic -Deformation is more intense, fragments are mm to cm, angular -Matrix is black, shiny, greasy feel - Graphitic -1% disseminated fine grained and cubic pyrite -Foliation is rare @ 172.50 40° 173.35-174.80 Basalt -Core is grey green -Local carb alteration is increased to 10% of core -Possible amygdules, Greenstone? 174.80-176.30 Graphitic -Deformation is more intense, fragments are mm to cm, angular -30% carb veins and veinlets, no preferred orientation -Matrix is black, shiny, greasy feel - Graphitic -Foliation -@174.80 10° -@175.50 30° 176.30-179.10 Basalt -Grey green, visible amydules -Core is brecciated, black fine grained matrix -1% fine grained py in fractures 179.10-184.25 Basalt -Light brown, strong pervasive silicification -Amydules visible						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-40% qtz/cb replacement and veins. No preferred orientation -1% fine grained disseminated py						
184.25	**191.00**	**Pillowed Mafic** -Grey -Fine grained -Aphanitic texture -Moderate pervasive silicification -10% mm white qtz veins @ 35°, 1% cluster py and po present in veins -Pillow structures visible -Amydules present, pillow basalt						
191.00	**191.00**	**EOH**						

Hinterland Metals Inc.

DDH: TEC-13

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/02/23
Drilled To: 2006/02/27
Description Date: 2006/03/02

Collar

Azimuth	310.00°
Dip	-50.00°
Length	220.90m
Casing	2.10m

Coordinate System: UTM NAD 83

East	564028.00
North	5330945.00
Elevation	327.00

Grid Location: 2240N 3800E
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	100.00m	0.00°	-48.00°

Comments: Test Mag anomaly
Greywacke/lapilli tuff, with beds of calc alkaline basalt. Hole ends in basalt. Chl common in veins and on fractures. weak hem alteration present in margins of calc alkaline basalt. 1% fine grained py in veins

Hinterland Metals Inc.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**2.10**	**Casing**						
2.10	**24.90**	**Lapilli Tuff**	2.10	3.10	7851	1.00	0.02	
		-Dark green matrix, pale green lapilli, matrix supported	13.10	14.10	7852	1.00	0.01	
		-Pervasive medium carbonate alteration	14.10	15.10	7853	1.00	0.03	
		-Weak to medium bedding, fine grained tuff bands						
		-1-2% fine grained pyrite throughout						
		-CBA @ 70°						
		7.90-14.10 Lapilli Tuff						
		-Pale grey						
		- fine grained						
		-weakly bedded						
		-CBA @ 70.0°						
24.90	**31.20**	**Intermediate Tuff**						
		-pale grey color						
		-fine grained						
		-weakly bedded						
		-occasional lapilli fragments						
		-weak pervasive carbonate-sericite alteration						
		-1-2% disseminated fine grained pyrite						
		-CBA @ 70°						
31.20	**43.30**	**Intermediate Tuff**	33.30	33.70	7854	0.40	0.01	
		-Pale green color	33.70	34.70	7855	1.00	0.05	
		-fine grained						
		-crackle breccia, grey chlorite veinlets						
		-pervasive medium sericite alteration						
		-1-2% fine gr disseminated pyrite, common in chlorite veinlets						
		33.30-33.70 Qz Cb vein 20.0°						
		-2% fine gr py in vein						
43.30	**82.50**	**Intermediate Tuff**	54.60	54.70	7856	0.10	0.02	
		-Pale grey color	55.60	56.60	7857	1.00	0.20	
		-fine grained	56.60	57.60	7858	1.00	0.10	
		-well bedded, occasional lapilli fragment	57.60	58.60	7859	1.00	0.02	
		-weak pervasive carbonate-sericite alteration	58.60	59.40	7860	0.80	0.08	
		-mnr fine grained disseminated pyrite	63.60	63.90	7861	0.30	0.01	
		-49.60-49.80 Index Sample	65.60	66.30	7862	0.70	0.04	
			66.30	67.00	7863	0.70	0.14	
		52.30-52.70 Alt	71.40	71.90	7864	0.50	0.02	

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Angular apple green fragments in dark green matrix	76.30	76.90	7865	0.60	0.01	
		55.60-59.40 Fold						
		-Possible fold						
		-10% qtz cb veinlets						
		-3% med gr disseminated py						
		63.60-63.90 Shear 70.00°						
		-Strong shearing						
		-10% qtz cb fragments						
		-3% fine grained pyrite in qtz						
		65.60-67.00 Shear70.00°						
		-Strong shearing						
		-10% qtz cb veins/fragments						
		-3% fine graiend pyrite in qtz						
		76.55-76.90 qtz-carb-vein 20.00°						
		-no visible sulfides						
82.50	**121.50**	**Calc Alkaline Basalt**	89.50	90.50	7866	1.00	0.01	
		-Dk greek color	96.60	97.60	7867	1.00	0.26	
		-Fine to medium grained	100.10	101.10	7868	1.00	0.01	
		-Weak pervasive carbinate alteration	102.60	103.40	7869	0.80	0.01	
		-Hematite found in qz-cb veins, also stains fracture faces	109.90	110.50	7870	0.60	0.01	
		-« Found in selvages py 1.00%», « Trace cpy 0.50%»	112.90	113.90	7871	1.00	0.01	
		-Core is weakly magenetic	114.56	115.56	7872	1.00	0.01	
		-Calc Alkaline Basalt?	116.20	117.20	7873	1.00	0.01	
			117.20	118.20	7874	1.00	0.01	
		82.50-121.50 cpy 1.00%	118.20	119.20	7875	1.00	0.01	
		-Found in qtz vein selvages	119.20	120.20	7876	1.00	0.01	
			120.20	121.20	7877	1.00	0.01	
		100.90-113.45 Diorite						
		-Dk green color						
		-med gr						
		- local chlrotic fracture fill						
		-contacts appear gradational						
		-medium grained Calc Alkaline Basalt?						
121.50	**172.90**	**Intermediate Tuff**	125.90	126.90	7878	1.00	0.01	
		-Dk grey color	126.90	127.90	7879	1.00	0.01	
		-Fine gr	130.40	131.40	7880	1.00	0.01	
		-aphanitic	131.40	132.40	7881	1.00	0.01	

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Weak pervasive cb and sericite alt	134.00	134.40	7882	0.40	0.02	
		-Chlorite fill in fractures	135.00	136.00	7883	1.00	0.01	
		- « fine grained, disseminated, in selvages py 1.00%»	136.00	137.00	7884	1.00	0.01	
		- « Veins grey qtz, mnr cb, hem, py in selvages qtz 10.00%»	137.00	138.00	7885	1.00	0.01	
			138.00	139.00	7886	1.00	0.01	
		121.50-172.00 qtz-carb-vein 25.00	139.00	140.00	7887	1.00	0.02	
		-mnr cb alteration	145.40	146.40	7888	1.00	0.02	
		-mnr hem alteration	146.40	147.10	7889	0.70	0.02	
		-10% fine grained disseminated py in selvages	148.00	148.50	7890	0.50	0.02	
			152.26	152.98	7891	0.72	0.01	
		131.10-140.10 Breccia	158.00	158.60	7892	0.60	0.00	
		-Crackle Breccia	159.30	159.90	7893	0.60	0.01	
		-cemented by chlorite	160.50	161.20	7894	0.70	0.00	
		-cement contains 1% fine grained dissemianted py	163.70	164.70	7895	1.00	0.00	
			164.70	165.30	7896	0.60	0.00	
		137.90-138.00 Qtz	165.90	166.90	7897	1.00	0.00	
		-fracture fill	168.26	169.26	7898	1.00	0.00	
		-Growth rings visible	169.26	170.26	7899	1.00	0.00	
		-hematite staining present						
		-cm selvages						
		-mnr carb in centre of growth rings						
		143.30-144.40 Pisolitic						
		-1% pyrite replacement						
		144.40-146.40 Shear 40.00°						
		-Sheared, brecciated						
		-chl filled fractures						
		- tourmaline in fractures						
			172.20	173.20	7900	1.00	0.00	
172.90	**220.90**	**Basalt**	173.20	174.20	7901	1.00	0.00	
		-Dark Grey color	174.20	175.20	7902	1.00	0.03	
		-Fine grained	175.30	176.30	7903	1.00	0.00	
		-Aphanitic, to locally porphoritic	176.70	177.70	7904	1.00	0.00	
		-weak local chloritic alteration, weak cb may be assosiated	180.40	180.90	7905	0.50	0.00	
		-1% pyrite in veins	193.10	193.60	7906	0.50	0.00	
		-10% qtz-cb veins	194.00	195.00	7907	1.00	0.03	
		-Core is strongly magnetic	209.50	210.00	7908	0.50	0.01	
			210.80	211.40	7909	0.60	0.00	

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		172.90-174.80 Qtz/cb	215.44	216.34	7910	0.90	0.02	
		-fracture fill						
		-no preferred orientation						
		175.45 -199.60 py 1.00%						
		-mm to cm pyrite						
		-cubic (mm to cm) or massive texture (mm)						
		-some repalcement of py						
		209.60-209.65 qtz-carb-vein 0.00°						
		-growth rings present						
		-qtz in outer rings, carb fills central rings						
		-chl in selvage						
		EOH						
220.90	**220.90**	**EOH**						

Hinterland Metals Inc.

DDH: TEC-14

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/02/28
Drilled To: 2006/03/02
Description Date: 2006/03/05

Collar

Azimuth	315.00°
Dip	-50.00°
Length	91.90m
Casing	17.40m

Coordinate System: UTM NAD 83

East	563854.00
North	5330970.00
Elevation	308.00

Grid Location: 2360N 3700E
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	91.00m	0.00°	-49.00°

Comments: Test Mag anomaly
Volcanics and intrusives. Basalt with many mafic and felsic intrusives. Moderate hem staining present at margins of diorite intercal. No significant mineralization

Hinterland Metals Inc.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**17.37**	**Casing**						
17.37	**19.60**	**Intermediate Tuff**	18.33	18.80	7911	0.47	0.01	
			19.50	20.50	7912	1.00	0.00	
		-Dark grey color,						
		-Fine grained						
		-Aphanitic texture						
		-Weak pervasive cb and chl alteration						
		-1% fine grained py, both disseminated througout core, and in veins						
		-10% qtz-cb veins @ 30 deg						
		18.90-19.30 Fracture						
		-Highly fractured						
		-poor recovery						
		-strong ser alteration on fracture faces						
19.60	**56.80**	**Diorite**	20.50	21.50	7913	1.00	0.01	
		-Light green colour	21.50	22.30	7914	0.80	0.01	
		-Medium grained	31.60	32.60	7915	1.00	0.01	
		-Phaneritic to locally porphoritic	41.30	41.90	7916	0.60	0.02	
		-Weak pervasive chl alt, local ser alt	43.50	43.90	7917	0.40	0.01	
		-1% fine gr py in veins	44.50	45.50	7918	1.00	0.01	
		-Calc Alkaline Basalt?	45.50	46.50	7919	1.00	0.01	
			46.50	47.50	7920	1.00	0.01	
		19.70-22.30 qtz-carb-vein 30.00°	48.30	48.85	7921	0.55	0.01	
		-Veins are grey qtz and white cb	52.60	53.00	7922	0.40	0.01	
		-hemitite in selvages	53.10	53.75	7923	0.65	0.01	
			55.50	56.50	7924	1.00	0.01	
		22.30-28.80 Fracture						
		-Core is fragmented						
		-recovery is poor <20%						
		-strong pervasive ser alt						
		-no visible qtz veins or sulfides.						
		28.90-40.00 Porphoritic						
		-phenocrysts are plag						
		-crystals show orientation of 50 deg						
		- 3% qtz/ser veins 30.00°						
		41.70-41.80 qtz-carb-vein 50.00°						
		-Grey qtz and white cb						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-3% fine grained disseminated py -hem in selvage 41.90-42.90 Porphoritic -similar to pervious unit -veins are tension gashes 40.00° -1% disseminated fine grain py 44.90-48.40 qtz-vein 30.00° -Stockwerk vein system -Qtz is grey, often stainied purple (hem?) -3% fine grained disseminated or clustered py -crosscut by later stage cb veins 220.00° 48.40-48.70 Tuff -Dark grey -fine grained -highly fractured -weak pervasive cb alt -1% fine grained py in tension veins 52.60-53.00 qtz-carb-vein 30.00° -5mm wide qtz/cb vein -apple green in colour with visible growth bands -5% dissemintated py 53.15-52.95 qtz-carb-vein 30.00° -1cm grey qtz/ white cb vein -3% fine gr disseminated and cluster py -hem and chl in selvages						
56.80	**62.75**	**Intrusive** -Grey to light brown color -Medium grained -Phaneritic with rare orbicular texture -Weak pervasive chl alteration -1% fine grained disseminated py in veins, rare replacement of grains in core -20% qtz veins, mnr cb present -Fractures filled with cb -Rare xenoliths -Intermediate-felsic composition possible altered Granodiorite -Upper contact @ 40 deg	56.90	57.90	7925	1.00	0.00	

Description			Assays				
			S_from	S_to	Sample	Width	Au (g/t)
		-Lower contact interfingered ~20 deg					
		61.30-61.70 Granodiorite					
		-Felsic composition, similar to Granodiorite					
62.75	**83.20**	**Diorite**	62.80	63.50	7926	0.70	0.01
		-Grey green color	64.75	65.45	7927	0.70	0.01
		-Medium grained	65.80	66.25	7928	0.45	0.01
		-Phaneritic texture	68.55	69.35	7929	0.80	0.00
		-Weak pervasive chl alteration	79.20	80.20	7930	1.00	0.00
		-Pyr is rare, <1% occuring in cubic form in veins					
		-Qtz Veins are 3% of the core, and contain mnr cb					
		-Core is weakly magnetic					
		-Calc Alkaline Basalt?					
		64.70-65.70 qtz-vein 30.00°					
		-Qtz vein system					
		-5, cm sized veins					
		-grey qtz with hem in selvage					
		-3% py clusters					
		70.50-71.7- qtz-ser-vein 30.00°					
		-60% grey qtz 40% ser					
		-3% py in cubic form					
		-mnr hem					
		78.70-78.80 qtz-ser-vein 20.00°					
		-2 cm					
		-90% grey qtz 10% ser					
		-mnr chl					
		-slickensides on face					
83.20	**83.70**	**Felsic Tuff**					
		-Light grey color					
		-Fine grained					
		-Aphanitic texture					
		-weak chl alt					
		-No visible sulfides					
		-1% qtz-cb veins					
		-Upper contact at 40 deg					
		-Lower contract at 60 deg					
83.70	**91.90**	**Basalt**	83.75	84.75	7931	1.00	0.01
		-Dark Grey color	86.20	87.20	7932	1.00	0.23

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Fine grained	87.20	88.00	7933	0.80	0.00	
		-Aphanitic texture	90.88	91.88	7934	1.00	0.00	
		-Weak local chl alt						
		-3% cubic py in veins						
		-10% qtz veins @ 20-30 deg						
		86.40-88.90 Pillow Mafics						
		-mm to cm wide bands of sediments in subcircular to elongate structures						
		-may indicate pillow structures						
		-1% mm cubic py in interstitial sediments						
		90.40-91.90 Chl						
		-moderate pervasive chl alteration						
91.90	**91.90**	**EOH**						

Hinterland Metals Inc.

DDH: TEC-15

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/03/03
Drilled To: 2006/03/11
Description Date: 2006/03/09

Collar

Azimuth	315.00°
Dip	-55.00°
Length	209.20m
Casing	3.10m

Coordinate System: UTM NAD 83

East	563129.00
North	5329314.00
Elevation	346.00

Grid Location: 1680N 2100E
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	140.00m	0.00°	-54.00°
Acid	209.20m	0.00°	-54.00°

Comments: Test IP anomaly
Conglomerate and sandstone, chl and ser alteration common. Up to 10% disseminated py present in "Basal Grit" and conglomerate.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**3.05**	**Casing**						
3.05	**17.98**	**Conglomerate** -Dark grey groundmass, with assorted colors of clasts -Groundmass is fine grained, while clasts range from cm to dm -Groundmass texture is generally apahanitic -Weak localized ser alteration found in fractures -1 % disseminated py found in groundmass, cluster py found on some fracture faces -5% qtz cb veins with 90% running sub parallel to CA, no visible sulfides in the veins 8.70-13.70 Fracture -Core is highly fractured with no preferred orientationl						
17.98	**29.85**	**Diorite** -Light green color -Medium grained -Phaneritic texture, becoming nearly aphanitic at the margins -Local med chl and weak ser alteration on fractures -<1% py found disseminated througout core, as either fine grained or clusters -No significant vening. Fractures are filled with Chl and Ser. 17.98-22.80 Chl -Local med chl alt on fractures -mnr ser is also present on fractures 22.80-27.90 Chl -Local chloritic alt is dominant -filling fractures with no preferred orientation						
29.85	**55.30**	**Conglomerate** -Grey color -med gr, clasts are mm-dm -Aphanaitic texture -Weak pervasive carbonate alteration -<1% disseminated py, no other sulfides visible -5% mm qtz-cb veins, trace disseminated pyrite visible -Clasts are angular to ameoboid -10% qtz cb veins with 90% running sub parallel to CA, no	47.70	48.70	7935	1.00	0.00	

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		visible sulfides in the veins 29.85-46.90 Hem -Core has sligh brown color -weak pervasive hem alteration? -Composed of what appear to be small mm lapilli and angular fragments ("Basal Grit") -Bedding appears to be at 60 deg 41.95-42.00 Shear Zone 70.00° -Small shear zone -followed by small tension gashes filled with cb -no visible sulfides 42.30-52.00 Sandstone -Fine grained sand with mm sized clasts -moderate pervasive hem alteration -local chl alteration on fracture faces -CBA @40.00° 45.60-52.00 Hem -Core is reddish brown -weak pervasive hem 48.70-52.00 Chl -Strong local chl alteration on fractures 52.00-55.30 Hem -Fine grained -Reddish brown stained -strong pervasive hem -sharp edges and conchoidal fracture -interbedded with med gr cm beds possible mudstone/siltstone -Intrusive?						
55.30	**62.20**	**Intrusive** -Dark reddish brown color, -Porphoritic -Strong hemitization -Sandstone unit, moderate hem alteration, interbedded with mudstone/siltstone?						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
62.20	**138.95**	**Conglomerate**	62.25	63.25	7936	1.00	0.00	
		-Conglomerate similar to above unit	68.00	69.00	7937	1.00	0.01	
		-1% cubic pyrite present in matrix and some clasts	69.00	70.00	7938	1.00	0.00	
		-cm brown intrusive porphories common, boulders?	70.00	71.00	7939	1.00	0.00	
		62.20-62.95 Hem	71.00	71.55	7940	0.55	0.00	
		-Moderate hem staining	96.20	97.20	7941	1.00	0.01	
		-50% of clasts are intermediate porphory	97.20	98.20	7942	1.00	0.00	
		-10% qtz veins with no preferred orientation	112.80	113.80	7943	1.00	0.00	
		-3% fine gr py in veins	113.80	114.80	7944	1.00	0.00	
			114.80	115.80	7945	1.00	0.01	
		65.75-65.90 Mafic Intrusive	115.80	116.80	7946	1.00	0.01	
		-Mafic intrusive porphory	116.80	117.80	7947	1.00	0.01	
		-brown	127.45	128.35	7948	0.90	0.00	
		-phenocrysts are black, prismatic with hexagonal or octagonal profile,	131.20	132.20	7949	1.00	0.01	
		hbl.	133.30	134.05	7950	0.75	0.00	
		65.90-68.00 Py						
		-1% fine grained disseminated pyrite found throughout matrix						
		68.00-71.35 Py						
		-5% fine grained and cluster py found in matrix and permeating through clasts						
		-15% cm qtz veins associated						
		-pervasive ser alteration has changed color to light greenish grey						
		68.50-68.80 Shear						
		-Clasts are fragmented and filled with qtz						
		-tension veins present						
		-possible lineation at 40 deg						
		-weak shear?						
		71.65-72.90 Intrusive						
		-Intermediate intrusive						
		-Grey to brown						
		-porphoritic						
		-weakly hematized						
		-Upper contact @ 60 deg, lower contact missing						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		87.90-87.95 qtz-carb-vein 30.00° -perpendicular euhedral crystal growth -tension vein - <1% cubic py 88.75-94.90 carb -Weak pervasive carbonate alteration -10% cb veinlets present 35.00° 89.50-89.55 qtz-vein 25.00° -perpendicular euhedral crystal growth -tension vein -no visible sulfides 93.95-94.05 qtz-carb-vein 50.00° -white qtz -no visible sulfides 96.20-98.2 3 py 3.00% -py present in matrix, also replaces clasts 100.55-100.65 qtz-ser-vein 60.00° -angular fragments of qtz surrounded by ser -may be shear related 106.90-107.55 qtz-vein 40.00° -2 cm wide grey qtz veins -3% disseminated py 109.60-116.40 Conglomerate -Same conglomerate -veining is reduced to <1% -carbonate veinlets <1% of core, no preferred orientation 133.30-133.35 Shear 134.00-134.05 134.25-134.30 -clasts are fractured and offset, many elongated -tension veins filled with qtz, rimmed with sericite along margins -weak shear?						
138.95	**144.15**	**Banded Sediments** -Grey to grey green color -Fine grained -Aphanitic texture						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Weak pervasive ser alteration						
		-No visible sulfides						
		-Fine grained sediments interbedded with sandstone layers						
		141.30-144.15 qtz						
		-Very hard						
		-Silicitized						
144.15	**177.15**	**Intermediate Tuff**	144.15	145.15	7951	1.00	0.01	
		-Light grey matrix, with 95% grey-green clasts	145.15	146.15	7952	1.00	0.01	
		-Fine grained matrix, clasts range from mm-dm	146.15	147.15	7953	1.00	0.01	
		-clasts are more angular than the previous conglomerate interval,	147.15	148.15	7954	1.00	0.01	
		matrix is homogenous, Lapilli tuff?	148.15	149.15	7955	1.00	0.01	
		-Weak pervasive ser alteration	149.15	150.15	7956	1.00	0.01	
		-5% disseminated pyrite found throughout matrix and clasts	150.15	151.15	7957	1.00	0.01	
		-qtz veining is 1-3% throughout section with no preferred orientation	151.15	152.15	7958	1.00	0.01	
		-"Basal Grit"	152.15	153.15	7959	1.00	0.01	
			153.15	154.15	7960	1.00	0.01	
		144.15-148.85 Conglomerate	154.15	155.15	7961	1.00	0.01	
		-Some fragments rounded	155.15	156.15	7962	1.00	0.01	
		-multicolour clasts	156.15	157.15	7963	1.00	0.01	
		-resembles pervious conglomerate unit, but fragments are angular	157.15	158.15	7964	1.00	0.01	
		-alteration is weaker then rest of interval	158.15	159.15	7965	1.00	0.01	
			159.15	160.15	7966	1.00	0.01	
		164.15-169.15 Ser	160.15	161.15	7967	1.00	0.01	
		-Increased ser alteration	161.15	162.15	7968	1.00	0.01	
			162.15	163.15	7969	1.00	0.01	
		167.15-167.30 Intrusive	163.15	164.15	7970	1.00	0.01	
		-Red	164.15	165.15	7971	1.00	0.01	
		-porphoritic, feldspar porphories	165.15	166.15	7972	1.00	0.01	
		-Syenite	166.15	167.15	7973	1.00	0.01	
		-Top contact parallel to CA, bottom contact at 60 deg	167.15	168.15	7974	1.00	0.01	
		-Boulder?	168.15	169.15	7975	1.00	0.01	
			169.15	170.15	7976	1.00	0.00	
		170.15-171.15 Intermediate Intrusive	170.15	171.15	7977	1.00	0.00	
		-Dark grey intrusive	171.15	172.15	7978	1.00	0.01	

Description			Assays				
			S_from	S_to	Sample	Width	Au (g/t)
		-phaneritic	172.15	173.15	7979	1.00	0.01
		-abundant feldspars crystals	173.15	174.15	7980	1.00	0.01
		-groundmass contains 50% py	174.15	175.15	7981	1.00	0.01
		-syenite?	175.15	176.15	7982	1.00	0.01
			176.15	177.15	7983	1.00	0.01
177.15	**209.20**	**Conglomerate**	177.15	177.25	7984	0.10	0.01
		-Dark grey matrix, clasts are multicoloured, 5% are porphorys	177.25	178.25	7985	1.00	0.01
		-Fine grained matrix, clasts range from mm to dm	179.75	180.75	7986	1.00	0.00
		-Matrix supported	202.45	203.45	7987	1.00	0.01
		-Local carbonate alteration surrounding clasts	203.45	204.45	7988	1.00	0.00
		-1-3% disseminated py in matrix, may be cubic in clasts	204.45	205.45	7989	1.00	0.00
		-10% qtz veins @ 30-40°	206.90	207.25	7990	0.35	0.00
		177.15-177.25 py 5%					
		-fine grained disseminated py					
		179.75-180.55 qtz					
		-Clasts are cemented by qtz					
		-qtz is pink with visible growth rings					
		180.85-181.25 Intermediate intrusive					
		-aphanitic					
		-reddish brown					
		183.85-187.70 qtz-carb-vein					
		-Stockwerk qtz vein system					
		-no preferred orientation					
		-mm width					
		-no visible sulfides					
		-cb veins have no preferred orientation					
		191.20-194.00 qtz-carb-vein 45.00°					
		-Qtz/cb vein system					
		-pink qtz/white cb					
		193.10-193.30 qtz/cb					
		-Qtz/cb cement between clasts					
		-no visible pyrite					
		193.40-193.50 qtz-carb-vein					
		-white/pale green					
		-contains wavy ser and chl as well as angular rock fragmens					
		196.05-196.15 qtz-carb-vein					

Description			Assays				
			S_from	S_to	Sample	Width	Au (g/t)
		-white -2, 2cm qtz cb veins @ 40.00° -no visible sulfides 199.60-199.70 qtz-carb-vein 85.00° -white -nearly perpendicular to CA -no visible sulfides, 202.45-205.45 py 5.00% -Up to 5% disseminated py in clasts and matrix					
209.20	**209.20**	**EOH**					

Hinterland Metals Inc.

DDH: TEC-16

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/03/20
Drilled To: 2006/03/24
Description Date: 2006/03/21

Collar

Azimuth	315.00°
Dip	-50.00°
Length	117.00m
Casing	2.00m

Coordinate System: UTM NAD 83

East	563052.00
North	5328953.00
Elevation	345.00

Grid Location: 1440N 1700E
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	117.00m	0.00°	-47.00°

Comments: Test IP anomaly
Complex lithology, mostly conglomerate/sandstone/siltstone. Sandstone/siltstone is strongly magnetic. Rare basalt, Diorite, and syenite. 3-10% dissemianted py in "Basal Grit".

Hinterland Metals Inc.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**2.00**	**Casing**						
2.00	**19.20**	**Conglomerate**						
		-Matrix is light grey, clasts are assorted colors						
		-Fine grained matrix, clasts are mm to rare dm						
		-Local moderate ser alteration present in clasts, local chl alteration on						
		fracture faces, local weak cb alteration of clasts						
		-No visible sulfides,						
		-Less than 1% qtz veins, rare cb veins.						
		-1% chert						
		12.60-19.20 Basal Grit						
		-Reddish brown color						
		-Clasts become angular						
		-Homogeneous						
		-No chert						
		-Lapilli Tuff?						
19.20	**27.70**	**Lapilli Tuff**	23.65	24.65	75203	1.00	0.01	
		-Light grey-reddish brown	24.65	25.05	75204	0.40	0.01	
		-Fine grained matrix with angular clasts mm-cm	25.05	26.05	75205	1.00	0.01	
		-Strong pervasive hem alteration						
		-1% cluster py present in 20% of interval						
		-Less than 1% qtz veins present, no visible sulfides						
		-Core is weakly magnetic						
		Box 6 was tipped all depths from 24.5-28.6 are approximate from						
		partial reconstruction						
		19.70-23.00						
		-Clasts are homogeneous, sub rounded,						
		-Trachyte?						
		23.00-26.05 Lapilli Tuff						
		-Grey color						
		-Clasts are 90% mm, and angular						
		-1% cluster py in lapilli, possible fine grained VG						
		-trace visible fine grained magnetite						
		25.65-26.05 Syenite						
		-Reddish brown						
		-Coarse grained						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Phaneritic texture -1% disseminated cluster py -Top contact @ 55°, bottom contact wavy @ ~ 40°						
27.70	**44.10**	**Sediments** -Dark Grey to reddish brown -Fine grained -Bedded, normal grading present -Weak pervasive hem staining -Core is strongly magnetic -Lapilli Tuff? -Strongly magnetic 29.00-32.10 CB -Weak pervasive carbonate alteration occurs in bedded layers 35.50-37.00 -Core is highly fractured -Moderate limonite staining on fractures -Fractures @ 20° contain slickensides on chl altered faces 37.80-39.80 Qtz vein -mm to cm grey qtz vein stockwork system -Green, greasy platy mineral also present, likely chlorite						
44.10	**58.75**	**Diorite** -Dark grey color -Medium grained -Phaneritic texture -Weak pervasive carbonate alteration, local chl alteration present on fractures -Less than 1% qtz/cb veins present -xenoliths are rare, but present -Upper contact is perpendicular to core axis, associated 1 cm qtz vein present, no visible sulfides -Bottom contact is fractured and contains gouge -Core shows gradational change to weakly magnetic -Calc Alk basalt? 45.85-46.35 Chl						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Green platy veins, healed fractures						
		-@ 15°						
		47.3-47.5 Qtz veins						
		-qtz/cb veins @ 25° to CA						
		-specular hematite						
		-no visible sulfides						
		51.4-51.5 Qtz veins						
		-qtz/cb/chl veins @ 80° to CA						
		-No visible sulfides						
		57.20-5740 Fault						
		-Top contact is 5 cm qtz/cb vein						
		-Grey clay rich gouge between fractured rocks						
		-Slip @ 55-60°						
		58.70-58.80 Gouge						
		-Grey clay rich gouge occuring between fracture rocks						
		-contact @ 80°						
58.75	**62.15**	**Basalt**						
		-Dark grey color						
		-Fine grained						
		-Amygdaloidal to aphanitic texture						
		-Weak carbonate alteration						
		-1% qtz veins, no visible sulfides						
		-Bottom contact wavy, 90° to CA						
62.15	**103.00**	**Sandstone**	62.15	63.15	75206	1.00	0.02	
		-Reddish Brown color	77.00	78.00	75207	1.00	0.00	
		-Fine grained matrix, medium to coarse grains also present	79.20	80.20	75208	1.00	0.00	
		-Moderate pervasive hematite	82.10	83.10	75209	1.00	0.00	
		-Sulfides are rare, but where present, disseminated cluster and cubic pyrite	87.90	88.00	75210	0.10	0.02	
		-5% white qtz veins, visible py is rare	90.20	91.20	75211	1.00	0.03	
		-Grains and clasts are subrounded to rounded	95.20	95.80	75212	0.60	0.00	
		-Core is no longer magnetic	100.10	101.00	75213	0.90	0.00	
		-immature, greywacke						
		62.15-63.25 Qtz veins						
		-White qtz veins, @ 30° to CA						
		-up to 5% cluster py						
		-Core is stained reddish-orange						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		65.60-67.30 Silicified -Core is light grey, very hard, fine grained, mature -5% white qtz veins with no preferred orientation -silicified? 77.00-81.20 Py -Core contains 1-3% disseminated cluster pyrite -5% of core is white qtz veins, py is rare -Core is weakly magenetic 81.20-81.50 Intrusive -Brown porphorytic intrusion -not magnetic 81.5-83.4 Qtz vein -White and pink qtz veins running sub parallel to CA -1% fine grained disseminated py -Core is magnetic 87.30-88.0 Qtz Vein -White qtz and chl veins @ 30° to CA -1% fine grained cluster py in veins 90.20-90.90 Py -Up to 10% fine grained disseminated py in alteration zone -Light grey-green alteration. Ser? 93.60-94.30 Silicified -Core is light brown color, hard, fine grained, mature -10% white qtz veins, no visible sulfides -Tuff? 95.20-95.80 Crackle Breccia -Fractures are filled with chl and contain 3% cluster py -1% fine grained disseminatead and cluster py present throughout 98.20-103.00 Silicified -Core is light brown color, hard, fine grained, mature -1% white qtz veins, no visible sulfdies -Silicified?						
103.00	**117.00**	**Conglomerate** -Typical conglomerate -Fine grained matrix, clasts are mm to rare dm -Interbedded with sandstone units						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Core is hard, silicified?						
		-Less than 1% white qtz veins with no visible sulfides						
		-CBA 80 deg						
		114.20-117.00 Sandstone						
		-Light brown, fine grained, very hard						
		-3% white qtz veins with 1% cluster py						
117.00	**117.00**	**EOH**						

Hinterland Metals Inc.

DDH: TEC-17

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/03/13
Drilled To: 2006/03/20
Description Date: 2006/03/17

Collar

Azimuth	315.00°
Dip	-50.00°
Length	109.90m
Casing	4.90m

Coordinate System: UTM NAD 83

East	562933.00
North	5329105.00
Elevation	351.00

Grid Location: 1640N 1700E
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	109.90m	0.00°	-49.00°

Comments: Test IP anomaly
Mostly conglomerate with interval of "Basal Grit" which resembles lapilli tuff. Strong ser and chl alteration is present throughout the conglomerate. 10-15% fine grained dissemianted py in matrix and clasts of "Basal Grit".

Hinterland Metals Inc.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**4.90**	**Casing**						
4.90	**5.80**	**Conglomerate**	4.90	5.80	75151	0.90	0.00	
		-Reddish brown color						
		-Fine grained matrix, clasts are up to dm						
		-Angular fractures, offset and filled by pistacio green fabric, epidote?						
		-up to 5% py present in fabric						
		-may indicate fault/shear zone						
5.80	**18.40**	**Conglomerate**						
		-Green grey to light brown, depending upon alteration	6.60	6.70	75152	0.10	0.02	
		-90% fine grained, with medium grained interbeds, rare coarse grained, clasts	12.40	13.40	75153	1.00	0.01	
		are cm to dm, tend to be reddish brown, porphories common	16.20	16.60	75154	0.40	0.00	
		-Alteration is varriable, from pervasive limonite to local chl and ser						
		-Pyrite present depends upon alteration. If the core is grey green, 10% cubic						
		py, if reddish brown, py is <1% disseminated fine grained						
		-Veining 1% white qtz, no visible sulfides						
		-Very hard, silicified?						
		-Tuff interbedded with sandstone?						
		5.70 - 9.90 Lapilli Tuff						
		-Light brown color						
		-Fine grained matrix with mm fragments						
		-Aphanitic texture						
		-10% cubic pyrite						
		9.00 CBA @ 80°						
		9.20-9.40 Shear						
		-Brown fragments in a red and pistachio green matrix						
		-Matrix is fine grained, fragments are mm to ~1cm						
		-CBA @ 60°						
		-3% cluster py present						
		-epidotized?						
		9.50 CBA @ 70°						
		10.90-11.00 Alteration						
		-Grey green color						
		-Pervasive						

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Peels with knife						
		-Ser?						
		12.40-13.40 Crackle Breccia						
		-Core is highly fractured and healed						
		-Fractures contain local chl alteration						
		-3% py in fractures						
		-Fractures at low angle to CA, ~25° is common						
		16.20-16.70 Qtz Veins						
		-10% of core, White						
		-~40°						
		-Up to 3% cluster py						
		-Mnr tourmaline						
18.40	**22.85**	**Intrusive**	18.90	19.30	75155	0.40	0.00	
		-Dark Reddish brown	19.60	19.75	75156	0.15	0.00	
		-Medium to coarse grained	20.70	21.35	75157	0.65	0.04	
		-Phaneritic-Porphoritic texture						
		-5% white qtz veins, <1% cluster py present in last 30cm of interval						
		18.40-18.90 Shear						
		-Brown fragments in a red and pistachio green matrix						
		-Matrix is fine grained, fragments are mm to ~1cm						
		-CBA @ 60°						
		-3% cluster py present						
		-epidotized?						
		-Shear?						
		18.90-19.30 Py						
		-Pyrite content increased in veins, up to 20% locally						
		-Massive,						
		19.60-19.65 Shear						
		-Brown fragments in a red and pistachio green matrix						
		-Matrix is fine grained, fragments are mm to ~1cm						
		-CBA @ 60°						
		-3% cluster py present						
		-epidotized						
		-Shear?						
22.85	**51.40**	**Conglomerate**	22.90	23.90	75158	1.00	0.00	
		-Dark grey matrix, clasts are various colors, ~20% porphory	23.90	24.90	75159	1.00	0.01	

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-Matrix is fien grained, clasts are mm to rare dm	24.90	25.90	75160	1.00	0.05	
		-Weak pervasive cb alteration is common, although areas with disseminated py	25.90	26.90	75161	1.00	0.02	
		lack this feature	26.90	27.90	75162	1.00	0.01	
		-Up to 5% disseminated py in zones of pervasive non carbonate alteration	27.90	28.90	75163	1.00	0.01	
		-Qtz veins are rare, ~ 1%. Sulfides if present are fine grained disseminated	28.90	29.90	75164	1.00	0.01	
		py	33.00	34.00	75165	1.00	0.00	
			48.40	48.85	75166	0.45	0.00	
		22.85-29.30 Py						
		-Light grey green color						
		-Peels with knife						
		-Ser alt?						
		-Up to 15% disseminated and cluster py troughout						
		-CBA ~40°						
		-Pervasive ser alt?						
		29.30-51.40 Carb						
		-weak pervasive carbonate alteration						
		39.80-39.90 Intrusive						
		-Intermediate intusive						
		-Brown, with white phenocrysts						
		-Porphoritic						
		-40% of phenocrysts altered green						
		46.80-48.40						
		-Chert increases to 5%						
		-CBA ~50°						
		48.40-48.85 Qtz Veins						
		-20% white qtz veins						
		-~30 deg						
		-5% cluster pyrite in core, 1% cluster pyrite in veins						
		-Core and veins are stained red						
51.40	**72.50**	**Basal Grit**	51.40	52.40	75167	1.00	0.01	
		-Greenish grey matrix, clasts are lighter coloured	52.40	53.40	75168	1.00	0.01	
		-Fine grained matrix, sub rounded clasts are commonly mm-cm	53.40	54.40	75169	1.00	0.01	
		-Local ser alt in clasts and ribbons	54.40	55.40	75170	1.00	0.01	

		Description	Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		-10-15% fine grained disseminated and cluster py throughout matrix, and clasts,	55.40	56.40	75171	1.00	0.01	
		rare pyrite veins	56.40	57.40	75172	1.00	0.01	
		-Matrix is hard, does not scratch easily, clasts are softer, may peel with	57.40	58.40	75173	1.00	0.01	
		knife	58.40	59.40	75174	1.00	0.01	
		-Lapilli Tuff?	59.40	60.40	75175	1.00	0.01	
			60.40	61.40	75176	1.00	0.01	
		@ 51.4m 3 cm silcified porphory clast	61.40	62.40	75177	1.00	0.01	
			62.40	63.40	75178	1.00	0.01	
		@ 54.6 CBA 60°	63.40	64.40	75179	1.00	0.01	
			64.40	65.40	75180	1.00	0.00	
		@ 56.4 CBA 60°	65.40	66.40	75181	1.00	0.01	
			66.40	67.40	75182	1.00	0.01	
		@ 58.4 CAB 60°	67.40	68.40	75183	1.00	0.01	
			68.40	69.40	75184	1.00	0.01	
		61.10-61.90 Lineation	69.40	70.40	75185	1.00	0.01	
		-Clasts and matrix show alignment @ 40°	70.40	71.40	75186	1.00	0.01	
		-Matrix is replaced partially by grey-green fabric	71.40	72.40	75187	1.00	0.01	
		-Shear related?						
		61.90-63.00 Alteration						
		-Patchy yellow green alteration						
		-Apple green mineral present in areas of alteration only						
		@ 62.4 CAB 60°						
		63.40-63.80 Qtz						
		-Core is blue grey						
		-Silicification is more evident						
		-Increase in qtz veins to 10%						
		@ 64.5 CAB 55°						
		@66.4 CAB 55°						
			72.40	73.40	75188	1.00	0.00	
72.50	**109.90**	**Conglomerate**	79.90	80.90	75189	1.00	0.01	
		-Similar to previous conglomerate unit	80.90	81.90	75190	1.00	0.00	
		-Matrix is fine grained, clasts are mm to cm, rare dm	81.90	82.90	75191	1.00	0.01	
		-Dark grey matrix, 80% of clasts are reddish brown	82.90	83.90	75192	1.00	0.01	
		-5-10% disseminated fine grained and cluster pyrite present, cubic form is	83.90	84.90	75193	1.00	0.01	

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
rare	84.90	85.90	75194	1.00	0.01	
-1% mm qtz veins, no visible suflides	85.90	86.90	75195	1.00	0.01	
	86.90	87.90	75196	1.00	0.01	
79.90-80.60 Intermediate Tuff	87.90	88.90	75197	1.00	0.01	
-Similar to previous zone	88.90	89.40	75198	0.50	0.00	
-fragments tend to be angular, homogeneous matrix	89.40	89.85	75199	0.45	0.01	
-Increase in visible fine grained disseminated py	93.30	93.40	75200	0.10	0.00	
-CBA @ 60°	106.70	107.70	75201	1.00	0.01	
-Lapili Tuff?	107.85	109.25	75202	1.40	0.01	
82.70-83.40 Intermediate Tuff						
-Similar to above zone						
-fragments tend to be smaller						
-CBA @ 45°						
83.70-83.80 Intrusive						
-Dark grey intermediate porphory						
-Top contact @ 45°						
-Bottom contact @ 60°						
88.90-89.50 Crackle Breccia						
-Core is brecciated and cemented by chl						
-5% disseminated py present						
89.50-89.90 Shear						
-Lineation at 70°						
-15% fine grained disseminated and cluster py present						
-local chl alt						
-Conduit for mineralization?						
88.90-89.10 Py						
-Core contains 10-15% disseminated fine grained py						
93.30-93.40 Qtz Vein						
-Light grey qtz-cb vein						
-3% cluster py						
-Top and bottom contacts at 30°						
94.9-100.88 Qtz Vein System						
-Light pink qtz-cb vein system						
-Preferred orientation of 50°						
-No visible sulfides						
-Core becomes weakly magnetic						
101.20-109.9 Qtz Vein System						

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
-Light pink and grey qtz-cb vein system -40% of veins have a preferred orientation of 50° -up to 3% massive py -1% Mo present in larger veins (cm) -Core continues to be weakly magnetic						
109.90 109.90 EOH						

Hinterland Metals Inc.

DDH: TEC-18

Drilled by: Rick Yost Drilling
Geologist: T. Croteau

Area: Teck Township
Property: Teck SW
Region:
Map Reference: NTS 042A01

Drilled From: 2006/03/24
Drilled To: 2006/03/28
Description Date: 2006/03/24

Collar

Azimuth	315.00°
Dip	-50.00°
Length	127.00m
Casing	3.00m

Coordinate System: UTM NAD 83

East	562731.00
North	5328764.00
Elevation	340.00

Grid Location: 1480N 1300E
Core size: NQ

Down Hole Survey

Type	Depth	Azimuth	Dip
Acid	120.00m	0.00°	-46.00°

Comments: Test IP anomaly
Conglomerate/sandstone rich, with a "Basal Grit" interval similar to Tec-17. Ser and chl alteration common. 10-15% fine grained dissemianted py in matrix and clasts of "Basal Grit". Hole ends in strong ser alteration.

Hinterland Metals Inc.

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
0.00	**3.00**	**Casing**						
3.00	**20.50**	**Sandstone**						
		-Light brown color						
		-Fine grained, medium and coarse also present						
		-usually massive, rare bedding						
		-Weak local limonite staining on fractures						
		-Locally 1% fine grained disseminated pyrite						
		-5% white qtz veins @ 40° to CA, no visible sulfides						
		8.50-9.40 Qtz veins						
		-20% white qtz veins @ 40° to CA						
		-1% cluster py, 3% granular hem						
		12.40-12.50 Weak Shear						
		-Lineations @ 50°						
		-Ser and qtz fabric, offset fractures						
		12.65-12.75 Weak shear						
		-Lineation @ 55°						
		-elongated and broken fragments surrounded by ser and qtz fabric						
		13.05-13.20 Weak shear						
		-Lineation @ 40°						
		-Elongated and broken fragments surrounded by ser and qtz fabric						
		13.40-17.40 Hem						
		-Core is dark reddish brown						
		-Strong pervasive hem staining						
20.50	**59.55**	**Conglomerate**	22.30	22.80	75214	0.50	0.01	
		-Typical conglomerate						
		-Matrix is fined grained, clasts are mm to cm, rare dm	42.90	23.30	75215	-19.60	0.00	
		-Matrix supported						
		-Weak local ser alteration of pebbles and cobbles, local chl alteration on						
		fractures						
		-rare disseminated py						
		-10% cm qtz veins, 1% cluster py						
		22.60-22.70 Qtz vein						
		-White and pink qtz vein @ 30° to CA						
		-1% cluster py						

Description	Assays					
	S_from	S_to	Sample	Width	Au (g/t)	
-30cm around vein are bleached						
24.20-24.40 Qtz vein						
-White and pink 2cm qtz veins @ 30° to CA						
-No visible sulfides						
-Core is highly fractured and bleached						
26.90-26.95 Qtz vein						
-White and pink qtz vein @ 30° to CA						
-No visible sulfides						
29.50 CBA @ 50°						
33.50 CBA @ 60°						
39.50-39.55 Qtz vein						
-Pink qtz vein @ 50° to CA						
-weak shear?						
39.75-39.85 Gouge						
-Highly fractured, black greasy gouge						
-graphitic?						
40.25-40.35 Qtz vein						
-Pink qtz vein @ 50° to CA						
-No visible sulfides						
-Vein is folded and fractured						
-Weak shear?						
40..40-41.20 Fault zone						
-Highly fractured, tension veins filled with pink qtz						
-slickensides present in chl on fractures						
41.85-42.55 Shear zone						
-Shear @ 50°						
-Ser in fabric, chl on fractures						
42.55-42.95 Py						
-5% fine grained disseminated and cluster py						
-5% qtz veins, with 5% py						
46.50-47.90 Stockwerk Vein system						
-White and pink mm qtz/cb veins with no preferred orientation						
-1% specular hematite in veins						
48.20-48.25 Qtz Vein						
-White and pink qtz/cb vein @ 20°						
-No visible sulfides						

Description			Assays					
			S_from	S_to	Sample	Width	Au (g/t)	
		56.75-56.08 Qtz vein						
		-White and pink qtz/cb vein @ 50° to CA						
		-1% cluster py						
59.55	**92.85**	**Basal Grit**	59.55	60.55	75216	1.00	0.01	
		-Light grey	60.55	61.55	75217	1.00	0.01	
		-Fine grained matrix, clasts are mm to cm	61.55	62.55	75218	1.00	0.01	
		-Massive, homogenous, clasts are sub angular	62.55	63.55	75219	1.00	0.01	
		-Local ser alteration of clasts, core scratches easily with knife	63.55	64.55	75220	1.00	0.01	
		-5-10% fine grained disseminated py, local replacement of	64.55	65.55	75221	1.00	0.02	
		altered clasts						
		-5% qtz/cb veins, rare cluster py in veins	65.55	66.55	75222	1.00	0.02	
		-Bedding is common	66.55	67.55	75223	1.00	0.02	
		-CBA 65°	67.55	68.55	75224	1.00	0.02	
		-Lapilli Tuff?	68.55	69.55	75225	1.00	0.02	
			69.55	70.55	75226	1.00	0.02	
		63.00 CBA @ 50°	70.55	71.55	75227	1.00	0.02	
			71.55	72.55	75228	1.00	0.02	
		83.00 CBA @ 40°	72.55	73.55	75229	1.00	0.02	
			73.55	74.55	75230	1.00	0.02	
		88.00 CBA @ 50°	74.55	75.55	75231	1.00	0.01	
			75.55	76.55	75232	1.00	0.02	
			76.55	77.55	75233	1.00	0.01	
			77.55	78.55	75234	1.00	0.01	
			78.55	79.55	75235	1.00	0.01	
			79.55	80.55	75236	1.00	0.01	
			80.55	81.55	75237	1.00	0.01	
			81.55	82.55	75238	1.00	0.01	
			82.55	83.55	75239	1.00	0.01	
			83.55	84.55	75240	1.00	0.01	
			84.55	85.55	75241	1.00	0.02	
			85.55	86.55	75242	1.00	0.01	
			86.55	87.55	75243	1.00	0.01	
			87.55	88.55	75244	1.00	0.01	
			88.55	89.55	75245	1.00	0.01	
			89.55	90.55	75246	1.00	0.01	
			90.55	91.55	75247	1.00	0.01	
			91.55	92.55	75248	1.00	0.01	

Description			Assays				
			S_from	S_to	Sample	Width	Au (g/t)
92.85	**126.40**	**Conglomerate**	108.55	109.25	75249	0.70	0.01
		-Typical conglomerate	125.60	126.40	75250	0.80	0.01
		-Fine grained matrix, clasts are mm to rare dm					
		-Matrix supported					
		-Weak pervasive carbonate alteration					
		-10% white-pink qtz/cb veins, py is rare					
		105.50-107.00 Qtz Veins					
		-White cm qtz veins @ 20°					
		-No visible sulfides					
		108.55-109.25 Py					
		-White mm qtz veins @ 20°					
		-5% massive py					
		114.40-114.50 Qtz Vein					
		-White qtz-chl vein, perpendicular euhedral qtz crystals					
		-weak shear?					
		119.20-119.50 Py					
		-3% disseminated cubic and cluster py					
		121.40-122.60 Qtz Veins					
		-Pink qtz/cb tension veins, 1% fine grained py					
		125.60-126.20 Qtz Veins					
		-Pink qtz/cb tension veins, 1% fine grained py					
		-mm red qtz veins, hem staining?					
126.40	**127.00**	**Shear zone**					
		-Pistacio green color					
		-Fine grained, mm qtz eyes					
		-Aphanitic					
		-Strong local ser alteration					
		-waxy feel, scratches easily with knife					
		-Lineation @ 50°					
127.00	**127.00**	**EOH**					

Appendix D - Analytical Certificates

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84419 Pg 1/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT Teck
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 16, 2006
ANALYSES / ASSAYS 45 Au FA-AAS

Échantillon	Au ppm
7851	0.021
7852	0.013
7853	0.026
7854	0.013
7855	0.051
7856	0.021
7857	0.202
7858	0.100
7859	0.019
7860	0.076
7861	0.014
7862	0.038
7863	0.137
7864	0.016
7865	0.011
7866	0.010
7867	0.260
7868	0.009
7869	0.009
7870	0.012
7871	0.013
7872	0.011
7873	0.009
7874	0.011
7875	0.009
7876	0.011
7877	0.008
7878	0.010
7879	0.013
7880	0.009
7881	0.011
7882	0.015
7883	0.011

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84419 Pg 2/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT Teck
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 16, 2006
ANALYSES / ASSAYS 45 Au FA-AAS

Échantillon	Au ppm
7884	0.008
7885	0.009
7886	0.010
7887	0.015
7888	0.020
7889	0.016
7890	0.024
7891	0.005
7892	<0.005
7893	0.005
7894	<0.005
7895	<0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

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BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84419D

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT Teck
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 16, 2006
ANALYSES / ASSAYS 4 Au FA-AAS

Échantillon	Au ppm
Blank #2	<0.005
Blank #3	<0.005
7870	0.015
7890	0.033

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84451 Pg 1/3

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 23, 2006
ANALYSES / ASSAYS 95 Au FA-AAS

Échantillon	Au ppm
7896	<0.005
7897	<0.005
7898	<0.005
7899	<0.005
7900	<0.005
7901	<0.005
7902	0.029
7903	<0.005
7904	<0.005
7905	<0.005
7906	<0.005
7907	0.031
7908	0.005
7909	<0.005
7910	0.016
7911	0.005
7912	<0.005
7913	0.006
7914	0.005
7915	0.013
7916	0.016
7917	0.013
7918	0.010
7919	0.010
7920	0.009
7921	0.006
7922	0.006
7923	0.006
7924	0.006
7925	<0.005
7926	0.005
7927	0.005
7928	0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84451 Pg 2/3

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 23, 2006
ANALYSES / ASSAYS 95 Au FA-AAS

Échantillon	Au ppm
7929	<0.005
7930	<0.005
7931	0.007
7932	0.233
7933	<0.005
7934	<0.005
7935	<0.005
7936	<0.005
7937	0.009
7938	<0.005
7939	<0.005
7940	<0.005
7941	0.007
7942	<0.005
7943	<0.005
7944	<0.005
7945	0.006
7946	0.006
7947	0.005
7948	<0.005
7949	0.006
7950	<0.005
7951	0.012
7952	0.008
7953	0.010
7954	0.006
7955	0.007
7956	0.006
7957	0.006
7958	0.008
7959	0.007
7960	0.007
7961	0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84451 Pg 3/3

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 23, 2006
ANALYSES / ASSAYS 95 Au FA-AAS

Échantillon	Au ppm
7962	0.006
7963	0.006
7964	0.007
7965	0.006
7966	0.007
7967	0.007
7968	0.006
7969	0.005
7970	0.006
7971	0.006
7972	0.009
7973	0.006
7974	0.006
7975	0.011
7976	<0.005
7977	<0.005
7978	0.008
7979	0.009
7980	0.010
7981	0.008
7982	0.009
7983	0.007
7984	0.007
7985	0.007
7986	<0.005
7987	0.008
7988	<0.005
7989	<0.005
7990	<0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

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FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84451D

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 23, 2006
ANALYSES / ASSAYS 6 Au FA-AAS

Échantillon	Au ppm
Blank #2	<0.005
Blank #3	<0.005
7915	0.011
7935	<0.005
7955	0.007
7975	0.011

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84476 Pg 1/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 28, 2006
ANALYSES / ASSAYS 48 Au FA-AAS

Échantillon	Au ppm
75151	<0.005
75152	0.022
75153	0.006
75154	<0.005
75155	<0.005
75156	<0.005
75157	0.035
75158	<0.005
75159	0.008
75160	0.045
75161	0.024
75162	0.014
75163	0.012
75164	0.013
75165	<0.005
75166	<0.005
75167	0.008
75168	0.008
75169	0.009
75170	0.009
75171	0.008
75172	0.007
75173	0.014
75174	0.006
75175	0.007
75176	0.009
75177	0.007
75178	0.007
75179	0.006
75180	<0.005
75181	0.005
75182	0.005
75183	0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84476 Pg 2/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 28, 2006
ANALYSES / ASSAYS 48 Au FA-AAS

Échantillon	Au ppm
75184	0.007
75185	0.006
75186	0.006
75187	0.005
75188	<0.005
75189	0.007
75190	<0.005
75191	0.006
75192	0.005
75193	0.007
75194	0.005
75195	0.005
75196	0.005
75197	0.007
75198	<0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84476D

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) March 28, 2006
ANALYSES / ASSAYS 4 Au FA-AAS

Échantillon	Au ppm
Blank #2	<0.005
Blank #3	<0.005
75170	0.008
75190	<0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

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LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84550 Pg 1/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) April 10, 2006
ANALYSES / ASSAYS 50 Au FA-AAS

Sample No	Au ppm	Weight kg
75199	0.014	1.15
75200	<0.005	0.85
75201	0.011	4.24
75202	0.006	3.12
75203	0.008	2.59
75204	0.006	1.48
75205	0.007	2.20
75206	0.016	2.88
75207	<0.005	2.58
75208	<0.005	2.86
75209	<0.005	2.78
75210	0.017	1.96
75211	0.028	2.74
75212	<0.005	1.65
75213	<0.005	2.45
75214	0.007	1.42
75215	<0.005	1.00
75216	0.011	2.64
75217	0.008	2.85
75218	0.008	2.63
75219	0.011	2.90
75220	0.011	2.67
75221	0.016	2.66
75222	0.016	2.79
75223	0.015	2.72
75224	0.015	2.79
75225	0.019	2.71
75226	0.022	2.59
75227	0.022	2.32
75228	0.022	2.86
75229	0.016	2.62
75230	0.019	2.64
75231	0.014	2.54

ANALYSTE / ASSAYER
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LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84550 Pg 2/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) April 10, 2006
ANALYSES / ASSAYS 50 Au FA-AAS

Sample No.	Au ppm	Weight kg
75232	0.018	2.91
75233	0.014	2.64
75234	0.013	2.53
75235	0.012	2.73
75236	0.007	2.59
75237	0.006	2.87
75238	0.008	2.69
75239	0.007	2.55
75240	0.012	2.58
75241	0.018	2.82
75242	0.008	2.39
75243	0.006	2.59
75244	0.006	2.65
75245	0.009	2.76
75246	0.011	2.68
75247	0.010	2.75
75248	0.013	2.67

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LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84550D

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) April 10, 2006
ANALYSES / ASSAYS 4 Au FA-AAS

Échantillon	Au ppm
Blank #2	<0.005
Blank #3	<0.005
75218	0.007
75238	0.007

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FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84720 Pg 1/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) May 11, 2006
ANALYSES / ASSAYS 50 Au FA-AAS

Sample No	Au ppm	Weight kg
33401	<0.005	3.00
33402	<0.005	2.48
33403	0.010	2.12
33404	<0.005	1.91
33405	0.006	0.89
33406	0.005	2.65
33407	<0.005	2.82
33408	<0.005	2.77
33409	0.007	2.70
33410	0.007	1.59
33411	<0.005	1.90
33412	<0.005	2.25
33413	0.006	2.76
33414	<0.005	1.51
33415	<0.005	0.48
33416	<0.005	1.97
33417	<0.005	2.43
33418	<0.005	2.67
33419	<0.005	2.77
33420	<0.005	2.62
33421	<0.005	2.77
33422	<0.005	1.60
33423	0.005	2.58
33424	<0.005	2.72
33425	<0.005	2.66
33426	0.005	3.15
33427	<0.005	2.57
33428	<0.005	2.88
33429	0.006	2.72
33430	<0.005	2.85
33431	0.005	1.69
33432	<0.005	2.84
33433	<0.005	2.81

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LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84720 Pg 2/2

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) May 11, 2006
ANALYSES / ASSAYS 50 Au FA-AAS

Sample No.	Au ppm	Weight kg
33434	<0.005	1.47
33435	<0.005	2.74
33436	0.005	1.48
33437	<0.005	2.58
33438	0.005	3.02
33439	<0.005	2.71
33440	0.005	3.15
33441	<0.005	2.58
33442	0.005	3.04
33443	<0.005	2.86
33444	<0.005	2.85
33445	<0.005	2.79
33446	<0.005	2.58
33447	0.006	2.68
33448	<0.005	1.20
75249	0.005	1.89
75250	0.008	2.13

ANALYSTE / ASSAYER
L. - D. Melnbardis

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FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

No. 84720D

CLIENT Breakaway Exploration Management Inc.
PROJET / PROJECT
ÉCHANTILLONS / SAMPLES Half core
REÇU DE / RECEIVED FROM Mark Fekete

VAL D'OR (QUÉBEC) May 11, 2006
ANALYSES / ASSAYS 4 Au FA-AAS

Échantillon	Au ppm
Blank #2	<0.005
Blank #3	<0.005
33420	<0.005
33440	0.005

ANALYSTE / ASSAYER
L. - D. Melnbardis

Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

*** Certificate of analysis ***

Date : 2009/03/17

Client : **Breakaway Exploration Mgt Inc.**

Addressee : **Mark Fekete**
680 3e avenue
Bureau 203
Val d'Or
Québec
J9P 1S5
Telephone : (819) 874-8182
Fax : (819) 874-8183

Folder : **12308**
Your order number :
Project : **NONE**

Total number of samples : **70**

Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5
33449	89	84
33450	20	
34451	20	
34452	22	
34453	8	
34454	10	
34455	20	
34456	11	
34457	8	
34458	6	
34459	<5	
34460	<5	
34461	6	<5
34462	6	
34463	5	
34464	<5	
34465	10	
34466	<5	
34467	5	
34468	6	

Joe Landers, Manager

Laboratoire Expert Inc.

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Date : 2009/03/17

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680 3e avenue
Bureau 203
Val d'Or
Québec
J9P 1S5
Telephone : (819) 874-8182
Fax : (819) 874-8183

Folder : **12308**
Your order number :
Project : **NONE**

Total number of samples : **70**

Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5
34469	5	
34470	5	
34471	<5	
34472	<5	
34473	<5	6
34474	5	
34475	<5	
34476	6	
34477	5	
34478	<5	
34479	6	
34480	<5	
34481	<5	
34482	<5	
34483	<5	
34484	7	
34485	<5	<5
34486	6	
34487	<5	
34488	6	

Laboratoire Expert Inc.

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Client : **Breakaway Exploration Mgt Inc.**

Addressee : **Mark Fekete**
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Québec
J9P 1S5
Telephone : (819) 874-8182
Fax : (819) 874-8183

Folder : **12308**
Your order number :
Project : **NONE**

Total number of samples : **70**

Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5
34489	<5	
34490	5	
34491	10	
34492	<5	
34493	<5	
34494	11	
34495	6	
34496	11	
34497	36	40
34498	26	
34499	8	
34500	10	
75051	12	
75052	34	
75053	18	
75054	36	
75055	30	
75056	48	
75057	37	
75058	10	

Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
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*** Certificate of analysis ***

Date : 2009/03/17

Client : **Breakaway Exploration Mgt Inc.**

Addressee : **Mark Fekete**
680 3e avenue
Bureau 203
Val d'Or
Québec
J9P 1S5
Telephone : (819) 874-8182
Fax : (819) 874-8183

Folder : **12308**
Your order number :
Project : **NONE**

Total number of samples : **70**

Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5
75059	36	40
75060	48	
75061	24	
75062	14	
75063	19	
75064	15	
75065	9	
75066	10	
75067	24	
75068	10	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 25-Apr-06
Invoice No.: A06-1206
Invoice Date: 10-May-06
Your Reference: DOSSIER #12308

Expert Lab
127, boul Industriel
Rouyn-Noranda Quebec J9X 6P2
Canada

ATTN: Luce Lafleur

CERTIFICATE OF ANALYSIS

70 Pulp samples were submitted for analysis.

The following analytical package was requested: Code 1E1 Aqua Regia ICP(AQUAGEO)

REPORT **A06-1206**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Eric Hoffman, Ph.D.
President/General Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	Ba	Be	Bi	Ca	Co	Cr	Fe	K	Mg	Na	P	Sb	Sc	Sn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%	ppm	ppm	ppm
Detection Limit	0.2	0.5	1	2	2	1	2	1	0.01	10	1	1	10	0.01	1	2	0.01	0.01	0.01	0.01	0.001	10	1	10
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
33449	< 0.2	0.8	46	825	4	55	< 2	108	1.98	18	30	1	< 10	2.75	25	120	4.48	0.10	1.31	0.10	0.046	< 10	11	< 10
33450	< 0.2	0.6	65	784	5	78	< 2	80	2.03	28	34	1	< 10	2.82	37	100	7.05	0.14	1.41	0.05	0.044	< 10	9	< 10
34451	< 0.2	0.8	39	737	6	59	< 2	58	1.59	27	24	< 1	< 10	3.03	27	120	6.06	0.09	1.13	0.12	0.041	< 10	8	< 10
34452	< 0.2	0.7	75	623	6	76	7	70	1.46	40	27	1	< 10	3.08	42	110	8.73	0.10	0.96	0.06	0.044	< 10	8	< 10
34453	< 0.2	< 0.5	35	693	< 2	34	3	41	1.36	11	24	< 1	< 10	11.7	15	72	2.38	0.09	0.65	0.08	0.037	< 10	6	< 10
34454	< 0.2	1.0	63	782	6	64	2	83	1.83	13	29	1	< 10	2.62	32	140	5.23	0.08	1.20	0.15	0.044	< 10	11	< 10
34455	< 0.2	0.7	83	718	7	69	4	99	1.83	21	21	1	< 10	2.78	36	130	6.67	0.06	1.11	0.11	0.042	< 10	10	< 10
34456	< 0.2	< 0.5	93	757	5	71	< 2	73	2.14	< 10	16	1	< 10	3.21	35	110	8.31	0.05	1.22	0.07	0.039	< 10	9	< 10
34457	< 0.2	0.7	72	645	5	68	< 2	102	1.79	11	19	1	< 10	3.74	32	110	5.85	0.06	0.94	0.08	0.041	< 10	9	< 10
34458	< 0.2	0.8	87	644	5	70	3	103	2.00	< 10	14	1	< 10	2.68	41	110	7.27	0.05	1.14	0.06	0.039	< 10	8	< 10
34459	< 0.2	0.7	63	685	6	63	< 2	90	1.63	11	15	< 1	< 10	1.64	30	120	5.10	0.05	1.22	0.07	0.039	< 10	5	< 10
34460	< 0.2	1	63	590	10	57	< 2	396	1.14	< 10	49	< 1	< 10	8.12	30	57	4.27	0.17	0.71	0.02	0.036	< 10	5	< 10
34461	< 0.2	0.8	54	703	7	58	< 2	88	1.86	< 10	29	1	< 10	3.07	27	130	4.50	0.09	1.17	0.11	0.048	< 10	11	< 10
34462	< 0.2	0.7	62	735	6	61	< 2	100	2.14	20	21	1	< 10	3.78	30	130	6.48	0.09	1.17	0.09	0.043	< 10	12	< 10
34463	< 0.2	0.7	33	771	4	52	3	66	1.94	16	28	1	< 10	4.46	26	110	4.50	0.10	1.22	0.09	0.045	< 10	11	< 10
34464	< 0.2	0.6	53	819	4	57	< 2	60	2.06	15	31	1	< 10	4.38	30	110	5.18	0.12	1.38	0.07	0.044	< 10	11	< 10
34465	< 0.2	0.8	65	700	5	61	< 2	66	2.04	< 10	26	1	< 10	2.90	29	120	5.25	0.09	1.28	0.10	0.047	< 10	12	< 10
34466	< 0.2	0.6	67	717	5	65	< 2	71	2.26	12	28	1	< 10	3.47	34	120	6.23	0.11	1.38	0.07	0.045	< 10	12	< 10
34467	< 0.2	0.8	81	615	5	62	< 2	93	1.66	16	31	1	< 10	2.56	36	100	6.83	0.13	1.13	0.08	0.043	< 10	10	< 10
34468	< 0.2	0.7	50	469	3	51	< 2	75	1.15	20	36	< 1	< 10	4.40	31	85	5.26	0.16	0.79	0.07	0.041	< 10	6	< 10
34469	< 0.2	0.8	61	561	6	60	< 2	76	1.35	29	21	< 1	< 10	1.99	35	97	7.22	0.09	1.06	0.07	0.037	< 10	6	< 10
34470	< 0.2	0.8	41	580	5	53	< 2	62	1.33	39	27	< 1	< 10	2.43	33	95	6.96	0.11	1.09	0.04	0.039	< 10	5	< 10
34471	< 0.2	0.5	39	621	5	56	< 2	50	1.43	14	40	1	< 10	2.58	27	98	6.37	0.15	1.09	0.05	0.050	< 10	8	< 10
34472	< 0.2	< 0.5	56	565	7	70	3	50	1.51	50	22	1	< 10	1.24	48	100	11.5	0.09	1.05	0.07	0.036	< 10	8	< 10
34473	< 0.2	0.7	54	500	10	78	< 2	48	1.34	66	15	1	< 10	1.00	54	140	11.7	0.06	0.87	0.08	0.040	< 10	8	< 10
34474	< 0.2	0.7	57	541	6	67	< 2	51	1.50	51	19	1	< 10	1.59	42	110	9.12	0.07	0.97	0.09	0.037	< 10	9	< 10
34475	< 0.2	0.8	37	741	6	59	< 2	71	1.94	< 10	30	1	< 10	2.38	29	130	5.87	0.11	1.33	0.11	0.045	< 10	11	< 10
34476	< 0.2	0.6	71	611	5	76	< 2	57	1.77	33	19	1	< 10	1.38	43	99	10.0	0.07	1.14	0.07	0.039	< 10	9	< 10
34477	< 0.2	0.7	41	662	6	58	< 2	71	1.67	19	19	1	< 10	2.13	30	120	6.40	0.07	1.21	0.10	0.041	< 10	10	< 10
34478	< 0.2	0.6	68	559	6	67	< 2	59	1.60	40	19	1	< 10	2.09	45	110	8.68	0.07	1.03	0.07	0.038	< 10	9	< 10
34479	< 0.2	0.7	79	620	7	75	2	89	1.50	45	17	< 1	< 10	1.61	46	110	11.1	0.06	1.15	0.06	0.038	< 10	7	< 10
34480	< 0.2	< 0.5	33	560	2	46	< 2	57	1.00	< 10	33	< 1	< 10	5.97	21	52	3.92	0.12	0.80	0.03	0.051	< 10	3	< 10
34481	< 0.2	1	59	682	7	69	< 2	110	1.71	35	24	< 1	< 10	1.96	43	130	8.27	0.07	1.21	0.10	0.044	< 10	8	< 10
34482	< 0.2	1	59	732	5	58	< 2	135	1.93	27	26	1	< 10	2.36	42	110	7.48	0.09	1.25	0.11	0.041	< 10	10	< 10
34483	< 0.2	1.0	71	595	6	66	4	131	1.41	65	15	< 1	< 10	2.20	42	92	11.0	0.06	0.87	0.11	0.033	< 10	8	< 10
34484	< 0.2	1	46	728	6	60	< 2	157	1.85	17	33	1	< 10	2.68	26	120	6.29	0.13	1.16	0.13	0.037	< 10	12	< 10
34485	< 0.2	1	96	661	7	91	3	253	1.79	55	18	1	< 10	2.40	80	120	10.4	0.08	1.06	0.09	0.040	< 10	10	< 10
34486	< 0.2	0.6	110	504	9	104	< 2	192	1.45	99	10	< 1	< 10	1.03	94	120	18.2	0.07	0.87	0.03	0.028	< 10	7	< 10
34487	< 0.2	0.5	64	619	8	75	< 2	122	1.49	61	12	1	< 10	0.93	56	120	12.4	0.06	0.99	0.05	0.036	< 10	8	< 10
34488	< 0.2	< 0.5	62	678	9	68	< 2	112	1.62	42	13	1	< 10	1.28	47	140	11.1	0.06	1.0	0.05	0.039	< 10	8	< 10
34489	< 0.2	0.6	39	641	6	51	< 2	93	1.30	29	12	< 1	< 10	1.76	34	110	7.97	0.05	1.03	0.05	0.036	< 10	6	< 10
34490	< 0.2	0.8	36	594	5	53	< 2	80	1.15	34	15	< 1	< 10	1.45	41	100	8.05	0.06	0.93	0.06	0.034	< 10	5	< 10
34491	< 0.2	1	51	613	6	62	2	86	1.23	36	19	< 1	< 10	1.87	40	96	9.11	0.08	0.96	0.06	0.033	< 10	5	< 10
34492	< 0.2	1	38	698	5	54	< 2	75	1.48	34	25	1	< 10	2.65	36	100	7.21	0.09	1.17	0.11	0.040	< 10	8	< 10
34493	< 0.2	1.0	50	555	6	56	< 2	70	1.06	1350	19	< 1	< 10	5.71	39	81	7.89	0.06	0.81	0.10	0.040	< 10	8	< 10
34494	< 0.2	1	87	710	5	72	< 2	107	1.54	42	34	1	< 10	3.21	52	110	9.83	0.12	1.10	0.11	0.036	< 10	9	< 10
34495	< 0.2	1	50	741	6	59	< 2	91	1.64	29	28	1	< 10	2.65	34	130	6.24	0.10	1.26	0.15	0.047	< 10	11	< 10
34496	< 0.2	0.7	64	666	7	71	< 2	102	1.51	38	31	1	< 10	1.53	40	130	10.2	0.12	1.06	0.09	0.040	< 10	9	< 10
34497	< 0.2	< 0.5	143	381	10	82	4	77	0.88	112	4	< 1	< 10	0.38	62	110	21.5	0.08	0.51	0.03	0.023	< 10	5	< 10
34498	< 0.2	< 0.5	113	649	9	101	3	89	1.52	79	10	1	< 10	0.86	52	130	17.3	0.08	0.97	0.04	0.031	< 10	6	< 10
34499	< 0.2	0.6	41	668	6	60	< 2	94	1.52	26	23	1	< 10	2.53	39	110	7.21	0.09	1.14	0.07	0.039	< 10	9	< 10
34500	< 0.2	0.7	54	687	4	55	< 2	146	1.38	38	21	1	< 10	3.93	33	100	7.60	0.07	1.11	0.05	0.037	< 10	9	< 10

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	Ba	Be	Bi	Ca	Co	Cr	Fe	K	Mg	Na	P	Sb	Sc	Sn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%	ppm	ppm	ppm
Detection Limit	0.2	0.5	1	2	2	1	2	1	0.01	10	1	1	10	0.01	1	2	0.01	0.01	0.01	0.01	0.001	10	1	10
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
75051	< 0.2	0.6	98	602	5	65	2	83	1.29	57	29	< 1	< 10	2.02	56	78	10.7	0.12	0.90	0.05	0.033	< 10	6	< 10
75052	< 0.2	< 0.5	59	542	5	54	9	86	1.0	6040	49	< 1	< 10	5.88	32	75	6.48	0.19	0.63	0.07	0.046	< 10	7	< 10
75053	< 0.2	0.6	90	521	7	76	10	165	1.12	126	27	< 1	< 10	2.60	50	98	11.5	0.11	0.78	0.07	0.035	< 10	5	< 10
75054	< 0.2	< 0.5	79	644	8	75	10	80	1.45	127	17	< 1	< 10	1.01	49	120	14.3	0.11	1.07	0.06	0.033	< 10	6	< 10
75055	0.2	0.6	76	694	7	68	10	95	1.47	80	22	< 1	< 10	1.39	45	100	12.3	0.08	1.07	0.06	0.035	< 10	7	< 10
75056	0.3	0.6	64	765	6	66	10	73	1.65	66	24	< 1	< 10	1.71	46	110	10.6	0.08	1.28	0.07	0.038	< 10	8	< 10
75057	< 0.2	< 0.5	99	589	8	73	10	121	1.15	39	45	< 1	< 10	3.52	53	86	11.5	0.20	0.70	0.04	0.036	< 10	6	< 10
75058	< 0.2	< 0.5	61	526	6	58	3	66	1.11	14	78	< 1	< 10	6.86	30	82	4.30	0.35	0.53	0.03	0.047	< 10	6	< 10
75059	< 0.2	0.7	52	732	7	59	6	90	1.70	38	34	< 1	< 10	2.36	33	120	6.97	0.11	1.43	0.10	0.043	< 10	9	< 10
75060	0.2	0.5	99	729	6	70	10	94	1.53	32	30	1	< 10	2.61	40	120	8.59	0.10	1.24	0.07	0.043	< 10	10	< 10
75061	< 0.2	0.8	77	787	5	64	7	208	1.61	18	48	1	< 10	3.40	32	92	6.43	0.16	1.26	0.06	0.044	< 10	10	< 10
75062	< 0.2	1	80	974	5	67	3	222	1.80	25	31	1	< 10	3.03	32	94	5.21	0.11	1.53	0.04	0.044	< 10	8	< 10
75063	0.6	1	80	729	8	76	10	414	1.19	36	70	< 1	< 10	4.88	34	80	4.35	0.20	0.85	0.03	0.042	< 10	7	< 10
75064	0.4	1	94	877	6	111	9	281	1.44	40	80	1	< 10	4.74	39	130	4.32	0.22	0.94	0.06	0.046	< 10	12	< 10
75065	0.3	< 0.5	75	893	4	141	4	78	1.54	45	58	2	< 10	3.90	41	140	4.05	0.23	0.97	0.06	0.048	< 10	15	< 10
75066	0.2	< 0.5	72	873	4	118	8	80	1.26	42	55	1	< 10	7.64	36	130	3.42	0.22	0.75	0.06	0.046	< 10	13	< 10
75067	0.5	2	121	1090	8	108	45	510	1.59	42	74	1	< 10	4.83	39	140	5.10	0.17	1.16	0.06	0.049	< 10	18	< 10
75068	< 0.2	2	72	809	5	39	21	695	0.90	40	8	2	< 10	8.91	26	120	2.67	0.02	0.55	0.13	0.053	< 10	18	< 10

Analyte Symbol	Sr	Ti	V	W	Y	Zr	S
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	1	0.01	1	10	1	1	0.001
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
33449	31	0.37	128	< 10	9	21	0.723
33450	38	0.40	105	< 10	8	29	2.228
34451	29	0.28	110	< 10	8	20	2.100
34452	43	0.32	90	< 10	7	21	3.881
34453	68	0.20	79	< 10	6	11	0.445
34454	29	0.37	136	< 10	9	24	1.306
34455	31	0.35	125	< 10	8	25	2.182
34456	27	0.33	106	< 10	7	26	2.495
34457	25	0.32	111	< 10	7	23	1.640
34458	20	0.28	106	< 10	6	26	2.173
34459	16	0.15	101	< 10	5	13	0.996
34460	48	0.25	38	< 10	4	12	1.090
34461	22	0.38	135	< 10	9	24	0.900
34462	22	0.39	135	< 10	9	34	1.836
34463	26	0.36	127	< 10	10	24	0.972
34464	25	0.38	127	< 10	10	24	1.187
34465	21	0.39	136	< 10	9	27	1.032
34466	25	0.39	133	< 10	9	30	1.423
34467	22	0.37	107	< 10	8	30	2.402
34468	22	0.24	63	< 10	6	18	2.275
34469	16	0.25	83	< 10	5	21	2.822
34470	17	0.21	71	< 10	5	20	2.744
34471	20	0.32	85	< 10	7	22	2.307
34472	26	0.31	97	< 10	7	29	5.308
34473	27	0.32	97	< 10	6	29	5.559
34474	28	0.32	103	< 10	7	29	4.103
34475	20	0.38	137	< 10	10	29	1.885
34476	22	0.33	114	< 10	7	32	3.928
34477	18	0.37	130	< 10	8	28	2.263
34478	24	0.33	108	< 10	7	29	3.752
34479	21	0.28	88	< 10	6	25	4.832
34480	24	0.16	41	< 10	4	9	1.033
34481	19	0.27	120	< 10	7	23	3.109
34482	21	0.37	118	< 10	9	32	2.664
34483	21	0.28	91	< 10	6	28	4.986
34484	20	0.38	128	< 10	9	34	1.809
34485	25	0.34	114	< 10	8	34	4.501
34486	33	0.28	73	< 10	5	33	8.034
34487	25	0.32	91	< 10	6	27	5.797
34488	27	0.33	99	< 10	7	26	4.934
34489	18	0.28	89	< 10	6	19	3.703
34490	16	0.20	78	< 10	5	16	3.943
34491	18	0.21	81	< 10	6	19	4.517
34492	25	0.33	110	< 10	8	25	3.012
34493	38	0.19	84	< 10	7	18	3.448
34494	41	0.33	105	< 10	8	31	4.322
34495	31	0.40	136	< 10	9	28	2.190
34496	30	0.35	109	< 10	8	29	4.381
34497	18	0.20	52	< 10	3	26	9.050
34498	33	0.30	78	< 10	6	34	7.485
34499	33	0.33	109	< 10	8	22	2.883
34500	32	0.31	97	< 10	7	21	2.972

Analyte Symbol	Sr	Ti	V	W	Y	Zr	S
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	1	0.01	1	10	1	1	0.001
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
75051	22	0.25	62	< 10	6	18	4.183
75052	34	0.23	56	< 10	7	15	2.677
75053	26	0.21	64	< 10	6	20	4.980
75054	24	0.24	78	< 10	7	25	6.151
75055	29	0.26	87	< 10	7	24	5.282
75056	31	0.29	102	< 10	8	25	4.387
75057	24	0.25	47	< 10	6	19	4.214
75058	33	0.28	36	< 10	8	16	1.476
75059	26	0.28	114	< 10	10	24	2.520
75060	25	0.32	110	< 10	9	22	3.521
75061	25	0.37	81	< 10	10	26	2.165
75062	17	0.29	84	< 10	9	19	1.055
75063	24	0.27	47	< 10	9	22	1.440
75064	23	0.39	101	< 10	11	24	0.891
75065	21	0.48	123	< 10	13	22	0.477
75066	36	0.41	107	< 10	12	19	0.506
75067	26	0.39	143	< 10	12	17	0.708
75068	28	0.46	154	< 10	12	12	0.269

Quality Control

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	Ba	Be	Bi	Ca	Co	Cr	Fe	K	Mg	Na	P	Sb	Sc	Sn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	%	%	%	ppm	ppm	ppm
Detection Limit	0.2	0.5	1	2	2	1	2	1	0.01	10	1	1	10	0.01	1	2	0.01	0.01	0.01	0.01	0.001	10	1	10
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.3	0.6	74	1120	< 2	27	97	133	4.45	193	1460	< 1	< 10	0.24	14	84	4.85	1.01	0.25	0.11	0.025	< 10	27	< 10
GXR-6 Cert	1	1	66	1010	2	27	100	118	17.7	330	1300	1	0.29	0.18	14	96	5.58	1.87	0.61	0.10	0.035	3.6	28	1.7
GXR-2 Meas	20	5	85	1140	< 2	21	737	644	2.14	14	1530	< 1	< 10	0.81	9	25	1.62	0.57	0.31	0.20	0.044	< 10	5	< 10
GXR-2 Cert	17	4	76	1010	2	21	690	530	16.5	25	2240	2	0.69	0.93	9	36	1.86	1.4	0.85	0.56	0.10	49	7	1.7
GXR-1 Meas	28.7	3	1190	867	20	39	622	745	0.24	380	489	< 1	1410	0.81	6	10	20.3	0.03	0.08	0.07	0.037	50	1	22
GXR-1 Cert	31.0	3	1110	852	20	41	730	760	3.5	427	750	1	1380	0.96	8	10	23.6	0.05	0.2	0.05	0.065	120	2	54
GXR-4 Meas	3.6	0.6	6500	150	331	43	40	78	1.66	111	44	1	21	0.90	15	57	2.67	1.46	0.96	0.16	0.102	< 10	8	< 10
GXR-4 Cert	4.0	0.9	6520	160	310	42	52	73	7.20	98.0	1600	2	19	1.0	15	64	3.09	4.01	1.7	0.56	0.120	4.8	8	5.6
34461 Rep Orig	< 0.2	0.7	54	703	7	58	< 2	88	1.79	< 10	27	1	< 10	2.95	27	130	4.50	0.09	1.17	0.10	0.048	< 10	10	< 10
34461 Rep Dup	< 0.2	0.8	54	695	6	57	< 2	87	1.86	< 10	29	1	< 10	3.07	27	130	4.49	0.09	1.17	0.11	0.047	< 10	11	< 10
34475 Rep Orig	< 0.2	0.6	37	741	6	59	< 2	71	1.94	< 10	30	1	< 10	2.38	29	130	5.87	0.11	1.33	0.11	0.045	< 10	11	< 10
34475 Rep Dup	< 0.2	0.8	37	710	6	59	< 2	71	1.88	18	28	1	< 10	2.34	29	130	5.69	0.11	1.31	0.10	0.043	< 10	11	< 10
34488 Rep Orig	< 0.2	< 0.5	62	678	9	68	< 2	112	1.62	42	13	1	< 10	1.28	47	140	11.1	0.06	1.04	0.05	0.039	< 10	8	< 10
34488 Rep Dup	< 0.2	0.6	53	595	7	61	< 2	103	1.42	41	11	1	< 10	1.11	43	120	9.73	0.06	0.95	0.04	0.034	< 10	6	< 10
75052 Rep Orig	< 0.2	< 0.5	59	542	5	54	9	86	0.98	6040	34	< 1	< 10	5.72	32	72	6.48	0.14	0.63	0.04	0.046	< 10	5	< 10
75052 Rep Dup	< 0.2	0.7	57	535	5	53	9	86	1.04	5880	49	< 1	< 10	5.88	32	75	6.28	0.19	0.62	0.07	0.045	< 10	7	< 10

Quality Control

Analyte Symbol	Sr	Ti	V	W	Y	Zr	S
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	1	0.01	1	10	1	1	0.001
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	52	0.10	174	< 10	8	6	0.009
GXR-6 Cert	35		186	1.9	10	100	0.02
GXR-2 Meas	110	0.09	47	< 10	12	10	0.018
GXR-2 Cert	160		52	1.9	17	300	0.031
GXR-1 Meas	217	< 0.01	79	118	29	17	0.120
GXR-1 Cert	275		80	164	32	38	0.257
GXR-4 Meas	86	0.14	88	< 10	13	9	1.062
GXR-4 Cert	220		87	31	14	200	1.770
34461 Rep Orig	20	0.36	130	< 10	9	22	0.870
34461 Rep Dup	22	0.38	135	< 10	9	24	0.900
34475 Rep Orig	20	0.38	137	< 10	10	29	1.885
34475 Rep Dup	19	0.37	137	< 10	10	29	1.859
34488 Rep Orig	27	0.33	99	< 10	7	26	4.934
34488 Rep Dup	20	0.29	86	< 10	6	22	4.561
75052 Rep Orig	33	0.16	50	< 10	5	12	2.605
75052 Rep Dup	34	0.23	56	< 10	7	15	2.677

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

6W-1718-RA1

Company: **HINTERLAND METALS**
Project: Teck
Attn: F. Kiernicki

Date: JUN-14-06

We hereby certify the following Assay of 10 Core samples submitted JUN-10-06 by .

Sample Number	Au g/tonne	Au Check g/tonne
75069	0.01	-
75070	Nil	0.01
75071	Nil	-
75072	0.01	Nil
75073	0.01	-
75074	0.02	-
75075	Nil	-
75076	Nil	-
75077	Nil	0.01
75078	Nil	-

Certified by Denis Chartrand

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Appendix E - Analytical Procedures

C.P. / P.O. BOX 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX.: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE.
BOURLAMAQUE ASSAY LABORATORIES LTD.

Procedure

At reception, samples are sorted, weighed and labelled. The entire sample is single stage (one pass) crushed to a minimum 80% <1.70 mm. From the crushed material, a Jones riffle is used to split a nominal 250-g sub-sample, which is pulverized to a minimum 85 % <75 µm (pulp). The remaining crushed material (reject) is stored for future reference. Gold is determined on a 30-gram portion of the sample pulp by classical fire assay (FA) and atomic absorption spectrometry (AAS) with a lower reporting limit of 0.01 ppm. Samples reporting values >10.00 ppm are resubmitted for fire assay with a gravimetric finish.
Silver, copper and zinc are determined on a 0.50 g portion of the pulp using an aqua regia leach and atomic absorption spectrometry with lower reporting limits of 0.5 ppm, 5 ppm and 5 ppm respectively.

Quality Control

Gold barren rock is passed through the sample preparation circuit before each batch operation. One or two blank samples are processed through the entire preparation and analytical procedure. Sample preparation equipment is cleaned between each sample with a jet of compressed air. Preparation duplicates are prepared at forty (40) sample intervals. Particle size is monitored through screen tests at the beginning of each work shift, each batch process, and on every 40th sample at both stages. Performance data is recorded for reference at any time. This allows us to respond immediately to any decline in sample preparation quality and assures that preparation work specifications are consistently achieved. Duplicate analyses on pulps are at twenty sample intervals. A gold reference material is analysed for each batch of forty samples. Reagent blanks are analysed for atomic absorption methods and calibration standards are verified at the end of each instrument run. Balance accuracies are verified daily with calibrated weights.

Linda-D. Melnbardis, chemist
Quebec Order of Chemists 82-119

127 Boul. Industriel, Rouyn-Noranda, Qc J9X 6P2
Tel : (819) 762-7100 Fax : (819) 762-7510

Expert Laboratory

GOLD FIRE ASSAY GEOCHEM

A 29.166gm sample is weighed into a crucible that has been previously charged with approximately 130gm of flux. The sample is then mixed and 1mg of silver nitrate is added. The sample is then fused at 1800 F for approximately 45 minutes. The sample is then poured in a conical mold and allowed to cool, after cooling, the slag is broken off and the lead button weighing 25-30gm is recovered. This lead button is then cupelled at 1600 F until all the lead is oxidized. After cooling, the dore bead is placed in a 12 X 75 mm test tube. 0.2ml of 1:1 nitric acid is added and allowed to react in a water bath for 30 minutes, 0.3ml of concentrated hydrochloric acid is then added and allowed to react in the water bath for 30 minutes. The sample is then removed from the water bath and 4.5 ml of distilled water is added, the sample is thoroughly mixed allowed to settle and the gold is determined by atomic absorption.

Each furnace batch comprises 28 samples that include a reagent blank and gold standard. Crucibles are not reused until we have obtained the result of the sample that was previously in each crucible. Crucibles that have had gold values of 200 PPB are discarded. The lower detection limit is 5 PPB and samples assaying over 1000 PPB are checked gravimetrically.

GOLD FIRE ASSAY GRAVIMETRIC

A 29.166gm sample is weighed into a crucible that has been previously charged with approximately 130gm of flux. The sample is then mixed and 2mg of silver nitrate is added. The sample is then fused at 1800 F for approximately 45 minutes. The sample is then poured in a conical mold and allowed to cool, after cooling, the slag is broken off and the lead button weighing 25-30gm is recovered. This lead button is then cupelled at 1600 F until all the lead is oxidized. After cooling, the dore bead is flattened with a hammer and placed in a porcelain parting cup. The cup is filled with 1:7 nitric acid and heated to dissolve the silver. When the reaction appears to be finished, a drop of concentrated nitric acid is added and the sample is observed to ensure there is no further action. The gold bead is then washed several times with hot distilled water, dried, annealed, cooled and weighed.

Each furnace batch comprises 28 samples that include a reagent blank and gold standard. Crucibles are not reused until we have obtained the result of the sample that was previously in each crucible. Crucibles that have had gold values of 3.00 g/t are discarded. The lower detection limit is 0

Code 1E1 – Aqua Regia - ICP-OES

0.5 g of sample is digested with aqua regia (0.5 ml H_2O, 0.6 ml concentrated HNO_3 and 1.8 ml concentrated HCl) for 2 hours at 95°C. Sample is cooled then diluted to 10 ml with deionized water and homogenized. The samples are then analyzed using either a Varian VISTA PRO, Varian 735-ES or Perkin Elmer OPTIMA 3000 Radial ICP for the 30 element suite. A matrix standard and blank are run every 13 samples. For vegetation a 0.25 g sample is used.

A series of USGS-geochemical standards are used as controls. This digestion is near total for base metals however will only be partial for silicates and oxides.

Code 1E1 Elements and Detection Limits (ppm)

Element	Detection Limit	Upper Limit
Ag*	0.2	100
Al*	0.01%	
As*	10	
Ba*	1	
Be*	1	
Bi	10	
Ca*	0.01%	
Cd	0.5	2,000
Co*	1	

Cr*	2	
Cu	1	10,000
Fe*	0.01%	
K*	0.01%	
Mg*	0.01%	
Mn*	2	10,000
Mo*	2	10,000
Na*	0.01%	
Ni*	1	10,000
P*	0.001%	
Pb*	2	5,000
S*	100	
Sb*	10	
Sc*	1	
Sn*	10	
Ti*	0.01%	
V*	1	
W*	10	
Y*	1	
Zn*	1	10,000
Zr*	1	

Notes: * Element may only be partially extracted.

Assays are recommended for values which exceed the upper limits.

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Swastika Laboratories Ltd.
Sample Preparation & Assay Procedures

Department: Fire Assay

Product/Process: Sample & flux weighing and fire assay furnace procedures

Document Owner: Swastika Laboratories Ltd.

Version	Date	Author	Change Description
FA-1	3.24.08	D. Chartre	

Purpose:

To produce precious metal beads from prepared drill core and chip samples for analysis.

Materials:

Pulverized samples of 300 - 400g, 90 – 95% of which passes through 100 mesh screen.
Pre-mixed fire assay flux with silver sulphate (inquart)
Flour, silica and borax
30g crucibles
Size 6A cupels

Procedure:

1. A one (1) assay ton sample is drawn from the envelope containing pulverized material using a clean metal spatula, weighed and placed into 30g crucible containing flux. Crucibles are marked with the customer name, sample number and certificate number.
2. Depending on rock type, varying amounts of flour, silica and borax may be added to ensure a proper fusion and a smooth pour from the crucible
3. The crucible containing the sample, flux and other necessary ingredients are thoroughly mixed in a tumbler prior to fusion in the furnace oven.
4. The crucible is placed in the fusion oven and heated until a proper fusion (reduction) is completed, after which it is removed and the contents poured into a metal mold for cooling/solidification.
5. The solidified material from the mold is hammered to remove the slag and the lead button is placed in a cupel.
6. The cupel containing the lead button is loaded into a furnace until all the lead has been absorbed into the cupel (oxidation)
7. The cupel with the precious metal button is removed from the oven and allowed to cool before being placed onto a tray for gravimetric or AA analysis.

Precautions:

- Assays are repeated when there is an improper fusion or the lead button is undersized/oversized
- 10% of samples are re-assayed as part of our internal quality control procedures
- In the case of samples with a high percentage of sulphides or those with a complex matrix, the assayer may elect to re-assay the sample on a reduced assay sample size. This again is based on the assayer's experience and knowledge.
- Copper is added to certain fusions to ensure sample order is maintained