GEOCHEMICAL ASSESSMENT REPORT

on the

PELICAN PROPERTY

Tenure No. 222171

Liard Mining Division

NTS: 104B/10W

BCGS Map Sheets: 104B056

Latitude: 56° 34.4′ N; Longitude 130° 52.5′ W

UTM (NAD 83 – Zone 9): 6 271 429 N; 384 804 E

Owners:

Imperial Metals Corporation – 76.274%
Chris Graf – 23.726%

Operator:

Imperial Metals Corporation
200-580 Hornby Street, Vancouver, BC V6C 3B6

Author: Benjamin Eggers. P.Geo.

November 10, 2015

BRITISH COLUMBIA
The Best Place on Earth

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: GEOCHEMICAL ASSESSMENT REPORT **TOTAL COST:** $10,474.65

AUTHOR(S): Benjamin Eggers, P. Geo. **SIGNATURE(S):**

PROFESSIONAL ENGINEER PROVINCE OF B. K. EGGERS # 40384 BRITISH COLUMBIA GEO SCIENTIST

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A **YEAR OF WORK:** 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5567970 / August 27, 2015

PROPERTY NAME: PELICAN

CLAIM NAME(S) (on which the work was done): 222171

COMMODITIES SOUGHT: Au, Cu, Pb, Zn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 104B 214

MINING DIVISION: Liard **NTS/BCGS:** 104B/10W / 104B056

LATITUDE: 56 ° 34.4 ' " **LONGITUDE:** 130 ° 52.5 ' " **(at centre of work)**

OWNER(S):

1) Imperial Metals Corporation
76.274% interest

2) Chris Graf
23.726% interest

MAILING ADDRESS:

200-580 Hornby Street
Vancouver, BC V6C 3B6

6242 Cartwright Street, PO Box 20
Wardner, BC V0B 2J0

OPERATOR(S) [who paid for the work]:

1) Imperial Metals Corporation

2)

MAILING ADDRESS:

200-580 Hornby Street
Vancouver, BC V6C 3B6

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Stikina Terrane, Upper Triassic Stuhini Group sediments, banded siltstone, Early Jurassic (195 - 190 Ma) Lehto Plutonic Suite, granodiorite, quartz monzonite, syenite, feldspar porphyry, Sky Fault System, Bronson Corridor, northwest shears, quartz-sericite-pyrite alteration, quartz-sulphide veining, pyrite, magnetite, chalcopyite, sphalerite, galena, gold, silver

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 16727, 16892, 16931, 19002, 19241, 21365

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	13 samples / 36 element ICP-ES / MS	222171	$8,300.54
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	13 / Bureau Veritas (Acme Labs)	222171	$306.91
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	Report preparation, program administration	222171	$1,867.20
		TOTAL COST:	$10,474.65

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SECTION A: REPORT

INTRODUCTION

The Pelican Property is located in the Iskut River area, northwestern British Columbia and is owned jointly by Imperial Metals Corporation of Vancouver, BC and Chris Graf of Wardner, BC. The centre of the Property is approximately 18 km southeast of the Snip mine, 6 km southeast of the Inel deposit, and 29 km southwest of the Eskay mine. It covers an area within the Bronson corridor originally targeted for porphyry copper style mineralization during the 1960's – 1970's and subsequently for high-grade gold mineralization adjacent to the regional Sky fault system. Narrow shears hosting weak base metal and gold mineralization hosted in Upper Triassic Stuhini Group sediments have been identified on the Property at the Pelican, SJ, Ger and Sericite East showings.

Systematic exploration of the property by Lonestar Resources began in 1983 with regional mapping, stream sediment and soil sampling surveys completed as part of a larger claim holding in the Pelican area. This program identified several showings consisting of small sulphide shears or quartz-sulphide veins. Subsequent work completed by Western Canadian Mining and Cathedral Gold Corporation built on these discoveries and identified additional showings until on-ground work was suspended following the 1990 field season.

Geological mapping by the BC Geological Survey has highlighted that the Bronson corridor occupies a similar structural and stratigraphic setting to that of the Kerr-Sulphurets-Mitchell-Brucejack porphyry epithermal camp and that the Sky fault system played a key role in localizing Early Jurassic intrusion and mineralization. Recent exploration drilling results obtained by Colorado Resources Ltd and Snip Gold Corporation have also sparked renewed interest in the area. This reports documents the program of rock chip sampling and prospecting undertaken by the Company in August 2015.

PROPERTY:

The Pelican Property is owned jointly by Imperial Metals Corporation (76.274%) and Chris Graf (23.726%) as of January 23, 2015. Imperial Metals Corporation has been acting as operator for the Property and has increased its stake through funding assessment expenditure.

The Property is located 90 km northwest of Stewart, BC (Figure PE-15-1) in the Boundary Ranges and covering a branch of Snippaker Creek, itself a tributary of the Iskut River (Figure PE-15-2). The claim group consists of 2 mineral tenures, totaling 26 units, covering a gross area of 650.00 ha (Figure PE-15-3).

The details of the mineral tenures that comprise the Property are set out in Section B of this report. The "good to dates" are based on the Statement of Exploration and Development Work registered on August 27, 2015 as Event #5567970 and assume that the work contained in this report will be accepted for assessment purposes.

LOCATION AND ACCESS:

The Pelican project is located in the Laird Mining Division, 90 km northwest of Stewart, BC and 23 km northeast of the international border in the Iskut River area. Historically access to the Property was by fixed wing aircraft from Terrace (280 km), Smithers (320 km) or Wrangell, Alaska (80 km) to the Bronson, Johnny Mountain or Snippaker gravel airstrips then by helicopter to the claims. The closest of these airstrips is the Snippaker located 6 km east of the claims on Snippaker Creek, although this is no longer maintained. The larger Bronson airstrip lies 18 km to the northwest of the Property.

Imperial Metals

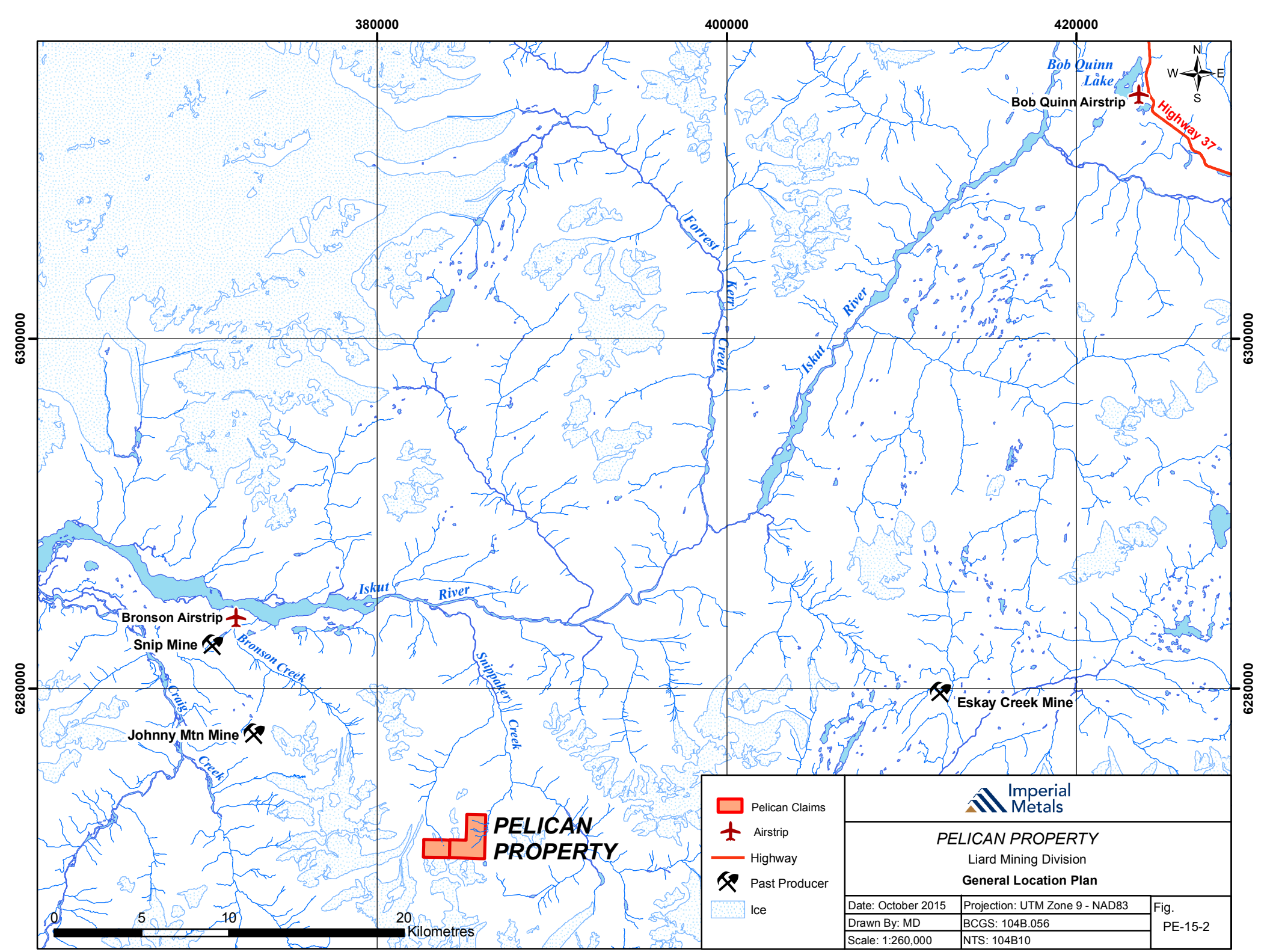
IMPERIAL METALS CORPORATION

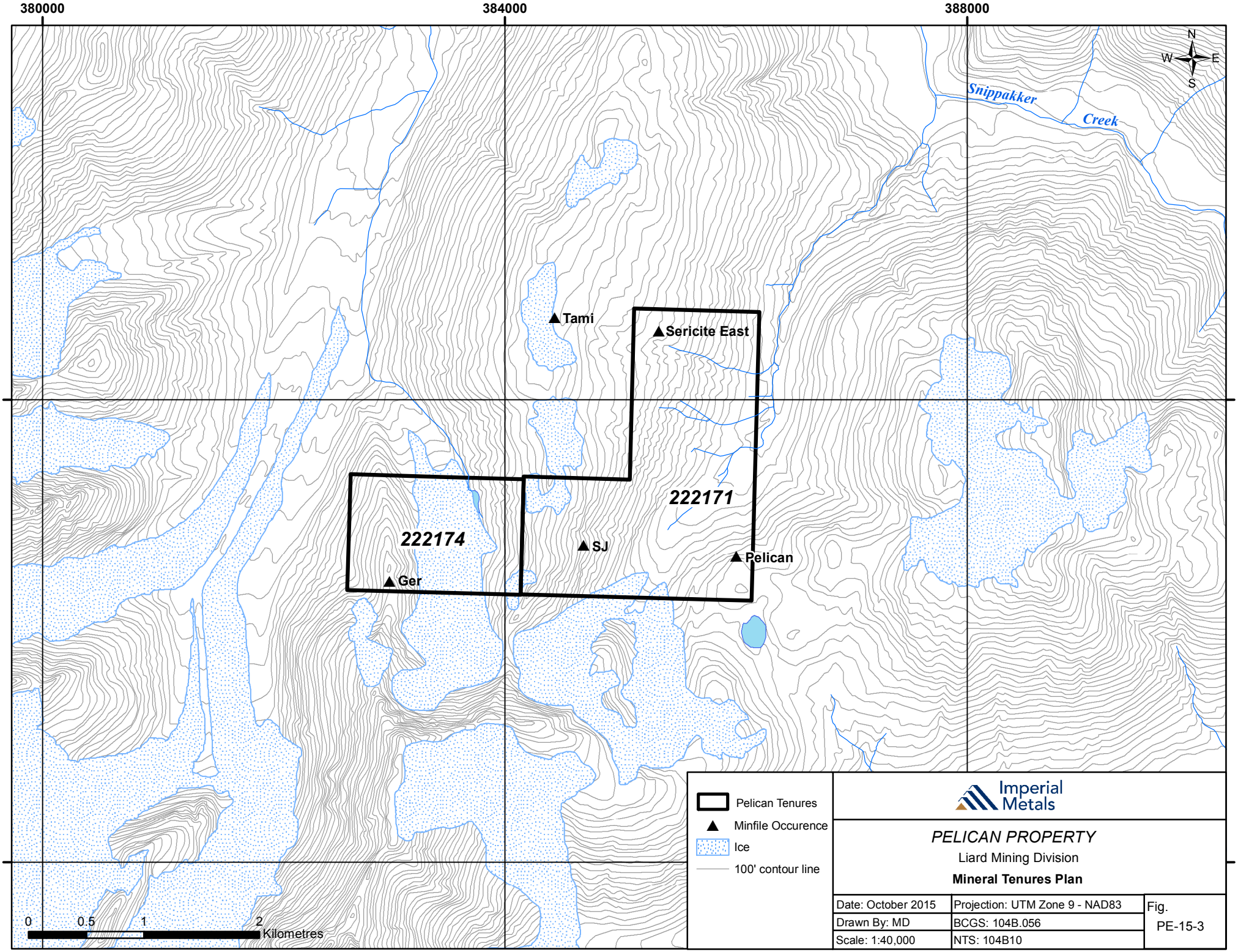
PELICAN PROPERTY

Liard Mining Division

Pelican Location Map

Date: October 2015		Figure: BR-15-1
Scale: As Shown	Drawn By: MD	


380000
400000
420000
6300000
6280000
Bob Quinn Lake
Bob Quinn Airstrip
Highway 37
N
W
E
S
Forrest Kerr Creek
Iskut River
Iskut River
Bronson Airstrip
Snip Mine
Bronson Creek
Craig Creek
Johnny Mtn Mine
Snippaker Creek
Eskay Creek Mine
PELICAN PROPERTY
0
5
10
20
Kilometres
Pelican Claims
Airstrip
Highway
Past Producer
Ice
Imperial Metals
PELICAN PROPERTY
Liard Mining Division
General Location Plan
Date: October 2015
Projection: UTM Zone 9 - NAD83
Drawn By: MD
BCGS: 104B.056
Scale: 1:260,000
NTS: 104B10
Fig. PE-15-2


380000
384000
388000
6272000
6268000
N
W
E
S
Snippakker
Creek
Tami
Sericite East
222171
222174
SJ
Pelican
Ger
0
0.5
1
2
Kilometres
Pelican Tenures
Minfile Occurence
Ice
100' contour line
Imperial Metals
PELICAN PROPERTY
Liard Mining Division
Mineral Tenures Plan
Date: October 2015
Projection: UTM Zone 9 - NAD83
Drawn By: MD
BCGS: 104B.056
Scale: 1:40,000
NTS: 104B10
Fig.
PE-15-3

Access to the area has been greatly improved with the development of the Eskay mine and AltaGas Forrest-Kerr run-of-river project access roads. A 54 km gravel road from Bob Quinn Lake on the Stewart – Cassiar Highway 37 reaches the Iskut River within 14 km of the Pelican Property. Helicopter support remains a requirement for access to the claims given the mountainous terrain and steep glacial valleys present in the area.

The Property is located on NTS map sheet 104B/10W and BCGS map sheet 104B056. The geographic centre of the claims is 56° 34.4′ North latitude and 130° 52.5′ West longitude while the UTM coordinates are 384 804 E, 6 271 429 N (NAD 83, Zone 09).

CLIMATE, TOPOGRAPHY AND VEGETATION:

The Pelican claims are located within the Boundary Ranges, the northern subdivision of the Coast Mountains. The property covers an area of rugged mountainous terrain incised by steep glacial valleys and receives an average annual precipitation of 3,587 mm with a mean temperature of 9.5 °C in summer and -7.8 °C in winter (UBC, 2015). Much of this precipitation falls as snow covering bedrock exposure and making for a relatively short effective field operating season during the summer months.

Elevation on the Property ranges from a low of 900 m in the valley floor draining into Snippaker Creek in the northeast of the claims, up to 1600 m on the top of Sericite Ridge at the centre of the property. The West Sericite Glacier separates the Ger showing on the far western ridge of the claims from Sericite Ridge and the SJ and Pelican showings further to the east. At the southern edge of the claims the Lake Glacier has retreated slightly since the late 1980's, with the toe edge of the glacier no longer extending onto the Pelican property. Stunted (1-4 m) spruce trees and patchy alder cover the valleys slopes in the lower portion of the Snippaker Creek drainage and much of the area consists of steep scree slopes and bluffs with limited vegetation which is only accessible with mountain climbing gear. Alpine grasses, moss, talus and snow cover limit exposure in higher elevation areas and glacial moraine obscures bedrock outcrop below the Lake Glacier.

HISTORY:

Mineral exploration in the Pelican area, as summarised by D. Gorc (1991), began with the discovery of gold mineralization near Johnny Mountain in 1907. There were several episodes of exploration since then looking for both precious metal and base metal deposits. In the 1960's – 1970's the large gossans present throughout the Bronson corridor and on the Pelican property were explored as porphyry copper targets. During the 1980's exploration for precious metals led to the discovery of the Johnny Mountain, Snip and Brucejack gold deposits.

The Sericite Ridge gossan present on the Pelican property was first explored in 1972 by Great Plains Development. Subsequently Teck Corporation worked the area before Chris Graf – Lonestar Resources, staked the Pelican property as part of the larger group of Gossan claims in 1983. Lonestar completed an extensive regional mapping, stream sediment and soil sampling surveys across the Gossan claims. This program led to the discovery of several showings of sulphide shears or quartz-sulphide veins, including the Pelican showing, on what was at that time a much larger claim group.

Western Canadian Mining signed an option agreement with Mr. Graf in 1985 whereby they could earn a 60% interest in the Gossan claims. They completed geological mapping and soil surveys on portions of the Pelican property.

In August 1988 Cathedral Gold Corporation and two limited partnerships managed by Imperial Metals Corporation signed an agreement with Western Canadian Mining to acquire Western Canadian's 60%

interest in the Bronson and Pelican portions of the former Gossan property. Additional prospecting, rock chip sampling, several small soil sampling grids, VLF-electromagnetic and magnetic surveys were completed on the property that year.

An airborne electromagnetic survey was completed by Aerodat in 1989 over the entire Pelican property identifying several conductors and magnetic anomalies for follow up. A field program was carried out by Cathedral Gold on the property in 1990 and a camp established near the centre of the claims by the small lake east of the Pelican showing. This geochemical and geophysical program included soil and rock chip sampling, induced polarization, horizontal loop EM, double dipole IP and magnetic surveys.

No further on-ground work has been undertaken since the 1990 field season.

REGIONAL GEOLOGY:

The Bronson corridor is a belt of mineralization located in the northwest of the Stikina terrane (Figure PE-15-4). The area is underlain by rocks of the Upper Triassic –Lower Jurassic Stuhini and Hazelton Groups and intruded by a series of Early Jurassic (195-190 Ma) plutons, stocks and dikes of the Lehto plutonic suite (Kyba & Nelson, 2015). The stratified rocks consist of submarine to sub-arial fragmental volcanics interlayered with a sequence of argillite, banded siltstone, greywacke, conglomerate and minor limestone. Regionally the sequence has been metamorphosed to greenschist facies and is strongly deformed. The area has a general northwest structural trend which is broken by a series of north to northeast fault structures. Numerous large quartz-sericite-pyrite (QSP) alteration zones and precious metals veins and stockworks are present within the corridor and are spatially associated with the intrusive suite.

The 20 kilometre-long Sky fault system is set of syn-mineral normal faults and reactivated post-mineral reverse faults which bounds the Bronson corridor to the southwest. This fault system played a key role in localizing Early Jurassic intrusion and mineralization along the trend, with zones of highly QSP-altered rocks adjacent to it along the length of the corridor. Cretaceous thrust reactivation was facilitated by the mechanically weak, highly altered clay-sericite-rich rocks (Kyba & Nelson, 2015).

Very coarse, immature lower Hazelton Group conglomerates near the Sky fault zone south of Johnny Mountain are indicative of steep local slopes and clast contributions from a variety of nearby sources. Previously brecciated hypabyssal intrusive clasts in one of the deposits suggests deposition proximal to a penecontemporaneous fault (Kyba & Nelson, 2015).

PROPERTY GEOLOGY:

The Pelican property is underlain by volcanic and sedimentary rocks of the Upper Triassic Stuhini Group intruded by several phases of the Early Jurassic Lehto plutonic suite. Banded siltstones of the Stuhini Group are exposed at higher elevations across the property and the entire area appears to be underlain and intruded by Lehto Suite granodiorite, quartz monzonite, syenite and feldspar porphyry stocks and dikes (Oliver, 2015). Distinctive orthoclase porphyry dikes with large phenocrysts (1 – 3 cm) are present as well as narrow alkali basalt and diorite dikes. Alteration of the volcano-sedimentary sequence consists of variable silicification and sericite alteration with disseminated pyrite occuring throughout the sequence and increased in areas of more intense alteration. The alteration, disseminated pyrite and also narrow vein mineralization on the property is thought to be related to the underlying Early Jurassic intrusives.

The SJ Zone was identified by Western Canadian in 1987 and soil surveying produced a 400 m x 400 m zone of anomalous gold in soil values above 50 ppb with a peak value of 650 ppb. Subsequent sampling by Cathedral Gold in 1990 to further delineate the gold anomalism identified a 5 m wide northwest trending shear and dipping moderately to the southwest within quartz-sericite-pyrite altered banded

siltstone. Talus fines returned up to 3 g/t Au and the narrow shear was thought to be the source of the gold mineralization (Gorc, 1991).

A soil survey in 1987 by Western Canadian at the Sericite East showing outlined an area of gold in soil anomalism associated with strongly sericite and silica altered felsic volcaniclastics and laminated siltstones. Mafic and felsic dikes and quartz veining crosscut all rock types in the area. One sample of intensely altered felsic volcanics, described as sericite-chlorite-schist with disseminated pyrite and chalcopyrite assayed 0.45 g/t Au, 9.9 g/t Ag and 0.83% Cu (Peterson & Butterworth, 1987). The 1989 airborne electromagnetic survey completed by Aerodat identified coincident conductors in the vicinity of the showing and a brief follow up by Cathedral Gold produced a sample of QSP-altered rock assaying 630 ppb Au (Minfile 104B 318).

During 1988 Cathedral Gold completed rock chip sampling, established a small soil sampling grid and completed VLF-electromagnetic and magnetometer surveys at the Pelican showing. Samples of mineralized float material below the Pelican cliff returned up to 2895 ppb Au and the VLF-electromagnetic survey indicated conductors above this float. The following year Aerodat identified airborne electromagnetic conductors coincident with the showing and samples taken in 1990 returned highs of 1.8 g/t Au, 0.42 % Cu, 2.3 % Zn and 30.8 g/t Ag (Gorc, 1991). The Pelican showing consists on magnetite-rich vein mineralization with minor sphalerite hosted in pyritic siltstones exposed in the steep cliffs. Randomly oriented narrow discontinuous quartz-sulphide veining is also present and alteration consists of chlorite calcite with minor epidote, diopside, quartz and pyrite (Minfile 104B 214).

At the far western side of the property, the Ger showing occurs within strongly silicified, pyritic greywacke underlain and intruded by the Lehto Suite intrusives. A narrow 5 – 15 cm wide limonitic quartz vein with 5 – 10 % pyrite mineralization strikes variably north-south and dips moderately to the west. Sampling of this vein in 1990 by Jazzman Resources returned assay values up to 12.21 g/t Au, 12.0 g/t Ag and 131 ppm Cu (Minfile 104B 555).

2015 GEOCHEMICAL SAMPLING AND PROSPECTING PROGRAM:

The 2015 Pelican field program was completed in late summer, August 8th – 9th, while the amount of snow cover was at a minimum. A two man crew was mobilized to the AltaGas Forest Kerr camp on the Iskut River where a Bell 206LR helicopter was stationed for the season. Work on the property was completed in conjunction with the neighbouring Bronson property. The crew accessed the claims by helicopter daily during a period of fine weather, with relatively clear skies and cool conditions.

Two days were spent prospecting and rock chip sampling the upper slopes of the eastern side of Sericite Ridge near the SJ showing, along a traverse into the valley draining to Snippaker Creek and at the toe of the Lake Glacier between the SJ and Pelican showings which has retreated substantially since previous explorers visited the claims in 1990.

Steep talus slopes and bluffs in the vicinity of the SJ showing on Sericite Ridge limited the amount of ground covered and access to some areas requires mountain climbing equipment. The narrow northwest trending shear zone previously identified in 1990 was targeted, but follow up sampling in the vicinity of this shear returned only weakly anomalous gold values. Multiple narrow northwest trending gossanous shear zones are evident in the slopes at the SJ showing with associated 5 – 50 cm wide quartz-pyrite veining as well as narrow (~1 m wide) basaltic dikes both trending northwest to north-northwest and dipping moderate to steeply towards the west. The highest assay values from sampling of the QSP-altered siltstone in these shears was 170 ppb Au, 188 ppm Cu, 178 ppm Pb and 412 ppm Zn and sampling of the associated quartz veining returned no significant values.

Sampling along the traverse from the upper slopes of Sericite Ridge into the valley to the east and to the toe of the Lake Glacier between the SJ and Pelican showings did not return any significant gold of base metal values. Bedrock outcrop at the lower elevations of the valley floor revealed several phases of the Lehto intrusive suite with small plugs and dikes of the orthoclase porphyry and alkali basalt more prevalent here within the granodiorite-diorite than at higher elevations within the banded siltstone.

The retreat of the Lake Glacier has revealed new bedrock exposure at the head of the valley. As previously mapped the gossanous northwest trending shear zones present at the SJ showing outcrop in the cliffs of the small ridge isolated by the Lake Glacier which lies just outside the current Pelican claims. Investigation of the new exposure along the valley walls in this area did not reveal much of interest.

CONCLUSIONS:

The prospecting and rock chip sampling completed during the limited 2015 field program confirmed the presence of multiple narrow northwest trending shears present in the vicinity of the SJ showing but sampling of the these shears confirmed only weak gold mineralization comparable with earlier findings (Gorc, 1991). Several narrow pyritic shears were evident in the area and sampling of these returned only weakly anomalous gold values.

Field work completed elsewhere on the claims did not identify any new areas of interest.

RECOMMENDATIONS:

Recent work conducted by Colorado Resources Ltd. since the completion of the Pelican field program on the neighboring Tami target, 1 km west of the Sercite East showing, has confirmed porphyry style low-grade gold mineralization trending toward the Imperial Metals Pelican claims. Channel sampling from the 2015 Colorado program returned 45 m grading 0.45 g/t Au and 0.05% Cu located 250 m west of the Sericite East showing and 100 m west of the Imperial Metals Pelican claim boundary (Colorado, 2015). The Tami trend strikes east and gold mineralization has been confirmed over 700 m of strike extent towards the Pelican claims.

The Sericite East area was not visited during the 2015 field program but previous work on the showing indicates that low-grade Au mineralization is present within quartz-sericite-pyrite altered felsic volcanics. The nature and extent of the mineralization in this area should be followed up and assessed as part of a broader porphyry style target.

Respectfully submitted,

Benjamin Eggers, P.Geo.

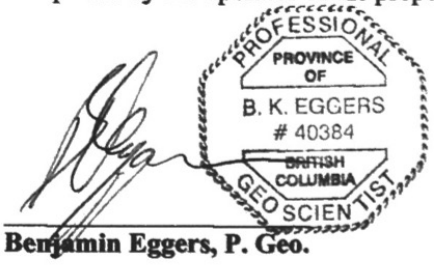
STATEMENT OF QUALIFICATIONS:

For: Benjamin Eggers of 321 Olsen Road, Tofino, British Columbia.

I graduated from the University of Otago, New Zealand with a Bachelor of Science Degree with Honours in Geology (2004) and have been practicing my profession as a geologist in mineral exploration and mining continuously since graduation;

I am a registered member in good standing as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (Licence #40384);

The observations, conclusions and recommendations contained in the report are based on supervision of the described program, field examinations and the evaluation of results of the exploration program completed by the operator of the property.



Benjamin Eggers, P. Geo.

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Minfile 104B 214: Pelican, British Columbia Ministry of Energy and Mines.

Minfile104B 318: Sericite East, British Columbia Ministry of Energy and Mines.

Minfile 104B 555: Ger, British Columbia Ministry of Energy and Mines.

Minfile 104B 556: SJ, British Columbia Ministry of Energy and Mines.

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SECTION B: PROPERTY

SCHEDULE OF MINERAL TENURES:

PELICAN PROPERTY: MINERAL TENURES							Date:	Aug 27 2015
OWNER:	Imperial Metals Corporation	76.274%	(Jan 23 2015)	BC Client No.	144344		Tenures:	2
	Chris Graf	23.726%	(Jan 23 2015)	BC Client No.	110139		Cells/Units:	26
ROYALTY:	Western Canadian Mining Corporation	5% NPI					Area (ha):	650.00

MINING DIVISION: Liard			LAND DISTRICT: Cassiar		LAND TITLE DISTRICT: Prince Rupert
LOCATION:	Pelican	90 km NW of Stewart BC			
MAP NO.	NTS:	104B/10W	GEOGRAPHIC COORDINATES:	56° 34.4′ N;	130° 52.5′ W
	BCGS:	104B056	UTM COORDINATES (NAD 83, ZONE 09):	6 271 429 N	384 804 E

MAP REFERENCE:	
1:250 000	104B
1:50 000	104B/10
1:20 000	104B056

TENURE RECORDS:

Tenure No.	Tenure Type	Claim Name	Map No.	Record Date	Good To Date	Work Year	Cells	Area (ha)	Work Factor	Work**
Pelican:										
222171	Mineral	Gossan 6	104B056	1982/aug/24	2017/oct/01	6	20	500.00	$15.00	$7,500.00
222174	Mineral	Gossan 9	104B056	1982/aug/24	2017/oct/01	6	6	150.00	$15.00	$2,250.00
TOTAL	**2**						**26**	**650.00**		**$9,750.00**

** Based on Mineral Tenure Act Regulation Amendments effective July 1, 2012: Year 1 and 2 / $5.00/ha; Year 3 and 4 / $10.00/ha; Year 5 and 6 / $15.00/ha; Year 7 and beyond / $20.00/ha

2016 Tenure Maintenance Requirements:	Assessment or Cash-in Lieu @ 2x work requirement	Work	$9,750.00
		Cash-in-Lieu	$19,500.00

ASSESSMENT FILING RECORD:

Filing Date	Event No.	Total Value Filed	Work-C/L	PAC Debit	PAC Credit	Report Due	Report Filed	Remarks	Approved	Report No.
2012/jun/25	5359490	$5,459.92	Cash-in-lieu	$0.00	$0.00	N/A	N/A		2012/jun/25	N/A
2013/aug/09	5462407	$3,401.37	Cash-in-lieu	$0.00	$0.00	N/A	N/A		2013/aug/09	N/A
2015/aug/27	5567970	$13,890.90	$10,290.00	$3,600.90	$0.00	2015/nov/25				

The "good to" dates shown are based on the Statement of Exploration and Development Work registered on August 27, 2015 as Event #5567970 and assume that the work contained in this report will be accepted for assessment purposes.

SECTION C: EXPENDITURES

PELICAN 2015 GEOCHEMICAL SAMPLING AND PROSPECTING PROGRAM

Imperial Metals Corporation
PELICAN PROJECT **Expenditure: 2015 Geochemical Sampling / Prospecting Program** **Oct 27 2015**

Item / Contractor	Work	Period	Quantity	Unit	Rate	Amount
Personnel:						
Jim Miller-Tait, P.Geo.	Exploration Manager, general supervision	Jul 1- Aug 9, 2015	1	days	$550.00	$550.00
Ben Eggers, P.Geo	Geologist	Jul 1- Aug 9, 2015	5	days	$450.00	$2,250.00
Tom Balfour	Field Assistant	Aug 6 - 9, 2015	3.5	days	$275.00	$962.50
Subtotal						$3,762.50
Accommodation & Meals:						
Accommodation - Altagas camp	Field accommodation + food	Aug 7 - 9, 2015	5	person-days	$225.00	$1,125.00
Accommodation - Terrace	Travel accommodation - 1 man x 1 night	Aug 6, 2015	1	night	$127.44	$127.44
Food / Meal Expenditures		Aug 7 - 9, 2015			$53.77	$53.77
Subtotal						$1,306.21
Transportation (Vehicle):						
Quantum Helicopters 206LR	Forrest Kerr to Project Site return, daily	Aug 8 - 9, 2015	1.6	hours	$1,422.50	$2,276.00
Flight - Field Assistant	Flight Tofino - Terrace one way	Aug 6 - 7, 2015	1	units	$385.30	$385.30
Pickup - Geologist + Crew	Nissan Frontier	Aug 6 - 9, 2015	990	km	$0.40	$396.00
Fuel - Geologist + Crew	Nissan Frontier	Aug 6 - 9, 2015	1	units	$144.53	$144.53
Subtotal						$3,201.83
Assaying:						
Bureau Veritas (Acme Labs)	Rock Samples: AQ201 analytical code		13	samples	$23.61	$306.91
Subtotal						$306.91
Field Supplies:						
Satellite Phone - Globalstar	1/2 month rental fee	Aug 8 - 9, 2015	0.5	units	$60.00	$30.00
Subtotal						$30.00
Drafting:						
Melissa Darney	GIS work: plan drafting		1	days	$300.00	$300.00
Subtotal						$300.00
Report Preparation:						
Ben Eggers, P.Geo	Data compilation, report preparation		3	days	$450.00	$1,350.00
Erik Andersen	Report editing		4	hours	$54.30	$217.20
Subtotal						$1,567.20
Total	**Tenures: 222171**					**$10,474.65**

SECTION D: ANALYTICAL REPORTS

1. Analyses carried out by Acme Analytical Laboratories Ltd. of Vancouver, B.C.

File Number	Date of Certificate	No. of Samples	Sample Type	Analytical Procedure
Mineral Analysis:				
SMI15000058	Aug 27 2015	13	Rock	AQ201
Total		**13**		

2. Statement of Analytical Procedures: 1 data sheet
   - Acme Labs AQ300, AQ200; Multi-Element (36) Assay by ICP-ES/MS; Aqua Regia Digestion

BUREAU VERITAS MINERAL LABORATORIES Canada

Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 CANADA

Submitted By: Melissa Darney
Receiving Lab: Canada-Smithers
Received: August 13, 2015
Report Date: August 27, 2015
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI15000058.1

CLIENT JOB INFORMATION

Project:	PELICAN
Shipment ID:	PEL2015-01
P.O. Number	
Number of Samples:	13

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	13	Crush, split and pulverize 250 g rock to 200 mesh			SMI
AQ201	13	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT	Dispose of Reject After 90 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

ADDITIONAL COMMENTS

Invoice To: Imperial Metals Corporation
200 - 580 Hornby St.
Vancouver BC V6C 3B6
CANADA

CC: Jim Miller-Tait
Erik Andersen

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 CANADA

Project: PELICAN
Report Date: August 27, 2015

CERTIFICATE OF ANALYSIS SMI15000058.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
780989	Rock	1.04	1.2	10.3	18.8	65	0.2	11.4	6.0	668	3.22	95.2	78.7	1.1	70	0.1	1.5	0.8	50	0.65	0.221
780990	Rock	1.01	1.2	6.6	4.5	42	0.4	4.5	0.8	427	2.41	9.1	11.3	1.4	25	<0.1	0.4	0.4	25	0.10	0.070
780991	Rock	0.73	0.9	59.6	18.3	72	1.9	5.0	1.5	313	6.38	10.3	61.7	1.2	15	<0.1	0.6	2.2	24	0.01	0.128
780992	Rock	1.08	0.2	17.9	1.1	98	0.2	6.1	1.2	489	1.45	2.4	2.8	0.2	3	<0.1	<0.1	<0.1	8	0.02	0.014
780993	Rock	1.04	0.6	67.2	2.2	33	0.2	1.5	1.3	136	3.24	2.4	20.9	2.2	11	<0.1	0.3	1.3	7	<0.01	0.045
780994	Rock	0.83	0.4	8.4	0.8	8	<0.1	2.1	4.0	211	0.45	0.8	<0.5	0.8	6	<0.1	<0.1	<0.1	<2	0.04	0.013
780995	Rock	0.86	0.5	24.3	1.2	185	<0.1	7.0	11.4	1756	3.63	1.1	<0.5	1.8	9	0.4	0.2	<0.1	19	0.11	0.033
780996	Rock	0.59	2.6	188.6	178.0	412	6.0	31.8	23.7	2857	10.89	125.4	170.4	1.2	15	0.7	1.8	2.6	136	0.56	0.287
780997	Rock	0.80	1.4	6.4	2.5	71	0.4	3.3	20.6	569	3.50	1.2	95.2	5.8	42	<0.1	0.2	0.4	32	0.96	0.124
780998	Rock	1.03	0.2	1.3	1.9	73	<0.1	1.8	3.0	1755	1.78	1.6	2.8	1.5	166	0.1	0.1	<0.1	20	8.86	0.040
780999	Rock	1.41	0.2	2.1	2.6	18	<0.1	1.1	1.3	3436	0.71	0.7	<0.5	0.6	425	0.3	<0.1	<0.1	7	20.29	0.019
781000	Rock	1.62	1.7	20.2	71.0	563	0.3	26.4	43.9	673	5.64	2.0	7.5	0.3	169	8.9	0.4	1.1	26	2.03	0.064
780901	Rock	0.54	0.2	0.7	1.0	33	<0.1	3.3	2.2	1386	2.17	<0.5	2.9	1.4	247	0.1	<0.1	<0.1	14	10.62	0.044

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 CANADA

Project: PELICAN
Report Date: August 27, 2015

CERTIFICATE OF ANALYSIS SMI15000058.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
780989	Rock		7	13	0.64	100	0.149	1	0.87	0.024	0.17	0.4	0.01	2.2	<0.1	1.46	3	1.6	1.9
780990	Rock		3	15	0.90	127	0.147	1	1.01	0.016	0.13	0.3	<0.01	1.9	<0.1	<0.05	3	2.0	0.8
780991	Rock		3	23	0.39	101	0.073	2	0.72	0.009	0.20	0.1	0.18	2.0	<0.1	0.22	4	7.8	4.3
780992	Rock		<1	15	0.61	15	0.012	2	0.69	0.007	0.03	<0.1	<0.01	1.0	<0.1	0.08	2	<0.5	<0.2
780993	Rock		3	4	0.14	73	0.070	1	0.64	0.005	0.32	<0.1	0.01	1.0	0.2	<0.05	2	2.3	1.1
780994	Rock		2	14	0.05	73	0.004	1	0.18	0.007	0.07	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
780995	Rock		4	11	1.70	113	0.023	1	2.20	0.007	0.12	<0.1	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
780996	Rock		5	100	3.59	37	0.239	1	2.96	0.004	0.33	0.5	0.04	9.0	0.3	5.96	9	4.7	4.7
780997	Rock		9	4	1.22	40	0.033	2	1.51	0.062	0.20	<0.1	0.01	2.1	<0.1	2.19	4	<0.5	0.8
780998	Rock		3	6	1.05	11	0.022	2	1.45	0.009	0.07	0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
780999	Rock		1	4	0.53	23	<0.001	5	0.67	0.022	0.06	<0.1	<0.01	4.1	<0.1	<0.05	1	<0.5	<0.2
781000	Rock		4	13	0.47	3	0.135	<1	0.97	0.003	<0.01	0.2	0.03	2.5	<0.1	5.37	2	4.5	0.5
780901	Rock		3	5	1.50	43	0.019	7	1.94	0.006	0.08	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2

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Client: **Imperial Metals Corporation**
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Vancouver BC V6C 3B6 CANADA

Project: PELICAN
Report Date: August 27, 2015

QUALITY CONTROL REPORT SMI15000058.1

		Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																						
780901	Rock		0.54	0.2	0.7	1.0	33	<0.1	3.3	2.2	1386	2.17	<0.5	2.9	1.4	247	0.1	<0.1	<0.1	14	10.62	0.044
REP 780901	QC			0.2	0.6	1.0	33	<0.1	3.0	2.1	1354	2.16	0.7	4.0	1.4	240	<0.1	<0.1	<0.1	14	10.49	0.043
Core Reject Duplicates																						
780999	Rock		1.41	0.2	2.1	2.6	18	<0.1	1.1	1.3	3436	0.71	0.7	<0.5	0.6	425	0.3	<0.1	<0.1	7	20.29	0.019
DUP 780999	QC			0.1	2.7	2.6	17	<0.1	1.0	1.3	3423	0.69	0.6	<0.5	0.6	413	0.3	<0.1	<0.1	6	19.94	0.021
Reference Materials																						
STD DS10	Standard			14.7	157.5	148.3	365	2.0	75.7	13.0	886	2.78	45.8	87.3	7.7	70	2.6	9.7	12.6	44	1.08	0.076
STD OXC129	Standard			1.3	28.6	6.2	41	<0.1	78.5	20.6	415	3.03	<0.5	191.4	1.9	180	<0.1	<0.1	<0.1	53	0.65	0.105
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC129 Expected				1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																						
ROCK-SMI	Prep Blank			0.7	8.0	2.3	38	<0.1	1.2	3.7	505	1.79	0.9	<0.5	2.2	27	<0.1	<0.1	<0.1	22	0.58	0.040
ROCK-SMI	Prep Blank			0.6	8.0	1.6	36	<0.1	0.9	3.9	485	1.74	0.8	<0.5	2.1	23	<0.1	<0.1	<0.1	21	0.55	0.040

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Vancouver BC V6C 3B6 CANADA

Project: PELICAN
Report Date: August 27, 2015

QUALITY CONTROL REPORT SMI15000058.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
780901	Rock	3	5	1.50	43	0.019	7	1.94	0.006	0.08	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
REP 780901	QC	3	4	1.47	42	0.019	6	1.89	0.007	0.08	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
Core Reject Duplicates																		
780999	Rock	1	4	0.53	23	<0.001	5	0.67	0.022	0.06	<0.1	<0.01	4.1	<0.1	<0.05	1	<0.5	<0.2
DUP 780999	QC	1	4	0.53	16	<0.001	4	0.60	0.014	0.04	<0.1	<0.01	4.0	<0.1	<0.05	1	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	19	55	0.78	347	0.082	7	1.07	0.070	0.34	3.2	0.28	3.1	5.0	0.28	5	2.2	4.8
STD OXC129	Standard	13	52	1.57	48	0.397	1	1.54	0.596	0.36	<0.1	<0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC129 Expected		13	52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
ROCK-SMI	Prep Blank	7	8	0.47	66	0.081	1	1.01	0.109	0.12	0.1	<0.01	3.1	<0.1	0.05	4	<0.5	<0.2
ROCK-SMI	Prep Blank	6	7	0.47	54	0.074	1	0.91	0.078	0.09	<0.1	<0.01	2.7	<0.1	0.05	4	<0.5	<0.2

AQ300, AQ200

Package Description	Geochemical aqua regia digestion
Sample Digestion	HNO3-HCl acid digestion
Instrumentation Method	ICP-ES (AQ300, AQ200), ICP-MS (AQ200)
Legacy Code	1D, 1DX
Applicability	Sediment, Soil, Non-mineralized Rock and Drill Core

METHOD DESCRIPTION:

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO3 and DI H2O for one hour in a heating block or hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g are analyzed optional 15g or 30g digestion available for AQ200.

Element	AQ300 Detection	AQ200 Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	-	0.5 ppb	100 ppm
B*^	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	50 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm

Element	AQ300 Detection	AQ200 Detection	Upper Limit
Na*	0.01 %	0.001 %	5 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	0.05 %	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	100 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Te	-	0.2 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	5 %
Tl	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

* Solubility of some elements will be limited by mineral species present. ^Detection limit = 1 ppm for 15g / 30g analysis.

Limitations:

Au solubility can be limited by refractory and graphitic samples.

SECTION E: SAMPLE LOCATIONS

ROCK CHIP SAMPLE LOCATIONS AND DESCRIPTIONS

Project	Sample Type	Sample ID	Date	Easting_NAD83_09	Northing_NAD83_09	Elevation	Lithology	Alteration_Int_Style	Alteration_Min	Mineralisation	Vein_Style_Texture	Structure	Description
Pelican	RCK-OUT	780989	8-Aug-15	384557	6270781	1459	SI	mo per	qtz, ser, pyr	2% dis pyr		fol 295/75NE	Quartz-sericite-pyrite altered siltstone, 2% disseinated pyrite
Pelican	RCK-OUT	780990	8-Aug-15	384726	6270670	1344	VQZ			tr pyr			Quartz-carbonate vein, 15cm wide, with trace pyrite in gossanous siltstone
Pelican	RCK-OUT	780991	8-Aug-15	384759	6270681	1326	VQZ			1% pyr	mul	vein 320/60SW	Quartz-pyrite multiphasal shear vein, 1% weathered pyrite
Pelican	RCK-OUT	780992	8-Aug-15	384759	6270684	1327	VQZ			tr pyr		vein 340/40W	Quartz vein, 50cm wide, with trace pyrite, sub-parallel mafic dike adjacent
Pelican	RCK-OUT	780993	8-Aug-15	384753	6270675	1318	SI	st per	qtz, ser, pyr			fol 335/65W	Quartz-sericite-pyrite altered siltstone, strongly silicified, 4m wide shear
Pelican	RCK-FLT	780994	8-Aug-15	384383	6270755	1586	VQZ			tr pyr	mas		Buck quartz vein with 5% ferrugenous bands (trace pyrite) and choritic selvages
Pelican	RCK-OUT	780995	8-Aug-15	384347	6270787		VQZ				mas	vein 355/70W	Buck quartz- chlorite vein, 30cm wide, 20% chlorite, hosted in granodiorite intrusive
Pelican	RCK-OUT	780996	8-Aug-15	384555	6271042	1503	SI	st per	qtz, ser, pyr	5% dis pyr			Quartz-sericite-pyrite altered siltstone, 5% disseinated pyrite
Pelican	RCK-OUT	780997	9-Aug-15	385615	6271215	896	GND			2% dis pyr, tr cpy		dike 335/67E	Felsic dike with 2% disseminated pyrite and trace chalcopyrite
Pelican	RCK-OUT	780998	9-Aug-15	385614	6271216	897	VQZ				bnd	vein 335/67E	Banded quartz-chlorite vein on footwall side of sulphide bearing dike
Pelican	RCK-OUT	780999	9-Aug-15	385096	6270553	999	VQZ				bnd	shr 310/55NE	Quartz-chlorite banded shear vein with riedel veins also, 10-15cm wide withing 35cm wide shear
Pelican	RCK-FLT	781000	9-Aug-15	385074	6270308	1012	SI	st per	qtz, epi, chl	3% dis & vein pyr, tr sph			Strongly quartz-epidote-chlorite altered siltstone? With 3% disseminated and veined pyrite and trace sphalerite
Pelican	RCK-FLT	780901	9-Aug-15	385046	6270305	1027	VQZ	mo per	qtz, ser				Quartz-chlorite vein in quartz-sericite altered granodiorite

Coordinate locations recorded in UTM NAD83 Zone 09.

SECTION F: ILLUSTRATIONS

Plan Number	Title	Scale
PE-15-1 (after p.2)	BC Location Plan	1:8 000 000
PE-15-2 (after p.2)	General Location Plan	1:260 000
PE-15-3 (after p.2)	Mineral Tenures Plan	1:40 000
PE-15-4 (in pocket)	Geology Plan	1:40 000
PE-15-5 (in pocket)	2015 Rock Sample Locations	1:5 000
PE-15-6 (in pocket)	2015 Rock Sampling: Au (ppb)	1:5 000
PE-15-7 (in pocket)	2015 Rock Sampling: Cu (ppm)	1:5 000
PE-15-8 (in pocket)	2015 Rock Sampling: Pb (ppm)	1:5 000
PE-15-9 (in pocket)	2015 Rock Sampling: Zn (ppm)	1:5 000

375000 380000 385000 390000

6280000 6275000 6270000

N W E S

Bronson Creek

BRONSON PROPERTY

Billygoat Bowl

Billygoat Fault

Snippaker Creek

Johnny Mtn.

T-Zone

S-Zone

Bronson East

Wolverine

Reg 7

EJI

Sericite Ridge

Lehto Pluton

Boundary Fault

SKY

Khyber Pass

FAULT

Pyramid Ridge

Tami

Sericite East

PELICAN PROPERTY

SJ

Pelican

SYSTEM

0 1 2 4 Kilometres

Imperial Metals

PELICAN PROPERTY

Liard Mining Division

Regional Geology Plan

Quaternary

recent volcanic rocks: red-weathering well-bedded flows and tuffs

Hazelton Group

Pleinsbachian-Toarcian

undifferentiated sedimentary rocks

Lower Jurassic

Snippaker Ridge: andesite, dacite pyroclastic and epiclastic rocks; volcanic breccias, greywacke, siltstone; platey tuff

Johnny Mtn - dacite lapilli tuff and tuff-breccia

Johnny Mtn - dacite flow and welded tuff

Johnny Mtn - variable polymictic coarse conglomerate, andesitic breccia; black argillite; basalt breccia

Upper Triassic

Snippaker Unit - orange-weathering polymictic conglomerate, sandstone, basalt breccia, siltstone, mudstone, fossiliferous broken limestone formation

Stuhini Group

Upper Triassic

andesitic volcanic breccia

limestone, marble

undifferentiated greenschist volcanic and sedimentary rocks, some highly silicified; may include Paleozoic units

Intrusive Rocks

Eocene Granite

Early Jurassic

Lehto Plutonic Suite

Alteration - zone of pervasive quartz-sericite-pyrite

Minfile Occurence

Past Producer

Imperial Metals Tenures

Ice

100' contour line

**Geology mapping from Kyba and Nelson, 2015*
British Columbia Geological Survey Paper 2015-1, pg. 44

Date: October 2015	Projection: UTM Zone 9 - NAD83	Fig.
Drawn By: MD	BCGS: 104B.065, 066, 055, 056	PE-15-4
Scale: 1:40,000	NTS: 104B10, 11	

384000

385000

386000

N

W E

S

6271000

6270000

780996

780997, 780998

222174

222171

780995

780994

780989

780990

780991, 780992

780993

780999

780901

781000

Sample Location

Pelican Tenure

Ice

100' contour line

Imperial Metals

PELICAN PROPERTY

Liard Mining Division

2015 Rock Sample Locations

Date: October 2015	Projection: UTM Zone 9 - NAD83	Fig. PE-15-5
Drawn By: MD	BCGS: 104B.056	
Scale: 1:5,000	NTS: 104B10	

384000
385000
386000
6271000
6270000
N
W
E
S
222174
222171
170.4
95.2, 2.8
<0.5
<0.5
78.7
11.3
61.7, 2.8
20.9
<0.5
2.9
7.5
0
125
250
500
Metres
Au (ppb)
0 - 25
25 - 50
50 - 75
75 - 100
100 - 125
> 125
Pelican Tenure
Ice
100' contour line
Imperial Metals
PELICAN PROPERTY
Liard Mining Division
2015 Rock Sampling: Au (ppb)
Date: October 2015
Projection: UTM Zone 9 - NAD83
Drawn By: MD
BCGS: 104B.056
Scale: 1:5,000
NTS: 104B10
Fig.
PE-15-6

384000

385000

386000

N

W E

S

6271000

6270000

222174

222171

188.6

24.3

8.4

10.3

6.6

59.6, 17.9

67.2

6.4, 1.3

2.1

0.7

20.2

0 125 250 500 Metres

Rock Sample Values

Cu (ppm)

- 0 - 50
- 50 - 100
- 100 - 150
- > 150

Pelican Tenure

Ice

100' contour line

Imperial Metals

PELICAN PROPERTY

Liard Mining Division

2015 Rock Sampling: Cu (ppm)

Date: October 2015	Projection: UTM Zone 9 - NAD83	Fig. PE-15-7
Drawn By: MD	BCGS: 104B.056	
Scale: 1:5,000	NTS: 104B10	

384000
385000
386000
6271000
6270000
N
W
E
S
222174
222171
178.0
1.2
0.8
18.8
4.5
18.3, 1.1
2.2
2.5, 1.9
2.6
1.0
71.0
0
125
250
500
Metres
Rock Sample Values
Pb (ppm)
0 - 25
25 - 50
50 - 75
> 75
Pelican Tenure
Ice
100' contour line
Imperial Metals
PELICAN PROPERTY
Liard Mining Division
2015 Rock Sampling: Pb (ppm)
Date: October 2015
Drawn By: MD
Scale: 1:5,000
Projection: UTM Zone 9 - NAD83
BCGS: 104B.056
NTS: 104B10
Fig.
PE-15-8

384000
385000
386000
6271000
6270000
N
W
E
S
222174
222171
412.0
71.0, 73.0
185.0
8.0
65.0
72.0, 98.0
42.0
33.0
18.0
33.0
563.0
0
125
250
500
Metres

Rock Sample Values
Zn (ppm)
- 0 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- > 200

Pelican Tenure
Ice
100' contour line

Imperial Metals

PELICAN PROPERTY
Liard Mining Division
2015 Rock Sampling: Zn (ppm)

Date: October 2015	Projection: UTM Zone 9 - NAD83	Fig. PE-15-9
Drawn By: MD	BCGS: 104B.056	
Scale: 1:5,000	NTS: 104B10	