

GM 67481

REPORT ON EXPLORATION WORK, SEIGNELAY PROPERTY, SUMMER OF 2012

Documents complémentaires

Additional Files



Licence



License

Cette première page a été ajoutée
au document et ne fait pas partie du
rapport tel que soumis par les auteurs.

Énergie et Ressources
naturelles

Québec 



**REPORT ON EXPLORATION WORK
SEIGNELAY PROPERTY, SUMMER OF 2012
GAGNON, QUEBEC
(NTS MAP SHEETS 23C02/03 AND 23C07)**

GM 67481

**PREPARED BY:
NORMAND CHAMPIGNY, ENG.
PIERRE ALEXANDRE PELLETIER, G.I.T.**

**PREPARED FOR:
PACIFIC ARC RESOURCES LTD**

DATE: NOVEMBER 25, 2012

Ressources naturelles et Faune
20 AOÛT 2013
Dir information géologique

REÇU AU MRNF
23 NOV. 2012
DIRECTION DES TITRES MINERS

1254283

SUMMARY

The Seignelay iron ore property belonging to Pacific Arc Resources Ltd ("Pacific Arc") consists of a single block of 266 contiguous mining titles covering an area of 12,821 hectares.

This report covers the prospecting and drilling program work carried out for Pacific Arc on the Seignelay property in August 2012. One-hundred-eighteen (118) core samples were collected from NQ drill core, split in half and analyzed for their iron content.

The Seignelay property land package overlies the Seignelay River, roughly 65 kilometres from the former site of the town of Gagnon. The property is underlain by rocks belonging to the Grenville Province. The majority of the mineral claims are located on NTS map sheets 23C02, 23C03 and 23C07. During 2011 and 2012, Pacific Arc entered into separate agreements with mineral claim holders Fayz Yacoub, Ramy Yacoub and Lai Lai Chan whereby Pacific Arc could earn up to a 100% interest in the claims constituting the Seignelay property by making a series of staged cash payments, share issuances, and work expenditures.

The 2012 field program validated the presence of historical resources identified in the 1950s and early 1960s, and other targets identified from ground and heli-borne magnetic and gravity surveys performed in 2011. Drilling results included 33% Fe over 39 metres in a banded iron formation geological environment. These results are considered encouraging and Pacific Arc intends to continue investigating the mineral potential of the property and its immediate area.

The next phase of work on the Seignelay property will consist of geological mapping and a follow-up drilling program to extend the known iron formation mineralization and to test additional magnetic and gravimetric anomalies identified in 2011 and possibly other areas.

TABLE OF CONTENTS

1.0 Introduction	1
1.1 Location and access.....	1
1.2 Personnel.....	1
2.0 Regional Geology.....	3
2.1 Property Geology	3
3.0 Mining Titles.....	5
4.0 Historical Exploration work	9
4.1 Mineralization.....	9
5.0 Exploration Work : Summer of 2012.....	11
5.1 Prospecting program and results.....	11
5.2 Rock sample geochemistry	14
6.0 Conclusions	15
7.0 Recommendations.....	16
8.0 References.....	17
9.0 Authors certification.....	18

LIST OF FIGURES

Figure 1 Location of the Seignelay property	2
Figure 2 Geology of the Seignelay property area.....	4
Figure 3 Seignelay property mining titles, August 2012. NTS sheet 23C02.....	6
Figure 4 Seignelay property mining titles, August 2012. NTS sheet 23C03.....	7
Figure 5 Seignelay property mining titles, August 2012. NTS sheet 23C07.....	8
Figure 6 Location of recent and historical iron showings, Seignelay property.....	12
Figure 7 Cross-section of the drill holes and interpretation of the iron showings, Seignelay property.....	13

LIST OF TABLES

Table 1 Summary of Seignelay property mining titles, August 2012	5
--	---

LIST OF APPENDICES

- A. Mining titles list
- B. Holes list
- C. Sample list
- D. Certificates of analysis

1.0 INTRODUCTION

The present document summarizes the field exploration work performed on the Seignelay iron ore property during the summer of 2012.

The property, comprising 379 claims, is under separate option agreements with mineral claims holders Fayz Yacoub, Ramy Yacoub and Lai Lai Chan whereby Pacific Arc could earn up to a 100% interest in the claims constituting the Seignelay property by making a series of staged cash payments, share issuances, and work expenditures. It is located in the Manicouagan area (north shore of the St-Lawrence River). Geologically, the Seignelay Range is an extension of the Proterozoic Sokoman iron formation of northeastern Quebec and Labrador (GM 34296). Rocks of the property area were subjected to medium- to high-grade metamorphism. The landscape is characterized by mildly rugged terrain with a few ridges and hills ranging in elevation from 600 masl to about 750 masl (metres above sea level). All the mining titles are covered by NTS map sheets 23C02, 23C03 and 23C07.

1.1 Location and access

The Seignelay property is located about 140 kilometres southwest of Fermont, or 58 kilometres northeast of the former site of the town of Gagnon (Figure 1). The area is part of the Seignelay Range, which extends from the Racine de Bouleau River to the western shore of the Seignelay River. Quaternary glaciation has shaped the topography of the area, giving rise to valley-like erosional features and relatively flat moraine deposits. The moraine deposits, consisting mainly of sandy material, extend over the entire surface area and form parallel drumlins.

The site is accessible by aircraft or helicopter from the Gagnon airport. It is also accessible from Base du Lac Louise in the Manic 5 area.

1.2 Personnel

Field work was performed by a team of consultants, supported by the following contractors:

- Heli-Excel Inc, a helicopter company based in Sept-Îles (Quebec) supplied an ASTAR 350 which was used to access outcrops on the property. Heli-Excel personnel were Didier Breton (pilot) and Maxime Gauthier (mechanic).
- Coopérative Forestière La Nord Cotière provided accommodation and meals.

Field work was under the supervision of Normand Champigny, Eng., a director of Pacific Arc, as well as consultant François Bissonnette, B.Sc., P.Geo. Field work was executed by Pierre-Alexandre Pelletier, B.Sc., G.I.T. François Bissonnette and Pierre-Alexandre Pelletier were under contract by Pacific Arc.

2.0 Regional Geology

The area is part of the Seignelay Range which extends from the Racine de Bouleau River to the Seignelay River. The area is underlain by Precambrian rocks (**Figure 2**). The Seignelay Range is an extension of the Proterozoic Sokoman iron formation of northeastern Quebec and Labrador (GM 34296). The area was subjected to intermediate to high grade metamorphism. Quaternary glaciation has shaped the topography giving rise to valleys and peaks as well as relatively flat moraine deposits. The moraine deposits consist mainly of sand with many parallel drumlins or divided into a series of arched ribs (GM 10229).

2.1 Property Geology

All the geological and geophysical surveys performed on the Seignelay property demonstrate that the main geological structure is a continuous band of iron formation subjected to folding.

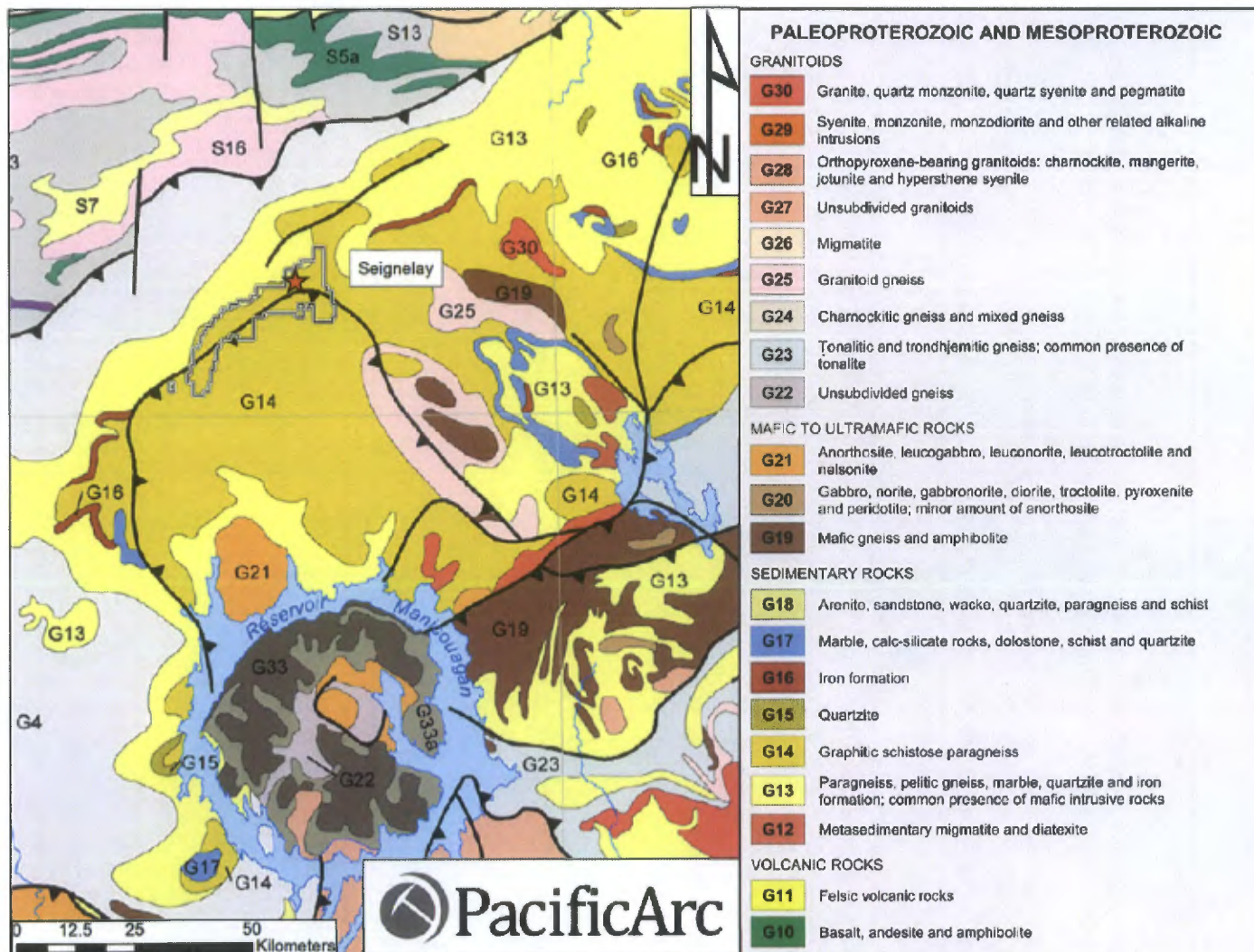
The rocks observed in the area are Precambrian in age and consist of:

Gneisses: mainly composed of feldspar and quartz, with accessory minerals such as biotite and muscovite.

Schists: with the same composition as the gneisses, but differing in their textures and structural features. The schists contain accessory minerals such as carbonate minerals and garnet. Small amounts of pyrite, graphite and small garnets are common. The schists are considered to be part of the iron formation and not a separate geological unit. The schists and gneisses form the host rock to the iron formation and underlie the vast majority of the area.

Quartzites: identified in several outcrops and abundant boulders as a white, medium-grained massive rock. The quartzites occasionally contain appreciable amounts of muscovite or sericite, typically as bands.

Iron formation: represented by distinctive units identified by mineralogical composition: quartz-magnetite; quartz-specularite; quartz-silicate-magnetite-carbonate.



3.0 MINING TITLES

As of November 2012, the Seignelay property consists of a single block of 379 contiguous mining titles covering part of the Seignelay Range and surrounding land (figures 3, 4 and 5). All the mining titles are map-designated cells, each of which geographically measures 0° 0' 30" x 0° 0' 30" (30 seconds by 30 seconds). At the latitude of the Seignelay property, the average surface area of a CDC is about 53.78 hectares. The following table (Table 1) summarizes the work commitments and renewal fees related to the property. A complete list of mining titles is presented in Appendix A.

Table 1 Summary of Seignelay property mining titles, August 2012

Renewal date	Number of CDCs	Area (ha)	Work commitment	Renewal fees
2013	305	14707.54	48414	34687
2014	74	3737.32	34160	8782
Total	379	18444.86	82574	43469

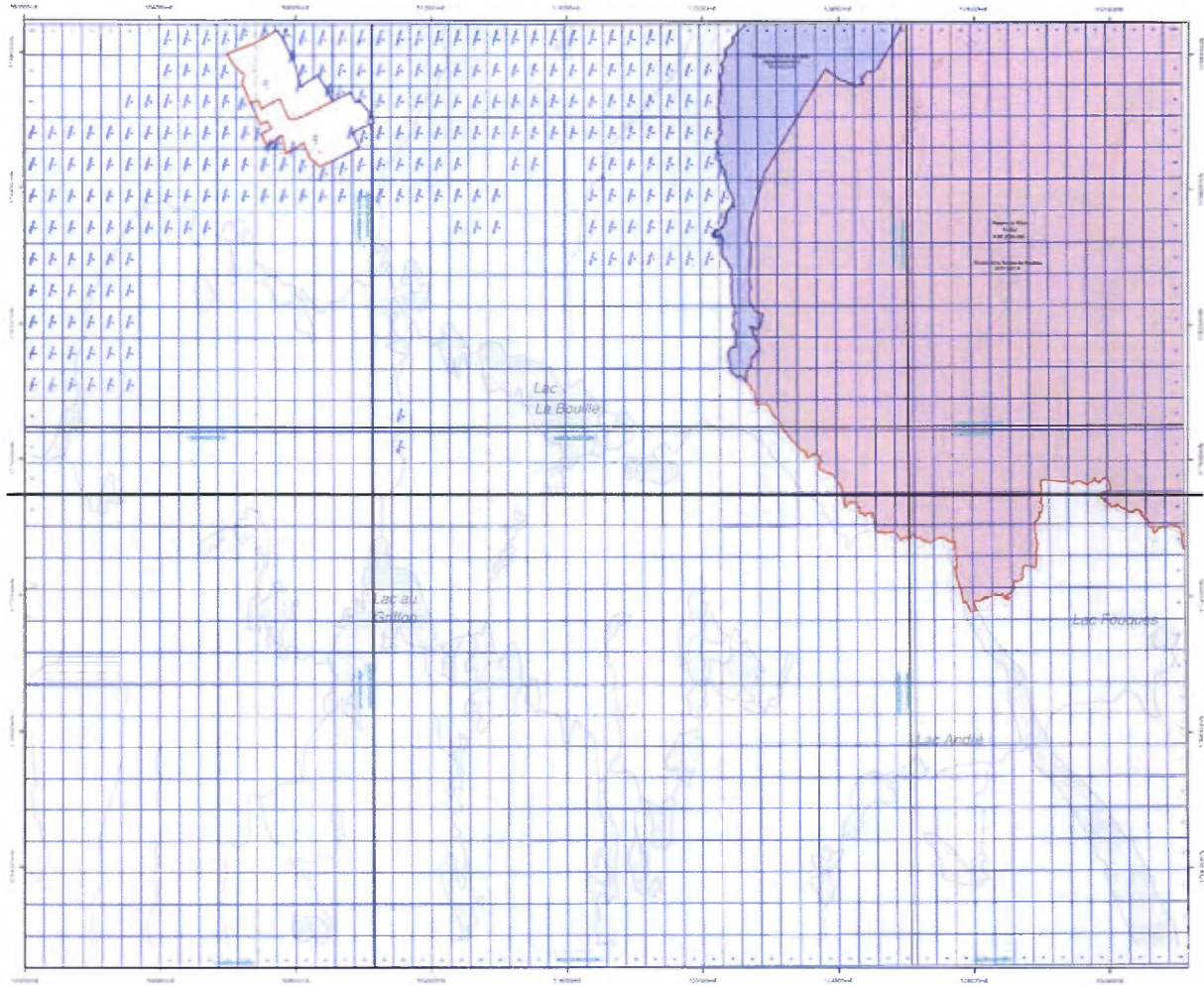


Figure 4 Seignelay property mining titles, August 2012. NTS sheet 23C03.

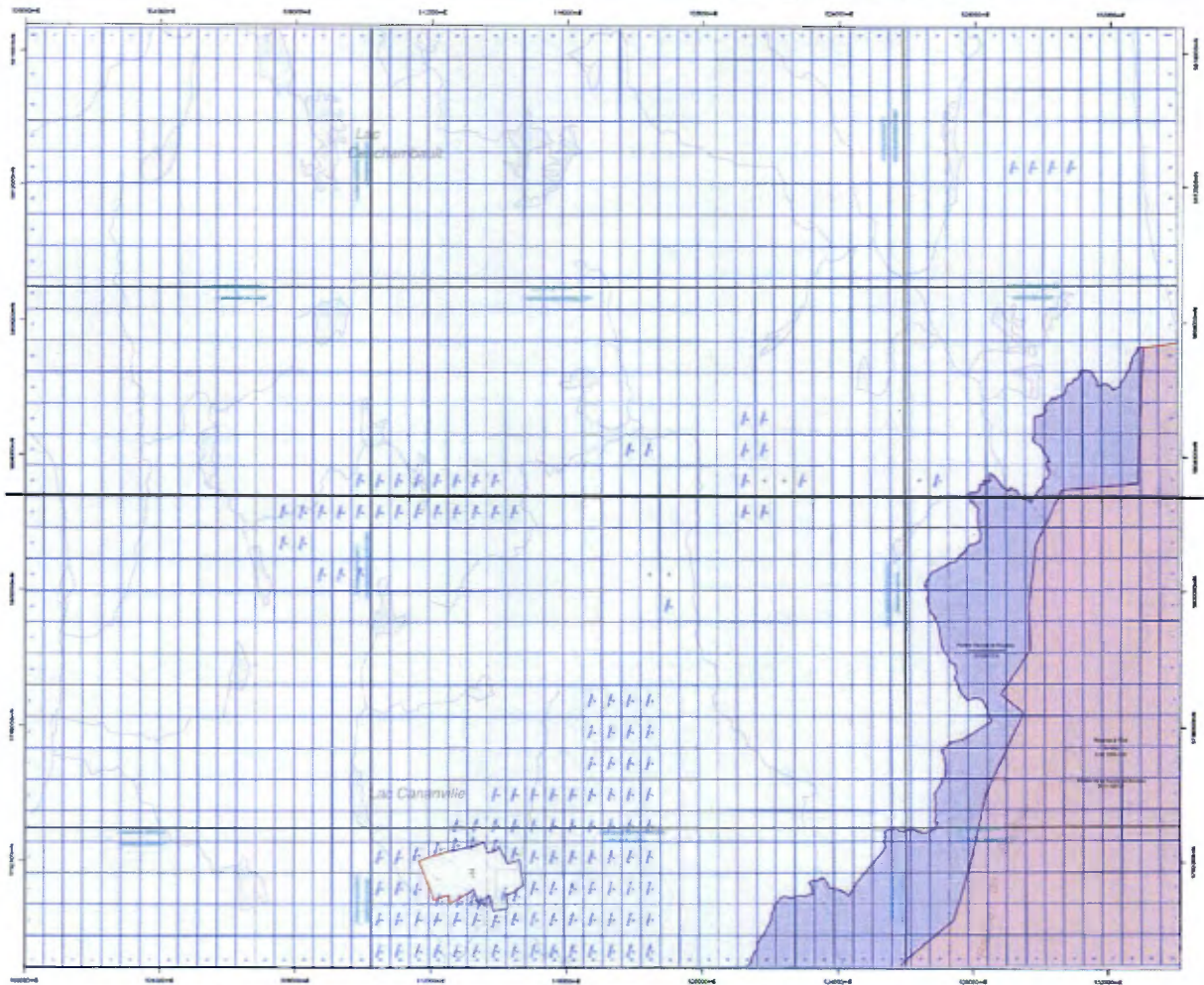


Figure 5 Seignelay property mining titles, August 2012. NTS sheet 23C07.

4.0 HISTORICAL EXPLORATION WORK

Listed below is assessment work on or around the property that was filed with the Quebec Ministry of Natural Resources

2011: Airborne geophysical survey by GPR.

2010: Fayz Yacoub – summary report on the Seignelay iron ore deposits (4C, 4D, Group 6 and Group 7), including a description of the geology and historical resources on the property.

1979: Midway Ore Co. Ltd – summary and assessment report on the Group 4C (GM 34294), Group 7 (GM 34297) and Group 6S claims (GM 34296), including a description of the geological setting and resources of these claim groups.

1962: Pickands Mather & Co. – description of a drilling program on Seignelay claim group 7 (GM 12518).

1962: K. G. Honeyman – assessment report on Mag and EM surveys on Seignelay claim group 7 for Midway Ore Co. Ltd (GM 11994).

1962: R. G. Maw – assessment report on Mag & Gravity surveys on the Group 7 iron deposits (GM 12646).

1959: Pickands Mather & Co. – description of the Group 7 iron formation (GM 10229, A to E). A magnetometer survey was conducted over the Group 7 claims.

1958-59: Group 4C claims were staked following the detection of airborne magnetic anomalies and the discovery of iron formation outcrops.

No further work was reported from 1979 to 2010.

4.1 Mineralization

The iron formation is represented by several very distinctive members that differ from one another mainly in mineralogical composition:

Quartz-Magnetite Iron Formation: Quartzite with magnetite as the predominant iron oxide, frequently with idiomorphic crystals. The quartz-magnetite type of iron formation is commonly interbedded with quartz-specularite rock with little magnetite. Bands of magnetite lend the rock an apparent bedding structure.

Quartz-Specularite Iron Formation: Most of outcropping iron formation in the area is of this type, with notable variations in iron grades between outcrops. Magnetite normally occurs in relatively minor amounts. The lean portions of the quartz-specularite iron formation, which contain <5% Fe, generally display a distinctive blue color, whereas the richer portions containing up to 50% Fe are well banded. Occasionally, coarse-grained to massive specularite occurs together with quartz veins where significant shearing and faulting have taken place.

Quartz-Silicate-Magnetite-Carbonate Iron Formation: Iron formation typically containing one or more of the following silicate minerals along with quartz, magnetite, and carbonates: tremolite, actinolite, and possibly some grunerite and/or hypersthene. Calcite is the most frequent carbonate mineral, either disseminated or as bands, but some siderite may also be present. Minor magnetite is invariably found, either as scattered minerals or in thin bands. Micas, including chlorite, are seldom present.

5.0 EXPLORATION WORK: SUMMER OF 2012

5.1 Prospecting program and results

Outcropping iron formations and mineralized boulders are present on the property and were observed by the field crew. Pacific Arc tested the thickness of the mineralization with five (5) holes (Figure 6) totalling 471 metres, drilled over a lateral distance of 250 metres and ranging in depth from 66 to 108 metres with dips of either -45 or -80 degrees. Iron mineralization in the form of hematite and specularite was present in all five holes over down-hole lengths ranging from 32 to 120 metres. Evidence of folding was observed in two of the holes and it is uncertain whether these holes intersected the entire thickness of the iron formation.

Good continuity of the iron mineralization can be established between drill holes. The drilling results confirmed the validity of the historical information in terms of iron formation grades and thicknesses. A cross-section of the drill holes is presented on the Figure 7 and in Appendix B.

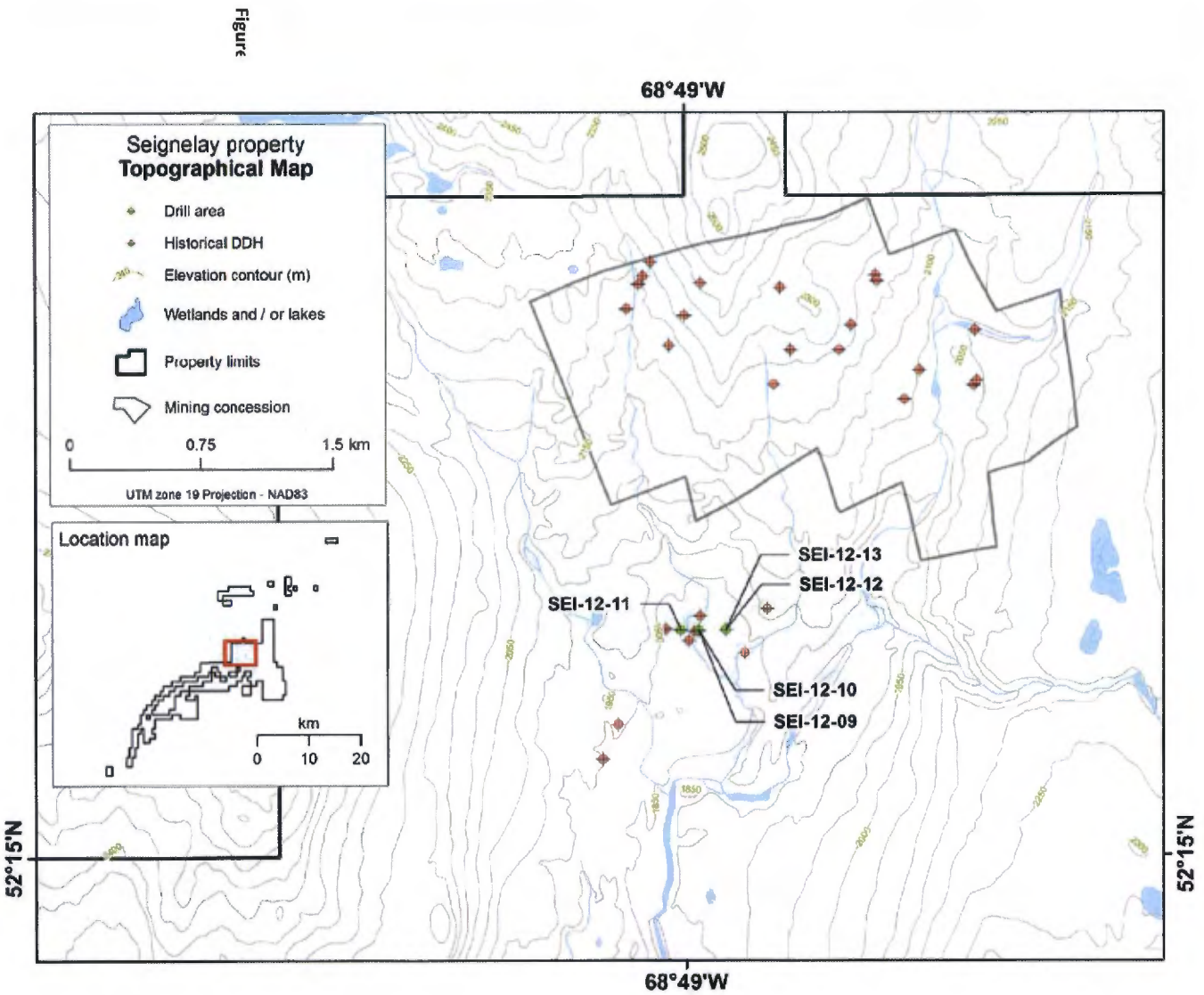
The mineralization consists mainly of specularite with minor magnetite in a siliceous matrix.

A 500-metre baseline was cut near hole 446 documented in GM 13213 (1963), and the five (5) holes were drilled along it (Figure 6). The first (SEI-12-09) and second (SEI-12-10) were located at the mid-point of the baseline. Hole SEI-12-09 reached 108 metres with a dip of 45°. Mineralization was present over a length of 70.1 metres below 11.8 metres of overburden. Hole SEI-12-10 reached 90 metres with a dip of 80°. Mineralization was present over 65.4 metres below 14.8 metres of overburden. The third hole (SEI-12-11) on the baseline was located 100 metres west of the previous two holes. It reached 66 metres with a dip of 45°. Mineralization was present over 31.9 metres below 8.8 metres of overburden. The last two holes (SEI-12-12 and SEI-12-13) were drilled at the same location, 150 metres east of the first two holes. Hole SEI-12-12 reached 120 metres with a dip of 45°. Mineralization was present over 96 metres below 21 metres of overburden. Hole SEI-12-13 reached 87 metres with a dip of 80°. Mineralization was present over 64.6 metres and below 18 metres of overburden.

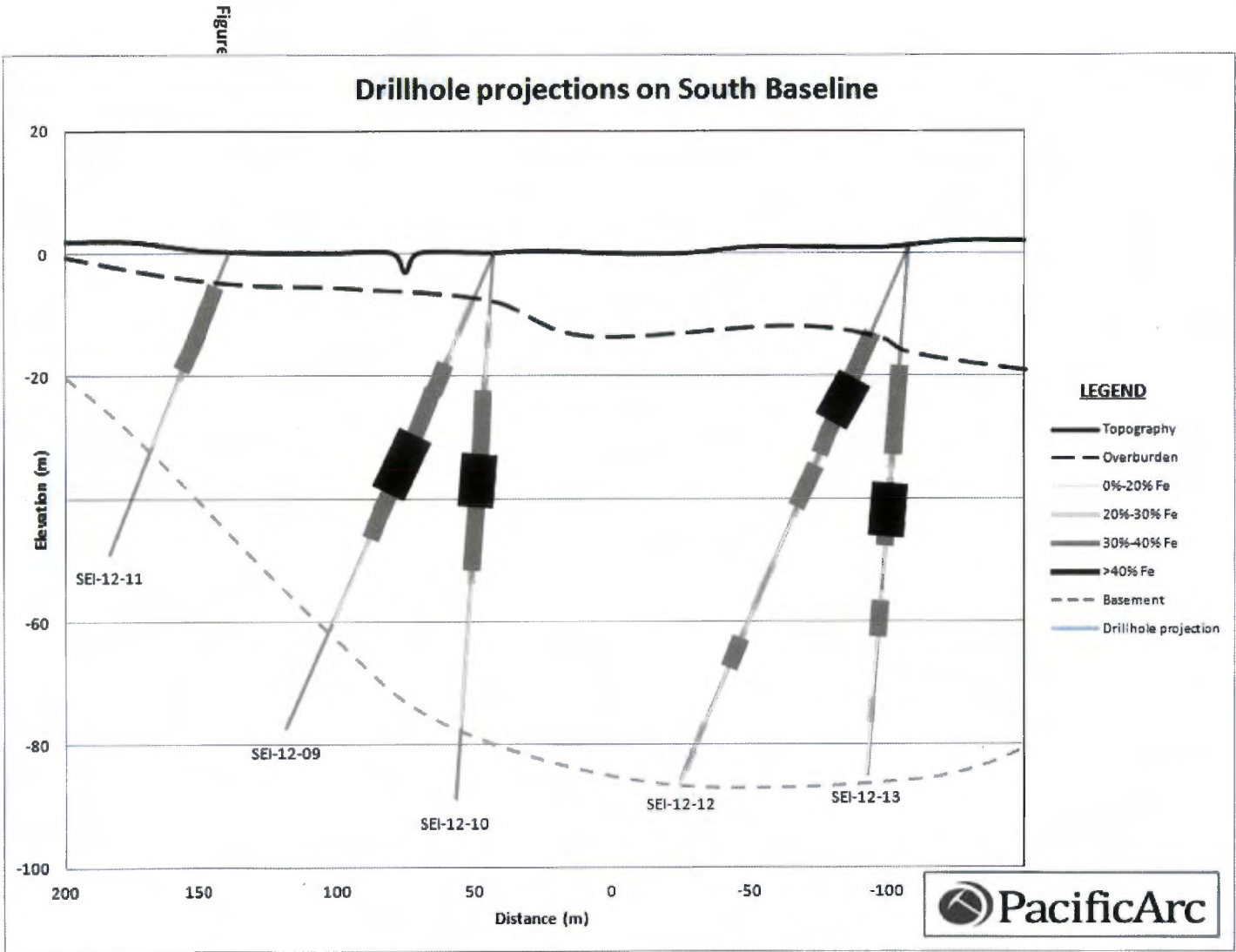
An area was surveyed on the basis of a gravimetric anomaly identified by the survey performed by GPR in 2011. Many strongly mineralized outcrops were observed within a zone measuring about 500 by 300 metres.

The NQ core from the five (5) drill holes was sampled in 3-metre intervals. It was split in half using a hydraulic splitter. Half the core was left in the core rack, while the other half was individually bagged and labelled before being placed into rice bags for shipping to the ALS Chemex facilities in Val-d'Or, Quebec, where they were processed. Samples were then sent to the ALS Chemex facilities in Vancouver for analysis. Samples were weighed and identified before being crushed to a grain size of 70% not exceeding 6 mm, then split and pulverized to a grain size of 85% passing 75 µm. All samples were analyzed using the ME-XRF-06 method for iron.

A sample list, containing the assay results, is presented in Appendix C.



Figure



5.2 Rock sample geochemistry

Of the 118 collected samples, sixty-four (64) yielded grades above 20% Fe, forty-four (44) above the 30% Fe threshold, and five (5) above 40% Fe.

The iron formation is recognized in drill hole SEI-12-09 from 11.8 to 81.9 metres. Mineralization consists of specularite with minor amounts of magnetite in a quartz gangue. Total iron content ranges from 13 to 43% Fe and averages 30% Fe. Hole SEI-12-10, at the same location but with a different dip, intersected the iron formation from 10.8 to 75.2 metres, with specularite and traces of magnetite. Total iron content ranges between 17 to 40% Fe (M077048) and averages 30% Fe.

Hole SEI-12-11 intersected the iron formation from 8.8 to 24 metres. Mineralization consists of specularite with minor amounts of magnetite in quartz gangue. Total iron content ranges from 2 to 38% Fe and averages 34% Fe.

Mineralization in holes SEI-12-12 and SEI-12-13 consists of specularite with minor amounts of magnetite in a quartz gangue. The two holes were drilled at the same location but with a different dip. In hole SEI-12-12, the iron formation was observed from 21 to 60 metres, whereas in hole SEI-12-13 it occurs from 21 to 48 metres. Mineralization in SEI-12-12 ranges between 20 and 40% Fe and averages 33% Fe. Iron values in SEI-12-13 range between 1 and 43% Fe and average 31% Fe. The low value is from a thin (3-metre) layer of clay.

With the exception of SEI-12-13, the iron contents in all holes decrease gradually from the highest values.

The drilling results validate the historical resources and substantiate the exploration potential of the Seignelay property. Near-surface, high-grade iron mineralization is open in all directions and may extend to the base of the iron formation.

6.0 CONCLUSIONS

The Seignelay property is located in a poorly explored area in the Manicouagan region of the Labrador Trough iron belt of Northern Quebec. Pacific Arc aims to identify Fe-rich iron formations that can be mined by open pit methods. The results of the limited field work during the summer of 2012 revealed that the area is highly prospective for iron mineralization, as exemplified by the confirmation of historical information for the showing, the extension of known mineralization a further 500 metres westward, and the proximity of the iron formation to a 4-D gravimetric anomaly in a favourable geological setting.

7.0 RECOMMENDATIONS

Due to the very limited mineral and geological data available in the area, the main recommendation is to undertake a property-scale geological mapping and prospecting program, including the sampling of bedrock and near-source boulders, as well as follow-up drilling. In addition, some of the grab samples and drill core should also be analyzed for gold. The property and its immediate surroundings should be geologically mapped at a scale of 1:5,000 using a hand-held GPS.

8.0 REFERENCES

- DV 2012-06 Thériault, R., Beauséjour, S., 2012. Geology of Quebec. Ministère des Ressources Naturelles.
- GM 10229 Kennedy, B. E., 1960. Assessment Work Report Claim Group 7 Seignelay, 1959. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 12646 Maw, R. C., 1962. Assessment Work Report (Canton Seignelay) Claim Group 7, 1962. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 13213 Schmidt, R. C., 1963. Assessment Work Report Seignelay Claim Group 4C, 1963. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 34292 Summary and Evaluation Report of Seignelay Claim Group 1, 1979. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 34294 Summary and Evaluation Report of Seignelay Claim Group 4C, 1979. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 34296 Summary and Evaluation Report of Seignelay Claim Group 6S, 1979. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 34297 Summary and Evaluation Report of Seignelay Claim Group 7, 1979. Pickands Mather & Co., Midway Ore Co. Limited.
- GM 66217 Paul, R., Létourneau, O., 2011. Helicopter-borne Geomagnetic Survey Data Acquisition Report Seignelay Iron Property Project, 2011. Pacific Arc Resources Ltd.
- Tshimbalanga, S, 2012. Gravity Survey on the Seignelay Iron Ore Deposits Lac La Bouille and 4D Grids, Seignelay area, 2012. Géosig Inc., Pacific Arc Resources Ltd.
- Zubrzycki, A., 2012. Magnetometric Survey on the Seignelay Iron Property Seignelay, 2012. Thermoroc Inc., Pacific Arc Resources Ltd.

9.0 AUTHORS CERTIFICATION

The present is to certify that:

I, Pierre-Alexandre Pelletier, have resided at 494 rue Samuel-de-Champlain, Boucherville (Québec) since May 1, 2012.

I have been actively involved in the field of geology and mineral exploration since 2005. I have been involved in base metal exploration since 2009.

I am a graduate in geology from Université du Québec à Montréal (B.Sc. 2008).

I am a member of the Ordre des Géologues du Québec (OGQ #1324).


I have been performing mineral exploration for Pacific Arc Resources Ltd. since June 2012.

I have been directly involved in the planning, supervision and execution of mineral exploration programs on the Seignelay project since July 2012.

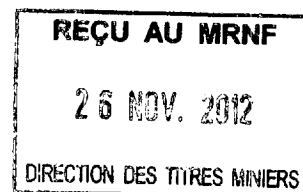
This report on the Seignelay property reflects the available documentation and my professional experience for this type of study. I fully endorse this report and its conclusions.

I have no direct interest, nor do I expect to receive such interest in the Seignelay property. I do possess stock options of Pacific Arc Resources Ltd.

Signed in Montreal, November 25, 2012.



Pierre-Alexandre Pelletier, G.I.T.



The present is to certify that:

I, Normand Champigny, have resided at 4717 Roslyn Avenue, Montreal (Québec) since June 27, 2001.

I have been actively involved in the field of geology, geological engineering, mineral exploration and mineral economics since 1979.

I am a graduate in geological engineering from École Polytechnique (B.A.Sc., 1979) and the University of British Columbia (M.A.Sc. 1981), as well as in geostatistics from École Nationale Supérieure des Mines de Paris (CFSG 1987).

I am a member of the Ordre des Ingénieurs du Québec (OIQ # 125380).

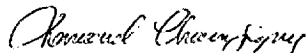
I have been performing mineral exploration for 33 years since 1979.

I have been directly involved in the design, planning and supervision of mineral exploration programs on the Seignelay project since May 2012.

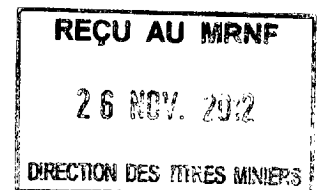
This report on the Seignelay property reflects the available documentation and my professional experience for this type of exploration work. I fully endorse this report and its conclusions.

I have no direct interest, nor do I expect to receive such interest in the Seignelay property. I am a director of Pacific Arc Resources Ltd. and I do possess stock options of Pacific Arc Resources Ltd.

Signed in Montreal, November 25, 2012.



Normand Champigny, ing.



Appendix A

PACIFIC ARC RESOURCES LTD.
 SIEGNELAY PROPERTY DETAILS
 2013/03/06 12:13

#	NTS SHEET	TYPE OF		AREA (HA)	EXPIRY	EXCESS	REQUIRED	REQUIRED	TITLEHOLDER	STATUS	NOTES
		TITLE	TITLE #		DATE	WORK	WORK	FEES			
1	NTS 23C02	CDC	2282682	1,84	2012/03/17	\$ -	\$ 48,00	\$ 54,00	Ramy Yacoub (82374) 100 % (responsible)	REVOKED	
2	NTS 23C07	CDC	2270798	52,73	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
3	NTS 23C07	CDC	2270799	45,98	2013/01/27	\$ -	\$ 120,00	\$ 109,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
4	NTS 23C07	CDC	2270800	52,23	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
5	NTS 23C07	CDC	2270801	27,11	2013/01/27	\$ -	\$ 120,00	\$ 98,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
6	NTS 23C07	CDC	2270802	52,71	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
7	NTS 23C07	CDC	2270803	38,42	2013/01/27	\$ -	\$ 135,00	\$ 98,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
8	NTS 23C07	CDC	2270804	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
9	NTS 23C07	CDC	2270805	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
10	NTS 23C07	CDC	2270806	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
11	NTS 23C07	CDC	2270807	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
12	NTS 23C07	CDC	2270808	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
13	NTS 23C07	CDC	2270809	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
14	NTS 23C07	CDC	2270810	52,7	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
15	NTS 23C07	CDC	2270811	52,69	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
16	NTS 23C07	CDC	2270812	52,69	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
17	NTS 23C07	CDC	2270813	52,69	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
18	NTS 23C07	CDC	2270814	52,69	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
19	NTS 23C07	CDC	2270815	52,68	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
20	NTS 23C07	CDC	2270816	52,68	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
21	NTS 23C07	CDC	2270817	52,68	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
22	NTS 23C07	CDC	2270818	52,68	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
23	NTS 23C07	CDC	2270819	52,67	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
24	NTS 23C07	CDC	2270820	52,67	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
25	NTS 23C07	CDC	2270821	52,66	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
26	NTS 23C07	CDC	2270822	52,66	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
27	NTS 23C07	CDC	2270823	52,65	2013/01/27	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
28	NTS 23C03	CDC	2274217	52,88	2013/02/16	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
29	NTS 23C03	CDC	2274218	52,87	2013/02/16	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
30	NTS 23C03	CDC	2274219	52,86	2013/02/16	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
31	NTS 23C03	CDC	2274220	52,85	2013/02/16	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
32	NTS 23C02	CDC	2274848	52,82	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
33	NTS 23C02	CDC	2274849	52,81	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
34	NTS 23C02	CDC	2274850	52,8	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
35	NTS 23C03	CDC	2274851	52,89	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
36	NTS 23C03	CDC	2274852	52,89	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
37	NTS 23C03	CDC	2274853	52,82	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
38	NTS 23C03	CDC	2274854	52,81	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
39	NTS 23C03	CDC	2274855	52,81	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	

PACIFIC ARC RESOURCES LTD.
 SIEGNELAY PROPERTY DETAILS
 2013/03/06 12:13

#	NTS SHEET	TYPE OF TITLE	TITLE #	AREA (HA)	EXPIRY DATE	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER	STATUS	NOTES
40	NTS 23C03	CDC	2274856	52,8	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
41	NTS 23C03	CDC	2274857	52,8	2013/02/23	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
42	NTS 23C02	CDC	2281771	17,47	2013/03/29	\$ -	\$ 120,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
43	NTS 23C02	CDC	2281772	52,75	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
44	NTS 23C02	CDC	2281773	52,75	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
45	NTS 23C02	CDC	2281774	52,75	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
46	NTS 23C02	CDC	2281775	52,75	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
47	NTS 23C02	CDC	2281776	52,74	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
48	NTS 23C02	CDC	2281777	52,74	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
49	NTS 23C07	CDC	2281778	52,73	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
50	NTS 23C07	CDC	2281779	52,72	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
51	NTS 23C07	CDC	2281780	52,71	2013/03/29	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	Do Not Renew
52	NTS 23C07	CDC	2281781	49,74	2013/03/29	\$ -	\$ 120,00	\$ 109,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
53	NTS 23C07	CDC	2281782	9,89	2013/03/29	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
54	NTS 23C07	CDC	2281783	13,24	2013/03/29	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
55	NTS 23C07	CDC	2281784	43,17	2013/03/29	\$ -	\$ 120,00	\$ 98,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
56	NTS 23C07	CDC	2281785	21,11	2013/03/29	\$ -	\$ 120,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
57	NTS 23C07	CDC	2281786	12,96	2013/03/29	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
58	NTS 23C07	CDC	2281787	6,15	2013/03/29	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
59	NTS 23C07	CDC	2281788	17,19	2013/03/29	\$ -	\$ 120,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
60	NTS 23C02	CDC	2282676	52,77	2013/04/03	\$ -	\$ 135,00	\$ 123,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
61	NTS 23C02	CDC	2282677	26,48	2013/04/03	\$ -	\$ 48,00	\$ 98,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
62	NTS 23C02	CDC	2282678	3,56	2013/04/03	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
63	NTS 23C02	CDC	2282679	8,83	2013/04/03	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
64	NTS 23C02	CDC	2282680	0,01	2013/04/03	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
65	NTS 23C02	CDC	2282681	38,05	2013/04/03	\$ -	\$ 48,00	\$ 98,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
66	NTS 23C02	CDC	2282683	0,02	2013/04/03	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
67	NTS 23C02	CDC	2282684	5,32	2013/04/03	\$ -	\$ 120,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
68	NTS 23C02	CDC	2282685	0,91	2013/04/03	\$ -	\$ 48,00	\$ 27,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
69	NTS 23C02	CDC	2282686	41,29	2013/04/03	\$ -	\$ 135,00	\$ 98,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
70	NTS 23C02	CDC	2282687	45,95	2013/04/03	\$ -	\$ 135,00	\$ 109,00	Ramy Yacoub (82374) 100 % (responsible)	Active	
71	NTS 23C02	CDC	2284233	52,79	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
72	NTS 23C02	CDC	2284234	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
73	NTS 23C02	CDC	2284235	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
74	NTS 23C02	CDC	2284236	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
75	NTS 23C02	CDC	2284237	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
76	NTS 23C02	CDC	2284238	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
77	NTS 23C02	CDC	2284239	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
78	NTS 23C02	CDC	2284240	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	

PACIFIC ARC RESOURCES LTD.

SIEGNELAY PROPERTY DETAILS

2013/03/06 12:13

#	NTS SHEET	TYPE OF		AREA (HA)	EXPIRY	EXCESS	REQUIRED	REQUIRED	TITLEHOLDER	STATUS	NOTES
		TITLE	TITLE #		DATE	WORK	WORK	FEES			
79	NTS 23C02	CDC	2284241	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
80	NTS 23C02	CDC	2284242	52,78	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
81	NTS 23C02	CDC	2284243	52,75	2013/04/11	\$ 1 092,91	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
82	NTS 23C02	CDC	2304116	52,84	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
83	NTS 23C02	CDC	2304117	52,84	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
84	NTS 23C02	CDC	2304118	52,84	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
85	NTS 23C02	CDC	2304119	52,84	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
86	NTS 23C02	CDC	2304120	52,84	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
87	NTS 23C02	CDC	2304121	52,84	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
88	NTS 23C02	CDC	2304122	52,83	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
89	NTS 23C02	CDC	2304123	52,83	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
90	NTS 23C02	CDC	2304124	52,83	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
91	NTS 23C02	CDC	2304125	52,83	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
92	NTS 23C02	CDC	2304126	52,83	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
93	NTS 23C02	CDC	2304127	52,82	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
94	NTS 23C02	CDC	2304128	52,82	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
95	NTS 23C02	CDC	2304129	52,82	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
96	NTS 23C02	CDC	2304130	52,82	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
97	NTS 23C02	CDC	2304131	52,81	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
98	NTS 23C02	CDC	2304132	52,81	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
99	NTS 23C02	CDC	2304133	52,81	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
100	NTS 23C02	CDC	2304134	52,81	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
101	NTS 23C02	CDC	2304135	52,8	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
102	NTS 23C03	CDC	2304136	52,88	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
103	NTS 23C03	CDC	2304137	52,87	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
104	NTS 23C03	CDC	2304138	52,87	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
105	NTS 23C03	CDC	2304139	52,86	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
106	NTS 23C03	CDC	2304140	52,86	2013/07/27	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
107	NTS 23C07	CDC	2304177	52,73	2013/07/28	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
108	NTS 23C07	CDC	2304178	52,72	2013/07/28	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
109	NTS 23C07	CDC	2304179	52,71	2013/07/28	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
110	NTS 23C07	CDC	2304180	13,74	2013/07/28	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
111	NTS 23C07	CDC	2304181	0,73	2013/07/28	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
112	NTS 23C07	CDC	2304182	2,75	2013/07/28	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
113	NTS 23C07	CDC	2304183	52,7	2013/07/28	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
114	NTS 23C07	CDC	2304184	52,7	2013/07/28	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
115	NTS 23C07	CDC	2186009	52,73	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
116	NTS 23C07	CDC	2186010	52,73	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
117	NTS 23C07	CDC	2186011	52,73	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	

#	NTS SHEET	TYPE OF		AREA (HA)	EXPIRY	EXCESS	REQUIRED	REQUIRED	TITLEHOLDER	STATUS	NOTES
		TITLE	TITLE #		DATE	WORK	WORK	FEES			
118	NTS 23C07	CDC	2186012	52,73	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
119	NTS 23C07	CDC	2186013	52,72	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
120	NTS 23C07	CDC	2186014	52,72	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
121	NTS 23C07	CDC	2186015	52,72	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
122	NTS 23C07	CDC	2186016	52,72	2013/07/28	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
123	NTS 23C03	CDC	2304431	52,91	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
124	NTS 23C03	CDC	2304432	52,91	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
125	NTS 23C03	CDC	2304433	52,9	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
126	NTS 23C03	CDC	2304434	52,9	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
127	NTS 23C03	CDC	2304435	52,89	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
128	NTS 23C03	CDC	2304442	52,79	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
129	NTS 23C03	CDC	2304443	52,79	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
130	NTS 23C03	CDC	2304444	52,78	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
131	NTS 23C03	CDC	2304445	52,78	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
132	NTS 23C03	CDC	2304446	52,78	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
133	NTS 23C03	CDC	2304447	52,78	2013/07/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
134	NTS 23C02	CDC	2307423	52,76	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
135	NTS 23C02	CDC	2307424	52,76	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
136	NTS 23C02	CDC	2307425	52,76	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
137	NTS 23C02	CDC	2307426	52,75	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
138	NTS 23C02	CDC	2307427	52,75	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
139	NTS 23C02	CDC	2307428	52,75	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
140	NTS 23C02	CDC	2307429	47,93	2013/08/14	\$ -	\$ 120,00	\$ 109,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
141	NTS 23C02	CDC	2307430	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
142	NTS 23C02	CDC	2307431	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
143	NTS 23C02	CDC	2307432	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
144	NTS 23C02	CDC	2307433	50,39	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
145	NTS 23C02	CDC	2307434	38,22	2013/08/14	\$ -	\$ 120,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
146	NTS 23C02	CDC	2307435	22,39	2013/08/14	\$ -	\$ 120,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
147	NTS 23C02	CDC	2307436	31,27	2013/08/14	\$ -	\$ 135,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
148	NTS 23C02	CDC	2307437	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
149	NTS 23C02	CDC	2307438	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
150	NTS 23C02	CDC	2307439	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
151	NTS 23C02	CDC	2307440	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
152	NTS 23C02	CDC	2307441	52,74	2013/08/14	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	Do Not Renew
153	NTS 23C02	CDC	2188143	52,77	2013/09/09	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
154	NTS 23C02	CDC	2188144	52,77	2013/09/09	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
155	NTS 23C02	CDC	2188145	52,76	2013/09/09	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
156	NTS 23C02	CDC	2188146	52,76	2013/09/09	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	

#	NTS SHEET	TYPE OF		AREA (HA)	EXPIRY	EXCESS	REQUIRED	REQUIRED	TITLEHOLDER	STATUS	NOTES
		TITLE	TITLE #		DATE	WORK	WORK	FEES			
196	NTS 23C07	CDC	2311967	52,71	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
197	NTS 23C02	CDC	2311972	52,8	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
198	NTS 23C02	CDC	2311973	52,8	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
199	NTS 23C02	CDC	2311974	52,8	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
200	NTS 23C02	CDC	2311975	52,8	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
201	NTS 23C02	CDC	2311976	52,79	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
202	NTS 23C02	CDC	2311977	52,79	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
203	NTS 23C02	CDC	2311978	52,79	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
204	NTS 23C02	CDC	2311979	52,79	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
205	NTS 23C02	CDC	2311980	52,78	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
206	NTS 23C02	CDC	2311981	52,78	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
207	NTS 23C02	CDC	2311982	52,78	2013/09/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
208	NTS 23C02	CDC	2189339	52,83	2013/09/17	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
209	NTS 23C02	CDC	2312735	52,75	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
210	NTS 23C02	CDC	2312736	52,79	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
211	NTS 23C02	CDC	2312737	52,79	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
212	NTS 23C02	CDC	2312738	52,79	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
213	NTS 23C02	CDC	2312739	52,79	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
214	NTS 23C02	CDC	2312740	52,79	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
215	NTS 23C02	CDC	2312741	52,79	2013/09/20	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
216	NTS 23C02	CDC	2315215	52,79	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
217	NTS 23C02	CDC	2315216	52,79	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
218	NTS 23C02	CDC	2315217	52,79	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
219	NTS 23C02	CDC	2315218	52,79	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
220	NTS 23C02	CDC	2315219	52,78	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
221	NTS 23C02	CDC	2315220	52,78	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
222	NTS 23C02	CDC	2315221	52,78	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
223	NTS 23C02	CDC	2315222	52,77	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
224	NTS 23C02	CDC	2315223	52,77	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
225	NTS 23C02	CDC	2315224	52,77	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
226	NTS 23C02	CDC	2315225	52,77	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
227	NTS 23C02	CDC	2315226	52,77	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
228	NTS 23C02	CDC	2315227	52,77	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
229	NTS 23C02	CDC	2315228	52,76	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
230	NTS 23C02	CDC	2315229	52,76	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
231	NTS 23C02	CDC	2315230	52,75	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
232	NTS 23C02	CDC	2315231	52,75	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
233	NTS 23C02	CDC	2315232	52,75	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
234	NTS 23C02	CDC	2315233	52,75	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	

PACIFIC ARC RESOURCES LTD.

SIEGNELAY PROPERTY DETAILS

2013/03/06 12:13

#	NTS SHEET	TYPE OF TITLE	TITLE #	AREA (HA)	EXPIRY DATE	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER	STATUS	NOTES
235	NTS 23C02	CDC	2315234	52,74	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
236	NTS 23C02	CDC	2315235	52,74	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
237	NTS 23C02	CDC	2315236	52,74	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
238	NTS 23C02	CDC	2315237	30,43	2013/10/03	\$ -	\$ 120,00	\$ 98,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
239	NTS 23C02	CDC	2315238	51,3	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
240	NTS 23C02	CDC	2315239	52,64	2013/10/03	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
241	NTS 23C02	CDC	2315250	49,81	2013/10/03	\$ -	\$ 135,00	\$ 109,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
242	NTS 23C02	CDC	2315251	8,78	2013/10/03	\$ -	\$ 48,00	\$ 27,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
243	NTS 23C02	CDC	2315252	1,86	2013/10/03	\$ -	\$ 48,00	\$ 27,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
244	NTS 23C03	CDC	2317438	52,88	2013/10/11	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
245	NTS 23C07	CDC	2317467	52,69	2013/10/12	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
246	NTS 23C02	CDC	2318076	52,31	2013/10/16	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
247	NTS 23C02	CDC	2192472	52,77	2013/10/21	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
248	NTS 23C02	CDC	2192473	52,77	2013/10/21	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
249	NTS 23C03	CDC	2192474	52,84	2013/10/21	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
250	NTS 23C03	CDC	2192475	52,84	2013/10/21	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
251	NTS 23C03	CDC	2192476	52,83	2013/10/21	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
252	NTS 23C02	CDC	2192524	52,75	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
253	NTS 23C02	CDC	2192525	52,75	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
254	NTS 23C02	CDC	2192526	52,75	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
255	NTS 23C02	CDC	2192527	52,74	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
256	NTS 23C02	CDC	2192528	52,74	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
257	NTS 23C02	CDC	2192529	52,74	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
258	NTS 23C02	CDC	2192530	52,74	2013/10/21	\$ -	\$ 450,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
259	NTS 23C02	CDC	2192708	52,79	2013/10/22	\$ 957,92	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
260	NTS 23C02	CDC	2192709	52,79	2013/10/22	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
261	NTS 23C03	CDC	2192710	52,83	2013/10/22	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
262	NTS 23C03	CDC	2192711	52,83	2013/10/22	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
263	NTS 23C03	CDC	2192712	52,83	2013/10/22	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
264	NTS 23C03	CDC	2321834	52,96	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
265	NTS 23C03	CDC	2321835	52,96	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
266	NTS 23C03	CDC	2321836	52,95	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
267	NTS 23C03	CDC	2321837	52,95	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
268	NTS 23C03	CDC	2321838	52,94	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
269	NTS 23C03	CDC	2321839	52,94	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
270	NTS 23C03	CDC	2321840	52,93	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
271	NTS 23C03	CDC	2321841	52,93	2013/10/31	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
272	NTS 23C02	CDC	2323674	8	2013/11/13	\$ -	\$ 48,00	\$ 27,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
273	NTS 23C02	CDC	2323675	0,01	2013/11/13	\$ -	\$ 48,00	\$ 27,00	Lai Lai Chan (14370) 100 % (responsible)	Active	

#	NTS SHEET	TYPE OF TITLE	TITLE #	AREA (HA)	EXPIRY DATE	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER	STATUS	NOTES
274	NTS 23C02	CDC	2327635	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
275	NTS 23C02	CDC	2327636	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
276	NTS 23C02	CDC	2327637	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
277	NTS 23C02	CDC	2327638	52,76	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
278	NTS 23C02	CDC	2327639	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
279	NTS 23C02	CDC	2327640	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
280	NTS 23C02	CDC	2327641	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
281	NTS 23C02	CDC	2327642	52,76	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
282	NTS 23C02	CDC	2327643	52,76	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
283	NTS 23C03	CDC	2327644	52,92	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
284	NTS 23C03	CDC	2327645	52,92	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
285	NTS 23C03	CDC	2327646	52,89	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
286	NTS 23C03	CDC	2327647	52,88	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
287	NTS 23C03	CDC	2327648	52,87	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
288	NTS 23C03	CDC	2327649	52,85	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
289	NTS 23C03	CDC	2327650	52,81	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
290	NTS 23C03	CDC	2327651	52,81	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
291	NTS 23C03	CDC	2327652	52,8	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
292	NTS 23C03	CDC	2327653	52,8	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
293	NTS 23C03	CDC	2327654	52,8	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
294	NTS 23C03	CDC	2327655	52,79	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
295	NTS 23C03	CDC	2327656	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
296	NTS 23C03	CDC	2327657	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
297	NTS 23C03	CDC	2327658	52,77	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
298	NTS 23C03	CDC	2327659	52,84	2013/12/07	\$ -	\$ 135,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
299	NTS 23C03	CDC	2327660	25,86	2013/12/07	\$ -	\$ 120,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
300	NTS 23C03	CDC	2327661	34,95	2013/12/07	\$ -	\$ 120,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
301	NTS 23C03	CDC	2327662	7,16	2013/12/07	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
302	NTS 23C03	CDC	2327663	2,5	2013/12/07	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
303	NTS 23C03	CDC	2327664	21,7	2013/12/07	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
304	NTS 23C03	CDC	2327665	47,65	2013/12/07	\$ -	\$ 135,00	\$ 109,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
305	NTS 23C03	CDC	2327666	13,89	2013/12/07	\$ -	\$ 48,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
306	NTS 23C02	CDC	2204930	52,22	2014/02/10	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
307	NTS 23C02	CDC	2204931	52,77	2014/02/10	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
308	NTS 23C02	CDC	2204884	52,82	2014/02/10	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
309	NTS 23C02	CDC	2334183	52,74	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
310	NTS 23C07	CDC	2334166	52,73	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
311	NTS 23C07	CDC	2334167	52,72	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
312	NTS 23C07	CDC	2334168	52,72	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	

PACIFIC ARC RESOURCES LTD.

SIEGNELAY PROPERTY DETAILS

2013/03/06 12:13

#	NTS SHEET	TYPE OF		AREA (HA)	EXPIRY	EXCESS	REQUIRED	REQUIRED	TITLEHOLDER	STATUS	NOTES
		TITLE	TITLE #		DATE	WORK	WORK	FEES			
313	NTS 23C07	CDC	2334169	52,72	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
314	NTS 23C07	CDC	2334170	52,72	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
315	NTS 23C07	CDC	2334171	52,72	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
316	NTS 23C07	CDC	2334172	52,71	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
317	NTS 23C07	CDC	2334173	52,71	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
318	NTS 23C07	CDC	2334174	52,71	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
319	NTS 23C07	CDC	2334175	52,71	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
320	NTS 23C07	CDC	2334176	52,67	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
321	NTS 23C07	CDC	2334177	52,67	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
322	NTS 23C07	CDC	2334178	52,66	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
323	NTS 23C07	CDC	2334179	52,66	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
324	NTS 23C07	CDC	2334180	52,65	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
325	NTS 23C07	CDC	2334181	52,65	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
326	NTS 23C07	CDC	2334182	52,65	2014/03/04	\$ -	\$ 135,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
327	NTS 23C02	CDC	2222237	52,81	2014/04/26	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
328	NTS 23C02	CDC	2222238	52,8	2014/04/26	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
329	NTS 23C03	CDC	2222239	52,82	2014/04/26	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
330	NTS 23C03	CDC	2228585	52,88	2014/05/04	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
331	NTS 23C03	CDC	2228586	52,88	2014/05/04	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
332	NTS 23C03	CDC	2228587	52,87	2014/05/04	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
333	NTS 23C03	CDC	2228588	52,87	2014/05/04	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
334	NTS 23C07	CDC	2161016	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
335	NTS 23C07	CDC	2161017	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
336	NTS 23C07	CDC	2161018	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
337	NTS 23C07	CDC	2161019	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
338	NTS 23C07	CDC	2161020	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
339	NTS 23C07	CDC	2161021	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
340	NTS 23C07	CDC	2161076	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
341	NTS 23C07	CDC	2161077	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
342	NTS 23C07	CDC	2161078	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
343	NTS 23C07	CDC	2161079	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
344	NTS 23C07	CDC	2161080	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
345	NTS 23C07	CDC	2161081	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
346	NTS 23C07	CDC	2161082	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
347	NTS 23C07	CDC	2161083	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
348	NTS 23C07	CDC	2161084	52,59	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
349	NTS 23C07	CDC	2161085	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
350	NTS 23C07	CDC	2161086	52,58	2014/06/15	\$ -	\$ 900,00	\$ 123,00	Lai Lai Chan (14370) 100 % (responsible)	Active	
351	NTS 23C02	CDC	2240171	52,76	2014/07/07	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	

#	NTS SHEET	TYPE OF		AREA (HA)	EXPIRY	EXCESS	REQUIRED	REQUIRED	TITLEHOLDER	STATUS	NOTES
		TITLE	TITLE #		DATE	WORK	WORK	FEEs			
352	NTS 23C03	CDC	2259640	52,86	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
353	NTS 23C03	CDC	2259641	52,86	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
354	NTS 23C03	CDC	2259642	52,86	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
355	NTS 23C03	CDC	2259643	34,23	2014/11/08	\$ 972,91	\$ 400,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
356	NTS 23C03	CDC	2259644	11,04	2014/11/08	\$ 1 044,91	\$ 160,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
357	NTS 23C03	CDC	2259645	48,39	2014/11/08	\$ 957,91	\$ 450,00	\$ 109,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
358	NTS 23C03	CDC	2259646	19,31	2014/11/08	\$ 1 044,91	\$ 160,00	\$ 27,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
359	NTS 23C03	CDC	2259647	52,84	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
360	NTS 23C03	CDC	2259648	52,84	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
361	NTS 23C03	CDC	2259649	52,84	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
362	NTS 23C03	CDC	2259650	52,84	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
363	NTS 23C03	CDC	2259651	52,84	2014/11/08	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
364	NTS 23C02	CDC	2261548	51,17	2014/11/22	\$ 972,91	\$ 400,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
365	NTS 23C02	CDC	2261549	47,99	2014/11/22	\$ 972,91	\$ 400,00	\$ 109,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
366	NTS 23C02	CDC	2261550	28,12	2014/11/22	\$ 1 044,91	\$ 160,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
367	NTS 23C02	CDC	2261551	41,26	2014/11/22	\$ 972,91	\$ 400,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
368	NTS 23C02	CDC	2261552	52,47	2014/11/22	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
369	NTS 23C02	CDC	2261553	29,84	2014/11/22	\$ 972,91	\$ 400,00	\$ 98,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
370	NTS 23C02	CDC	2265280	52,78	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
371	NTS 23C02	CDC	2265281	52,78	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
372	NTS 23C02	CDC	2265282	52,78	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
373	NTS 23C02	CDC	2265283	52,78	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
374	NTS 23C02	CDC	2265284	52,78	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
375	NTS 23C02	CDC	2265285	52,77	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
376	NTS 23C02	CDC	2265286	52,77	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
377	NTS 23C02	CDC	2265287	52,77	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
378	NTS 23C02	CDC	2265288	52,77	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
379	NTS 23C02	CDC	2265289	52,77	2014/12/16	\$ 957,91	\$ 450,00	\$ 123,00	Fayz Yacoub (19217) 100 % (responsible)	Active	
Sum 2013				14707,54		\$ 41 691,51	\$ 48 414,00	\$ 34 687,00			
Sum 2014				3737,32		\$ 37 694,49	\$ 34 160,00	\$ 8 782,00			
Sum Total				18444,86		\$ 79 386,00	\$ 82 574,00	\$ 43 469,00			

Pacific Arc Resources Ltd.

Project Seignelay	Collar Location Datum: UTM NAD83 Easting: 512587 Northing: 5790129 Altitude: 573 Mag. Declension: 22W	Grid Location Line: L4 Station: O+42	Orient. Tool GPS/Sylva Reflex	Depth 0.00 108.00	Azimat N270 N286.2°	Inclin. -46 -45.8	Mag. 50768	Temp. 14	Contractor FTE (Orbite Garant)	Date Start: 18 august 201 Finish: 19 august 201
logged by Pierre-Alexandre Pelletier								on 19 august 2012		

Level	from	to	Description	Sample	Lab	from	to	length	SiO2 %	Al2O3 %	Fe2O3 %							
1	0.00	11.81	Overburden	M077037	ALS	11.81	15.00	3.19	67	0.22	32.6							
1	11.81	81.93	S9 QZ 60% HS 30% HM 10% (MG)	M077038	ALS	15.00	18.00	3.00	68.9	0.13	30.9							
				M077039	ALS	18.00	21.00	3.00	73.3	4.76	18.4							
				M077040	ALS	21.00	24.00	3.00	77.1	0.23	22.3							
2	11.81	18.42	QZ 70% HS 20% GO 10% Fortement dégradé So 25° @ 12.72m	M077041	ALS	24.00	27.00	3.00	66.8	0.19	32.2							
				M077042	ALS	27.00	30.00	3.00	53.5	0.16	45.6							
2	18.42	20.39	QZ 90% HS+ SR 10% CL+++	M077043	ALS	30.00	33.00	3.00	59.6	0.45	39.2							
				M077044	ALS	33.00	36.00	3.00	54.7	0.29	44.5							
2	24.30	26.07	QZ 70% HS 30%	M077045	ALS	36.00	39.00	3.00	50	0.21	49.4							
				M077046	ALS	39.00	42.00	3.00	53.2	0.21	46.3							
3	24.62	24.93	QZ.v	M077047	ALS	42.00	45.00	3.00	55.4	0.1	44							
				M077048	ALS	45.00	48.00	3.00	37.8	0.12	61.8							
3	24.93	26.07	GO 90% QZ 10% (HS) Roche pourrie	M077049	ALS	48.00	51.00	3.00	40.9	0.15	57.9							
				M077050	ALS	51.00	54.00	3.00	50.3	0.42	47.8							
2	27.10	27.28	QZ.v HS.vcgr	M077051	ALS	54.00	57.00	3.00	43	0.29	56.4							
				M077052	ALS	57.00	60.00	3.00	45.1	0.21	54.2							
2	29.80	32.31	QZ 90% HS 10%	M077053	ALS	60.00	63.00	3.00	52.8	0.24	45.9							
				M077054	ALS	63.00	66.00	3.00	73.7	0.32	26							
2	33.00	33.98	GO 80% QZ 15% HS 5%	M077055	ALS	66.00	69.00	3.00	92.9	0.3	6.22							
				M077056	ALS	69.00	72.00	3.00	81.5	4.88	10.5							
2	35.53	36.32	HS 90% QZ 10%	M077057	ALS	72.00	75.00	3.00	67.9	5.01	24.4							
				M077058	ALS	75.00	78.00	3.00	71.6	6.62	17.6							
2	42.56	42.81	QZ.v	M077059	ALS	78.00	81.00	3.00	79.4	6.94	8.38							
				M077060	ALS	81.00	84.00	3.00	71.2	8.09	14.8							
2	43.77	45.23	QZ 95% HS 5%	M077060	ALS	BLANK			74	14.2	0.74							
2	45.93	48.26	HS 95% QZ 5% HM+															
2	48.26	53.50	QZ 65% HS 30% GO 5% Rubanement, Roche Pourrie															
2	53.50	55.90	QZ 70% HS 30%															
2	55.90	57.35	HS 95% QZ 5%															
2	58.45	62.23	HS 95% QZ 5%															
2	62.23	78.42	QZ 95% (HS) SR+															
3	70.62	71.59	CL 40% QZ 40% SR 20%															
3	71.59	80.95	QZ.v 50% CL 30% HS 10% FK 10% IIG.v Rubanement															
2	80.95	81.93	CL 10% SR 10% (HS) Rubanement															
1	81.93	108.00	M1 SR/BT 80% QZ 20%															
2	81.93	88.06	SR 80% QZ 15% BT 5%															
2	88.06	98.00	BT 70% QZ 25% FK 5%															
2	98.00	102.00	BT 90% QZ 10%															
2	102.00	108.00	Red Clay SR 100%															

Handwritten notes:
OIG
125350

REÇU AU MRNF
12 MARS 2013
DIRECTION DES TITRES MINIERES

1254283

Pacific Arc Resources Ltd.

Project Seignelay	Collar Location Datum : UTM NAD83	Grid Location Line : L4	Orient. Tool GPS/Sylva	Depth 0.00	Azimat N270°	Inclin. -80	Mag. 51561	Temp.	Contractor FTE (Orbite Garant)	Date Start : 19 august 2012
Hole SEI-12-10	Easting : 512587	Station : 0+42	Reflex	90.00	N300.6°	-81.1	13987		logged by Pierre-Alexandre Pelletier	Finish : 20 august 2012
	Northing : 5790129		Reflex	90.00	N221.5°	-80.6			on 19 august 2012	
	Altitude : 573									
	Mag. Declension : 22W	Core size : NQ								
		Left in hole :								

Pierre-Alexandre Pelletier
Shawn A. Green
ing
OTG 125380

Level	from	to	Description	Sample	Lab	from	to	length	SiO2 %	Al2O3 %	Fe2O3 %								
1	0.00	10.82	Overburden	M077062	ALS	10.52	12.00	1.48	71.83	0.11	28.15								
				M077063	ALS	12.00	15.00	3.00	64.05	0.13	35.74								
1	10.82	75.20	S9 QZ 85% HS 15%	M077064	ALS	15.00	18.00	3.00	68.86	3.47	25.1								
				M077065	ALS	18.00	21.00	3.00	75.9	0.28	23.56								
2	10.82	17.10	QZ 80% HS 20%	M077066	ALS	21.00	24.00	3.00	61.91	0.19	37.38								
				M077067	ALS	24.00	27.00	3.00	53.48	0.14	45.86								
2	17.10	18.05	11G CL 80% QZ 15% FK 5% (HS)	M077068	ALS	27.00	30.00	3.00	51.3	0.29	47.74								
				M077069	ALS	30.00	33.00	3.00	46.76	0.59	51.98								
2	18.05	20.33	QZ 90% HS 5% GO 5% Porosité +++	M077070	ALS	33.00	36.00	3.00	52.24	0.32	46.96								
				M077071	ALS	36.00	39.00	3.00	41.84	0.18	57.49								
2	29.10	30.25	HS 20% CL++ SR+	M077072	ALS	39.00	42.00	3.00	48.62	0.18	50.43								
				M077073	ALS	42.00	45.00	3.00	49.91	0.4	47.88								
2	30.51	30.90	HS 20% CL10% SR+ Plissements	M077074	ALS	45.00	48.00	3.00	54.15	0.53	44.32								
				M077075	ALS	48.00	51.00	3.00	55.45	0.17	43.83								
2	37.28	38.44	HS 30%	M077076	ALS	51.00	54.00	3.00	57.3	0.23	42.24								
				M077077	ALS	54.00	57.00	3.00	72.54	0.51	26.71								
2	38.44	40.23	HS 20%	M077078	ALS	57.00	60.00	3.00	90.21	1.51	6.84								
				M077079	ALS	60.00	63.00	3.00	68.68	6.12	21.48								
2	40.23	46.56	QZ 85% HS 10% GO 5% Rubonnement prononcé	M077080	ALS	63.00	66.00	3.00	65.66	5.88	24.69								
				M077081	ALS	66.00	69.00	3.00	79.49	6.86	9.34								
2	46.56	55.23	HS 40%	M077082	ALS	69.00	72.00	3.00	73.76	6.28	15.41								
				M077083	ALS	72.00	75.00	3.00	78.68	3.48	15.27								
2	55.23	60.40	QZ 99% SR+	M077084	ALS	75.00	78.00	3.00	73.47	10.23	9								
2	60.40	62.66	QZ 85% SR 10% CL 5% Plissements																
2	62.66	63.99	QZ 80% HS 10% CL 10%																
2	63.99	69.33	QZ 98% (HS) CL+																
2	69.33	75.20	QZ 90% HS 10% CL+ SR+																
1	75.20	90.00	Gneiss SR 40% CL 30% QZ 20% BT 10%																
2	75.20	78.80	CL 50% AM FK QZ BT																
2	78.80	80.19	BT 90% SR 10% Green Clays																
2	80.19	90.00	SR 80% CL 20% Red Clays																

1254283

REÇU AU MRNF
 12 MARS 2013
 DIRECTION DES TITRES MINIERES

Pacific Arc Resources Ltd.

Project Seignelay	Collar Location Datum : UTM NAD83 Easting : 512489 Northing : 5790131 Altitude : 572 Mag. Declension : 22W	Grid Location Line : L4 Station : 1+39	Orient. Tool GPS/Sylva Reflex	Depth 0.00 66.00	Azimet N270° N348.4°	Inclin. -80 -47.7	Mag. 21425	Temp.	Contractor FTE (Orbite Garant)	Date Start : 20 august 2012 Finish : 21 august 2012
Hole SEI-12-11									logged by Pierre-Alexandre Pelletier	on 24 august 2012
		Core size : NQ							<i>Pierre-Alexandre Pelletier</i>	

*Guillaume
Champeff
eng.
CIQ 125380*

Level	from	to	Description	Sample	Lab	from	to	length	SiO2 %	Al2O3 %	Fe2O3 %						
1	0.00	8.78	Overburden	M077085	ALS	9.00	12.00	3.00	44.85	0.13	54.22						
				M077086	ALS	12.00	15.00	3.00	44.8	0.21	53.9						
1	8.78	40.66	S9 QZ 80% HS 20%	M077087	ALS	15.00	18.00	3.00	54.6	0.24	44.12						
				M077088	ALS	18.00	21.00	3.00	52.71	0.27	46.29						
2	16.15	16.47	QZ 80% HS 15% GO 5% Forte Porosité	M077089	ALS	21.00	24.00	3.00	54.73	0.19	44.76						
				M077090	ALS	BLANK			73.87	13.19	2.93						
2	16.65	17.39	QZ 80% HS 15% GO 5% Forte Porosité	M077091	ALS	24.00	27.00	3.00	66.03	0.63	32.62						
				M077092	ALS	27.00	30.00	3.00	95.85	0.43	3.27						
2	19.57	24.55	QZ 90% HS 10% Rubannement	M077093	ALS	30.00	33.00	3.00	82.44	3.32	12.11						
				M077094	ALS	33.00	36.00	3.00	73.17	5.52	17.48						
2	24.55	30.55	QZ 100% (HS) (SR)	M077095	ALS	36.00	39.00	3.00	70.95	4.48	21.44						
				M077096	ALS	39.00	42.00	3.00	74.5	6.02	14.93						
2	30.55	33.00	QZ 95% SR 5%														
2	33.00	40.66	QZ 90% SR 10% BT+ CL+ HS+														
1	40.66	66.00	Gneiss SR 60% CL 30% BT 10%														
2	40.66	43.28	SR 80% CL 20% Red Clays														
2	43.28	44.83	BT 90% SR 10% Green Clays														
2	44.83	48.00	SR 80% CL 20% Red Clays														
2	48.00	61.00	BT 90% SR 10% Green Clays														
2	61.00	66.00	SR 80% CL 20% Red Clays														

1254283

REÇU AU MRNF
12 MARS 2013
DIRECTION DES TITRES MINIERES

Pacific Arc Resources Ltd.

Project Seignelay	Collar Location Datum : UTM NAD83 Easting : 512740 Northing : 5790133 Altitude : 572 Mag. Declension : 22W	Grid Location Line : L4 Station : -1+08	Orient. Tool GPS/Sylva Reflex	Depth 0.00 120.00	Azimuth N270 N253.5°	Inclin. -46 -46.2	Mag. 21425	Temp. 9	Contractor FTE (Orbite Garant)	Date Start : 21 august 2012 Finish : 22 august 2012
Hole SEI-12-12									logged by Pierre-Alexandre Pelletier <i>Pierre-Alexandre Pelletier</i>	on 24 august 2012
			Core size : NQ							
			Left in hole :							

Kenneth Chavasse
log
OIQ 125380

Level	from	to	Description	Sample	Lab	from	to	length	SiO2 %	Al2O3 %	Fe2O3 %							
1	0.00	21.00	Overburden	M077097	ALS	21.00	24.00	3.00	46.96	0.13	52.09							
				M077098	ALS	24.00	27.00	3.00	53.45	0.1	45.4							
1	21.00	33.00	S9 QZ 80% HS 20% (MG)	M077099	ALS	27.00	30.00	3.00	55.12	0.11	43.81							
				M077100	ALS	30.00	33.00	3.00	48.96	0.1	50.29							
2	33.00	36.89	QZ 75% HS 20% GO 5%	M077101	ALS	33.00	36.00	3.00	41.78	0.07	57.8							
				M077102	ALS	36.00	39.00	3.00	44.48	0.14	54.61							
2	36.89	44.49	QZ 90% HS 5% GO 5% SR++ Blocs	M077103	ALS	39.00	42.00	3.00	50.73	0.36	47.73							
				M077104	ALS	42.00	45.00	3.00	46.24	0.61	52.45							
2	44.49	46.44	CL 90% QZ 5% SR 5% (HS)	M077105	ALS	45.00	48.00	3.00	64.53	3.97	28.82							
				M077106	ALS	48.00	51.00	3.00	61.89	0.17	37.38							
3	46.44	54.37	QZ 80% HS 20% Blocs	M077107	ALS	51.00	54.00	3.00	43.88	0.31	54.81							
				M077108	ALS	54.00	57.00	3.00	42.58	0.24	57.1							
3	54.37	57.15	QZ 70% HS 30%	M077109	ALS	57.00	60.00	3.00	62.1	0.4	36.61							
				M077110	ALS	60.00	63.00	3.00	93.53	2.7	2.31							
2	57.15	59.17	QZ 95% GO 5% SR+	M077111	ALS	63.00	66.00	3.00	88.7	6.05	1.42							
				M077112	ALS	66.00	69.00	3.00	85.15	7.29	1.77							
2	59.17	63.97	QZ.cgr 100%	M077113	ALS	69.00	72.00	3.00	64.18	5.63	26.11							
				M077114	ALS	72.00	75.00	3.00	58.24	1	39.76							
2	63.97	70.95	QZ 85% SR 10% CL5% (HS)	M077115	ALS	75.00	78.00	3.00	57.14	0.4	42.13							
				M077116	ALS	78.00	81.00	3.00	59.25	0.51	39.78							
2	70.95	80.45	QZ 75% HS 25% So 25°@77.5m	M077117	ALS	81.00	84.00	3.00	78.24	9.99	5.08							
				M077118	ALS	84.00	87.00	3.00	91.12	1.29	6.53							
2	80.45	82.12	QZ 100% (CC)	M077119	ALS	87.00	90.00	3.00	59.15	0.77	39.18							
				M077120	ALS	BLANK	93.00		74.59	14.19	0.64							
2	82.12	83.86	QZ 100%	M077121	ALS	90.00	93.00	3.00	44.97	0.3	54.02							
				M077122	ALS	93.00	96.00	3.00	82.89	0.39	16.5							
2	83.86	85.00	SR 90% CL 10% QZ +	M077123	ALS	96.00	99.00	3.00	94.41	0.25	4.7							
				M077124	ALS	99.00	102.00	3.00	94.38	0.69	3.11							
2	85.00	94.05	QZ 75% HS 25%	M077125	ALS	102.00	105.00	3.00	84.16	4.36	8.61							
				M077126	ALS	105.00	108.00	3.00	66.08	6.48	23.65							
2	94.05	104.95	QZ 100%	M077127	ALS	108.00	111.00	3.00	50.93	3.68	42.89							
				M077128	ALS	111.00	114.00	3.00	65.11	4.38	27.94							
2	104.95	105.78	QZ 80% CL 20%	M077129	ALS	114.00	117.00	3.00	67.96	0.92	30.23							
				M077130	ALS	117.00	120.00	3.00	72.46	6.72	15.81							
2	105.78	117.00	QZ 90% HS 5% SR CL	M077131	ALS	120.00	121.00	1.00	50.88	0.19	47.94							
				M077132														
3	107.85	108.51	HS 95%															
3	111.76	112.26	SR 80% QZ 20%															
3	112.26	112.98	QZ 100%															
2	117.00	121.00	11G.br QZ.br FK SR CL															

1254283

REÇU AU MRNF
12 MARS 2013
DIRECTION DES TITRES MINIERES

Pacific Arc Resources Ltd.

Project Seignelay	Collar Location Datum : UTM NAD83 Easting : 512740 Northing : 5790133 Altitude : 575 Mag. Declension : 22W	Grid Location Line : L4 Station : -1+08 Core size : NQ Left in hole : 81m Rod, 18m Casing	Orient. Tool GPS/Sylva	Depth 0.00	Azimet N270	Inclin. -46	Mag.	Temp.	Contractor FTE (Orbite Garant)	Date Start : 23 august 2012 Finish : 23 august 2012
Hole SEI-12-13									logged by Pierre-Alexandre Pelletier <i>Pierre Alexandre Pelletier</i>	on 26 august 2012

*Renard
Chamfray
ing.
OTC 125380*

Level	from	to	Description	Sample	Lab	from	to	length	SiO2 %	Al2O3 %	Fe2O3 %							
1	0.00	18.00	Overburden	M077131	ALS	21.00	24.00	3.00	43.9	0.09	55.92							
				M077132	ALS	24.00	27.00	3.00	46.11	1.27	51.33							
1	18.00	57.00	S9 QZ 75% HS 25%	M077133	ALS	27.00	30.00	3.00	47.13	0.43	51.84							
				M077134	ALS	30.00	33.00	3.00	56.64	0.24	42.66							
2	26.47	26.84	CL.v 90 % QZ 10% FK (GO)	M077135	ALS	33.00	36.00	3.00	73.58	14.17	0.76							
				M077136	ALS	36.00	39.00	3.00	59.39	0.43	39.82							
2	29.80	33.10	CL.v 90 % QZ 10% FK (GO) CNR	M077137	ALS	39.00	42.00	3.00	38.62	0.27	60.7							
				M077138	ALS	42.00	45.00	3.00	55.33	0.39	44.08							
2	36.00	36.15	QZ.v	M077139	ALS	45.00	48.00	3.00	81.18	1.36	14.48							
				M077140	ALS	48.00	51.00	3.00	82.76	1.68	14.3							
2	36.48	39.00	QZ lité 95% HS 5%	M077141	ALS	51.00	54.00	3.00	49.92	0.69	47.99							
				M077142	ALS	54.00	57.00	3.00	83.62	6.3	5.63							
2	40.12	40.70	QZ lité 95% HS 5%	M077143	ALS	57.00	60.00	3.00	50.22	0.45	48.81							
				M077144	ALS	60.00	63.00	3.00	80.78	0.29	18.6							
2	45.00	52.58	QZ.cgr 70% SR 25% GO 5% (HS)	M077145	ALS	63.00	66.00	3.00	94.7	0.62	3.99							
				M077146	ALS	66.00	69.00	3.00	69.62	4.74	22.49							
2	52.58	54.00	QZ.br GO.br	M077147	ALS	69.00	72.00	3.00	70.08	4.75	22.32							
				M077148	ALS	72.00	75.00	3.00	54.85	5.95	35.26							
2	54.00	57.00	QZ lité 100% TL CNR	M077149	ALS	75.00	78.00	3.00	74.7	13.86	0.59							
				M077150	ALS	0.00	21.00		74.82	3.55	18.62							
1	57.00	60.00	M1 SR 60% QZ 40% CNR	M077151	ALS	78.00	81.00	3.00	73.21	7.92	12.23							
				M077152	ALS	81.00	84.00	3.00	68.21	10.52	12.85							
1	60.00	121.12	QZ 90% HS 10%	M077153	ALS	84.00	87.00	3.00	83.39	2.3	12.75							
2	61.50	63.16	HS 80% QZ 20%															
2	63.16	64.65	QZ lité 95% HS 5%															
2	64.65	77.45	QZ lité 100%															
3	69.76	77.45	QZ CL 10% (HS)															
2	77.45	80.59	QZ 60% CL 20% SR 10% GO 5% FK 5% HS+															
2	80.59	82.62	QZ 90% CL 5% GO +++ (HS) alt HM															
2	82.62	121.12	QZ 60% CL.br 30% HS 5% IIG.v FK alt HM															

1254283

REÇU AU MRNF
17 Mars 2013
DIRECTION DES TITRES MINIERES

Appendix C

Hole	Sample	from m	to m	length m	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	Calculated			
					SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	Fe Total				
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
SEI-12	M077037	11,81	15,00	3,19	66,99	0,22	32,59	0,01	0,06	<0,01		0,01	<0,01	<0,01		0,01	0,022	<0,01	<0,01		0,16	100	22,79452147	
	M077038	15,00	18,00	3,00	68,92	0,13	30,9	0,01	0,06	<0,01		0,01	<0,01	<0,01		0,01	0,012	<0,01	<0,01		0,09	100,1	21,6124797	
	M077039	18,00	21,00	3,00	73,26	4,76	18,4	0,01	0,4	0,03	1,45	<0,01		0,24	<0,01		0,018	<0,01	0,21	0,86	99,64	12,8695672		
	M077040	21,00	24,00	3,00	77,1	0,23	22,34	0,01	0,05	<0,01	0,01	<0,01	<0,01	<0,01	<0,01		0,018	<0,01	<0,01		0,15	99,85	15,62533322	
	M077041	24,00	27,00	3,00	66,8	0,19	32,16	0,01	0,06	<0,01		0,01	<0,01	<0,01		0,01	0,048	<0,01	<0,01		0,64	99,9	22,49376528	
	M077042	27,00	30,00	3,00	53,5	0,16	45,61	<0,01	0,07	0,03	0,01	<0,01	<0,01	<0,01		0,01	0,018	<0,01	<0,01		0,14	99,5	31,90113913	
	M077043	30,00	33,00	3,00	59,59	0,45	39,15	<0,01	0,09	0,02	0,1	<0,01	<0,01	<0,01		0,01	0,016	<0,01	<0,01		0,1	99,5	27,38280195	
	M077044	33,00	36,00	3,00	54,69	0,29	44,5	0,23	0,1	0,03	0,02	<0,01	<0,01	<0,01		0,01	0,049	<0,01	<0,01		0,27	100,15	31,1247685	
	M077045	36,00	39,00	3,00	49,99	0,21	49,35	<0,01	0,08	0,04	0,01	<0,01	<0,01	<0,01		0,01	0,021	0,01	<0,01		0,16	99,84	34,51701855	
	M077046	39,00	42,00	3,00	53,24	0,21	46,29	<0,01	0,08	0,03	0,01	<0,01	<0,01	<0,01		0,02	0,018	<0,01	<0,01		0,16	100	32,37675357	
	M077047	42,00	45,00	3,00	55,37	0,1	43,97	<0,01	0,07	0,03	0,01	<0,01	<0,01	<0,01		0,01	0,016	0,01	<0,01		0,09	99,65	30,75406901	
	M077048	45,00	48,00	3,00	37,83	0,12	61,79	<0,01	0,09	0,07	0,01	<0,01	<0,01	<0,01		0,02	0,02	0,01	<0,01		0,16	100,05	43,21796507	
	M077049	48,00	51,00	3,00	40,85	0,15	57,91	<0,01	0,09	0,07	0,01	<0,01	<0,01	<0,01		0,03	0,056	0,01	<0,01		0,96	100,1	40,50416503	
	M077050	51,00	54,00	3,00	50,25	0,42	47,77	0,01	0,09	0,04	0,01	<0,01	<0,01	<0,01		0,05	0,11	<0,01	<0,01		1,45	100,15	33,41191441	
	M077061	54,00	57,00	3,00	43,01	0,29	56,44	<0,01	0,1	0,06	0,02	<0,01	<0,01	<0,01		0,02	0,017	0,01	<0,01		0,05	99,98	39,47599852	
	M077051	57,00	60,00	3,00	45,05	0,21	54,16	<0,01	0,09	0,05	0,01	<0,01	<0,01	<0,01		0,15	0,02	0,01	<0,01		0,19	99,94	37,88129128	
	M077052	60,00	63,00	3,00	52,75	0,24	45,9	<0,01	0,07	0,03	0,01	<0,01	<0,01	<0,01		0,01	0,014	0,01	<0,01		0,11	99,11	32,1039747	
	M077053	63,00	66,00	3,00	73,7	0,32	25,95	<0,01	0,06	<0,01	0,05	<0,01	<0,01	<0,01		0,016	<0,01	<0,01		0,1	100,15	18,15028635		
	M077054	66,00	69,00	3,00	92,86	0,3	6,22	<0,01	0,04	<0,01	0,05	<0,01	<0,01	<0,01		0,019	<0,01	<0,01		0,08	99,51	4,35047326		
	M077055	69,00	72,00	3,00	81,48	4,88	10,54	<0,01	0,24	0,03	1,52	<0,01	0,2	<0,01		0,024	<0,01	<0,01		0,73	99,63	7,37202382		
	M077056	72,00	75,00	3,00	67,9	5,01	24,35	<0,01	0,26	0,06	1,58	<0,01	0,24	<0,01		0,024	<0,01	<0,01		0,75	100,15	17,03119355		
	M077057	75,00	78,00	3,00	71,64	6,62	17,62	0,01	0,42	0,03	2,38	<0,01	0,25	<0,01		0,023	<0,01	0,01		1,08	100,1	12,32400946		
	M077058	78,00	81,00	3,00	79,35	6,94	8,38	0,01	0,59	0,01	3,02	<0,01	0,2	<0,01		0,016	<0,01	0,01		1,1	99,62	5,86124854		
	M077059	81,00	84,00	3,00	71,16	8,09	14,76	0,01	0,7	<0,01	3,07	<0,01	0,27	0,02		0,025	<0,01	0,01		1,56	99,67	10,32363108		
	M077060	BLANK			74,04	14,23	0,74	0,94	0,3	3,43	5,78	<0,01	<0,01	<0,01		0,021	0,03	0,06		0,51	100,05	0,51758042		
SEI-12	M077062	10,52	12,00	1,48	71,83	0,11	28,15	<0,01	0,06	<0,01	0,01	<0,01	<0,01	<0,01		0,012	<0,01	<0,01		0,05	100,2	19,68903895		
	M077063	12,00	15,00	3,00	64,05	0,13	35,74	<0,01	0,06	<0,01	0,01	<0,01	<0,01	<0,01		0,01	0,016	<0,01	<0,01		0,11	100,05	24,99773542	
	M077064	15,00	18,00	3,00	68,86	3,47	25,1	0,01	0,31	0,03	1,11	<0,01	0,11	0,01		0,033	<0,01	0,07		0,86	99,96	17,5557683		
	M077065	18,00	21,00	3,00	75,9	0,28	23,56	<0,01	0,05	<0,01	0,02	<0,01	<0,01	<0,01		0,01	0,025	<0,01	<0,01		0,44	100,2	16,47864148	
	M077066	21,00	24,00	3,00	61,91	0,19	37,38	<0,01	0,08	0,01	0,01	<0,01	<0,01	<0,01		0,01	0,014	<0,01	<0,01		0,1	99,67	26,14480554	
	M077067	24,00	27,00	3,00	53,48	0,14	45,86	0,02	0,07	0,04	<0,01	<0,01	<0,01	<0,01		0,01	0,01	<0,01	<0,01		0,03	99,62	32,07599738	
	M077068	27,00	30,00	3,00	51,3	0,29	47,74	0,02	0,11	0,04	0,02	<0,01	<0,01	<0,01		0,01	0,015	<0,01	<0,01		0,21	99,73	33,39093142	
	M077069	30,00	33,00	3,00	46,76	0,59	51,98	<0,01	0,11	0,05	0,07	<0,01	<0,01	<0,01		0,01	0,017	0,01	<0,01		0,21	99,78	36,35652734	
	M077070	33,00	36,00	3,00	52,24	0,32	46,96	<0,01	0,09	0,04	0,04	<0,01	<0,01	<0,01		0,01	0,017	0,01	<0,01		0,24	99,93	32,84537368	
	M077071	36,00	39,00	3,00	41,84	0,18	57,49	0,01	0,1	0,06	0,01	<0,01	<0,01	<0,01		0,02	0,014	0,01	<0,01		0,11	99,81	40,21040317	
	M077072	39,00	42,00	3,00	48,62	0,18	50,43	0,01	0,09	0,06	0,01	<0,01	<0,01	<0,01		0,05	0,031	0,01	<0,01		0,33	99,79	35,27240619	
	M077073	42,00	45,00	3,00	49,91	0,4	47,88	0,02	0,11	0,05	0,01	<0,01	<0,01	<0,01		0,21	0,086	0,01	<0,01		1,04	99,69	33,48885204	
	M077074	45,00	48,00	3,00	54,15	0,53	44,32	0,01	0,09	0,04	0,05	<0,01	<0,01	<0,01		0,03	0,045	0,01	<0,01		0,51	99,77	30,99887056	
	M077075	48,00	51,00	3,00	55,45	0,17	43,83	<0,01	0,07	0,04	0,01	<0,01	<0,01	<0,01		0,03	0,017	<0,01	<0,01		0,08	99,66	30,65614839	
	M077076	51,00	54,00	3,00	57,3	0,23	42,24	<0,01	0,08	0,02	0,02	<0,01	<0,01	<0,01		0,01	0,016	0,01	<0,01		0,07	99,96	29,54404992	
	M077077	54,00	57,00	3,00	72,54	0,51	26,71	0,01	0,08	<0,01	0,12	<0,01	<0,01	<0,01		0,01	0,026	<0,01	<0,01		0,14	100,1	18,68185543	

Hole	Sample	from m	to m	length m	ME-XRF06 SiO2 %	ME-XRF06 Al2O3 %	ME-XRF06 Fe2O3 %	ME-XRF06 CaO %	ME-XRF06 MgO %	ME-XRF06 Na2O %	ME-XRF06 K2O %	ME-XRF06 Cr2O3 %	ME-XRF06 TiO2 %	ME-XRF06 MnO %	ME-XRF06 P2O5 %	ME-XRF06 SrO %	ME-XRF06 BaO %	ME-XRF06 LOI %	ME-XRF06 Total %	Calculated Fe Total %
SEI-12	M077037	11,81	15,00	3,19	66,99	0,22	32,59	0,01	0,06	<0.01	0,01	<0.01	<0.01	0,01	0,022	<0.01	<0.01	0,16	100	22,79452147
	M077078	57,00	60,00	3,00	90,21	1,51	6,84	0,01	0,12	<0.01	0,45	<0.01	0,01	<0.01	0,018	<0.01	<0.01	0,25	99,39	4,78412172
	M077079	60,00	63,00	3,00	68,68	6,12	21,48	<0.01	0,29	0,05	1,96	<0.01	0,29	0,01	0,025	<0.01	<0.01	0,86	99,75	15,02382084
	M077080	63,00	66,00	3,00	65,66	5,88	24,69	<0.01	0,36	0,06	1,92	<0.01	0,25	0,01	0,027	<0.01	<0.01	0,84	99,69	17,26900077
	M077081	66,00	69,00	3,00	79,49	6,86	9,34	0,01	0,2	0,1	1,74	<0.01	0,31	<0.01	0,026	<0.01	<0.01	0,91	98,98	6,53270422
	M077082	69,00	72,00	3,00	73,76	6,28	15,41	<0.01	0,5	<0.01	2,15	<0.01	0,19	0,01	0,03	<0.01	0,01	1,29	99,61	10,77826253
	M077083	72,00	75,00	3,00	78,68	3,48	15,27	<0.01	0,29	<0.01	1,25	<0.01	0,07	0,01	0,02	<0.01	<0.01	0,74	99,79	10,68034191
	M077084	75,00	78,00	3,00	73,47	10,23	9	0,01	1,05	<0.01	3,75	<0.01	0,39	0,02	0,032	<0.01	0,01	1,9	99,87	6,294897
SEI-12	M077085	9,00	12,00	3,00	44,85	0,13	54,22	0,01	0,08	0,07	0,02	<0.01	<0.01	0,02	0,052	0,01	<0.01	0,52	99,96	37,92325726
	M077086	12,00	15,00	3,00	44,8	0,21	53,9	0,01	0,09	0,06	0,02	<0.01	<0.01	0,02	0,041	0,01	<0.01	0,51	99,63	37,6994387
	M077087	15,00	18,00	3,00	54,6	0,24	44,12	0,01	0,08	0,03	0,01	<0.01	<0.01	0,01	0,053	0,01	<0.01	0,56	99,69	30,85898396
	M077088	18,00	21,00	3,00	52,71	0,27	46,29	<0.01	0,08	0,04	0,01	0,02	<0.01	0,01	0,018	0,01	<0.01	0,13	99,55	32,37675357
	M077089	21,00	24,00	3,00	54,73	0,19	44,76	<0.01	0,08	0,05	0,01	<0.01	<0.01	0,01	0,017	<0.01	<0.01	0,13	99,94	31,30662108
	M077090	BLANK			73,87	13,19	2,93	1	0,19	3,64	4,56	<0.01	<0.01	<0.01	0,029	0,03	0,04	0,47	99,92	2,04933869
	M077091	24,00	27,00	3,00	66,03	0,63	32,62	<0.01	0,1	0,01	0,16	<0.01	<0.01	0,01	0,054	<0.01	<0.01	0,49	100,1	22,81550446
	M077092	27,00	30,00	3,00	95,85	0,43	3,27	<0.01	0,05	<0.01	0,1	<0.01	<0.01	<0.01	0,016	<0.01	<0.01	0,2	99,85	2,28714591
	M077093	30,00	33,00	3,00	82,44	3,32	12,11	<0.01	0,17	<0.01	1,01	<0.01	0,13	<0.01	0,02	<0.01	<0.01	0,6	99,77	8,47013363
	M077094	33,00	36,00	3,00	73,17	5,52	17,48	<0.01	0,25	0,04	1,71	<0.01	0,26	<0.01	0,022	<0.01	<0.01	0,9	99,33	12,22608884
	M077095	36,00	39,00	3,00	70,95	4,48	21,44	<0.01	0,23	0,03	1,43	<0.01	0,2	<0.01	0,042	<0.01	<0.01	1,09	99,88	14,99584352
	M077096	39,00	42,00	3,00	74,5	6,02	14,93	0,01	0,4	0,01	2,03	<0.01	0,19	0,01	0,027	<0.01	0,01	1,25	99,38	10,44253469
SEI-12	M077097	21,00	24,00	3,00	46,96	0,13	52,09	<0.01	0,08	0,06	0,02	<0.01	<0.01	0,03	0,047	<0.01	<0.01	0,5	99,9	36,43346497
	M077098	24,00	27,00	3,00	53,45	0,1	45,4	<0.01	0,08	0,04	0,01	<0.01	<0.01	0,03	0,037	0,01	<0.01	0,39	99,53	31,7542582
	M077099	27,00	30,00	3,00	55,12	0,11	43,81	<0.01	0,08	0,04	0,01	<0.01	<0.01	0,06	0,036	0,01	<0.01	0,39	99,64	30,64215973
	M077100	30,00	33,00	3,00	48,96	0,1	50,29	<0.01	0,08	0,05	0,01	<0.01	<0.01	0,01	0,022	0,01	<0.01	0,32	99,84	35,17448557
	M077101	33,00	36,00	3,00	41,78	0,07	57,8	<0.01	0,09	0,07	0,01	<0.01	<0.01	0,01	0,017	0,01	<0.01	0,1	99,94	40,4272274
	M077102	36,00	39,00	3,00	44,48	0,14	54,61	<0.01	0,09	0,07	0,01	<0.01	<0.01	0,01	0,04	0,01	<0.01	0,33	99,78	38,19603613
	M077103	39,00	42,00	3,00	50,73	0,36	47,73	0,01	0,08	0,05	0,01	<0.01	<0.01	0,07	0,052	0,01	<0.01	0,58	99,64	33,38393709
	M077104	42,00	45,00	3,00	46,24	0,61	52,45	<0.01	0,12	0,06	0,17	<0.01	<0.01	0,01	0,029	<0.01	<0.01	0,32	100	36,68526085
	M077105	45,00	48,00	3,00	64,53	3,97	28,82	<0.01	0,33	0,04	1,31	<0.01	0,14	0,01	0,023	<0.01	0,04	0,69	99,9	20,15765906
	M077106	48,00	51,00	3,00	61,89	0,17	37,38	<0.01	0,07	0,01	0,02	<0.01	<0.01	0,01	0,019	<0.01	<0.01	0,05	99,6	26,14480554
	M077107	51,00	54,00	3,00	43,88	0,31	54,81	<0.01	0,09	0,07	0,02	<0.01	<0.01	0,01	0,058	0,01	<0.01	0,46	99,69	38,33592273
	M077108	54,00	57,00	3,00	42,58	0,24	57,1	0,01	0,11	0,07	0,03	<0.01	<0.01	0,01	0,02	0,01	<0.01	0,03	100,2	39,9376243
	M077109	57,00	60,00	3,00	62,1	0,4	36,61	<0.01	0,07	0,01	0,03	<0.01	<0.01	0,01	0,044	<0.01	<0.01	0,32	99,55	25,60624213
	M077110	60,00	63,00	3,00	93,53	2,7	2,31	0,02	0,06	<0.01	0,23	<0.01	0,07	<0.01	0,071	<0.01	<0.01	1,02	99,99	1,61569023
	M077111	63,00	66,00	3,00	88,7	6,05	1,42	0,02	0,48	<0.01	2	<0.01	0,2	<0.01	0,04	<0.01	0,03	1,13	100,05	0,99319486
	M077112	66,00	69,00	3,00	85,15	7,29	1,77	0,04	0,58	<0.01	2,46	<0.01	0,25	<0.01	0,065	<0.01	0,04	1,29	98,92	1,23799641
	M077113	69,00	72,00	3,00	64,18	5,63	26,11	0,02	0,44	0,05	1,75	<0.01	0,22	0,01	0,041	<0.01	0,1	1,09	99,64	18,26219563
	M077114	72,00	75,00	3,00	58,24	1	39,76	0,01	0,13	0,13	0,24	<0.01	0,01	0,01	0,023	<0.01	0,03	0,23	99,82	27,80945608
	M077115	75,00	78,00	3,00	57,14	0,4	42,13	<0.01	0,1	0,03	0,05	<0.01	<0.01	0,01	0,013	<0.01	<0.01	0,08	99,93	29,46711229
	M077116	78,00	81,00	3,00	59,25	0,51	39,78	0,01	0,11	0,04	0,08	<0.01	<0.01	0,01	0,017	<0.01	0,01	0,14	99,93	27,82344474
	M077117	81,00	84,00	3,00	78,24	9,99	5,08	0,01	0,66	<0.01	2,8	<0.01	0,31	<0.01	0,038	<0.01	0,02	2,31	99,45	3,55311964

Hole	Sample	from m	to m	length m	ME-XRF06 SiO2 %	ME-XRF06 Al2O3 %	ME-XRF06 Fe2O3 %	ME-XRF06 CaO %	ME-XRF06 MgO %	ME-XRF06 Na2O %	ME-XRF06 K2O %	ME-XRF06 Cr2O3 %	ME-XRF06 TiO2 %	ME-XRF06 MnO %	ME-XRF06 P2O5 %	ME-XRF06 SrO %	ME-XRF06 BaO %	ME-XRF06 LOI %	ME-XRF06 Total %	ME-XRF06 Calculated Fe Total %
SEI-12	M077037	11,81	15,00	3,19	66,99	0,22	32,59	0,01	0,06	<0.01	0,01	<0.01	<0.01	0,01	0,022	<0.01	<0.01	0,16	100	22,79452147
	M077118	84,00	87,00	3,00	91,12	1,29	6,53	<0.01	0,11	<0.01	0,41	<0.01	<0.01	<0.01	0,021	<0.01	<0.01	0,3	99,76	4,56729749
	M077119	87,00	90,00	3,00	59,15	0,77	39,18	<0.01	0,11	0,03	0,17	<0.01	<0.01	0,01	0,034	0,01	<0.01	0,2	99,65	27,40378494
	M077120	BLANK	93,00		74,59	14,19	0,64	1,02	0,23	3,68	5,09	<0.01	<0.01	<0.01	0,023	0,03	0,05	0,57	100,1	0,44763712
	M077121	90,00	93,00	3,00	44,97	0,3	54,02	<0.01	0,09	0,07	0,03	0,02	<0.01	0,02	0,026	0,01	<0.01	0,16	99,67	37,78337066
	M077122	93,00	96,00	3,00	82,89	0,39	16,5	<0.01	0,06	<0.01	0,08	<0.01	<0.01	<0.01	0,017	<0.01	<0.01	0,17	100,05	11,5406445
	M077123	96,00	99,00	3,00	94,41	0,25	4,7	<0.01	0,04	<0.01	0,05	<0.01	<0.01	<0.01	0,013	<0.01	<0.01	0,04	99,44	3,2873351
	M077124	99,00	102,00	3,00	94,38	0,69	3,11	0,01	0,07	<0.01	0,18	<0.01	<0.01	<0.01	0,013	<0.01	<0.01	0,12	98,54	2,17523663
	M077125	102,00	105,00	3,00	84,16	4,36	8,61	<0.01	0,23	0,01	1,35	<0.01	0,18	<0.01	0,022	<0.01	<0.01	0,64	99,54	6,02211813
	M077126	105,00	108,00	3,00	66,08	6,48	23,65	<0.01	0,32	0,09	2,03	<0.01	0,32	0,01	0,026	<0.01	<0.01	0,94	99,93	16,54159045
	M077127	108,00	111,00	3,00	50,93	3,68	42,89	<0.01	0,24	0,1	1,15	<0.01	0,17	0,01	0,034	0,01	<0.01	0,58	99,79	29,99868137
	M077128	111,00	114,00	3,00	65,11	4,38	27,94	0,02	0,22	0,04	1,48	<0.01	0,21	0,01	0,03	<0.01	<0.01	0,72	100,15	19,54215802
	M077129	114,00	117,00	3,00	67,96	0,92	30,23	<0.01	0,11	0,01	0,26	<0.01	<0.01	0,03	0,054	<0.01	<0.01	0,55	100,1	21,14385959
	M077130	117,00	120,00	3,00	72,46	6,72	15,81	0,01	0,58	0,02	2,76	<0.01	0,25	0,02	0,037	<0.01	0,02	1,22	99,9	11,05803573
	M077154	120,00	121,00	1,00	50,88	0,19	47,94	0,02	0,1	0,08	0,03	<0.01	<0.01	0,02	0,03	0,01	<0.01	0,35	99,62	33,53081802
SEI-12	M077131	21,00	24,00	3,00	43,9	0,09	55,92	<0.01	0,08	0,08	0,01	<0.01	<0.01	0,01	0,018	0,01	<0.01	0,09	100,2	39,11229336
	M077132	24,00	27,00	3,00	46,11	1,27	51,33	<0.01	0,16	0,06	0,35	<0.01	0,01	0,01	0,045	0,01	0,08	0,48	99,91	35,90189589
	M077133	27,00	30,00	3,00	47,13	0,43	51,84	<0.01	0,11	0,05	0,12	<0.01	<0.01	0,01	0,015	0,01	<0.01	0,09	99,78	36,25860672
	M077134	30,00	33,00	3,00	56,64	0,24	42,66	<0.01	0,08	0,03	0,05	<0.01	<0.01	0,01	0,016	<0.01	<0.01	0,07	99,75	29,83781178
	M077135	33,00	36,00	3,00	73,58	14,17	0,76	0,98	0,24	3,52	5,49	<0.01	<0.01	<0.01	0,02	0,03	0,06	0,47	99,29	0,53156908
	M077136	36,00	39,00	3,00	59,39	0,43	39,82	<0.01	0,09	0,02	0,07	<0.01	<0.01	0,01	0,017	<0.01	<0.01	0,09	99,92	27,85142206
	M077137	39,00	42,00	3,00	38,62	0,27	60,7	<0.01	0,11	0,09	0,02	<0.01	<0.01	0,02	0,011	0,01	<0.01	0,06	99,89	42,4555831
	M077138	42,00	45,00	3,00	55,33	0,39	44,08	<0.01	0,09	0,03	0,05	<0.01	<0.01	0,01	0,026	0,01	<0.01	0,13	100,1	30,83100664
	M077139	45,00	48,00	3,00	81,18	1,36	14,48	0,01	0,07	<0.01	0,21	<0.01	0,02	0,01	0,072	<0.01	<0.01	2,14	99,53	10,12778984
	M077140	48,00	51,00	3,00	82,76	1,68	14,3	0,01	0,14	<0.01	0,45	<0.01	0,02	<0.01	0,024	<0.01	0,04	0,37	99,79	10,0018919
	M077141	51,00	54,00	3,00	49,92	0,69	47,99	<0.01	0,12	0,05	0,16	<0.01	<0.01	0,02	0,106	0,01	0,01	0,96	100	33,56578967
	M077142	54,00	57,00	3,00	83,62	6,3	5,63	0,02	0,52	<0.01	2	<0.01	0,17	<0.01	0,034	<0.01	0,02	1,23	99,51	3,93780779
	M077143	57,00	60,00	3,00	50,22	0,45	48,81	0,01	0,1	0,06	0,06	<0.01	<0.01	0,01	0,038	0,01	<0.01	0,21	99,94	34,13932473
	M077144	60,00	63,00	3,00	80,78	0,29	18,6	0,01	0,05	<0.01	0,05	<0.01	<0.01	<0.01	0,019	<0.01	<0.01	0,09	99,84	13,0094538
	M077145	63,00	66,00	3,00	94,7	0,62	3,99	<0.01	0,06	<0.01	0,15	<0.01	<0.01	<0.01	0,013	<0.01	<0.01	0,08	99,56	2,79073767
	M077146	66,00	69,00	3,00	69,62	4,74	22,49	0,01	0,24	0,05	1,5	<0.01	0,19	0,01	0,021	<0.01	<0.01	0,69	99,54	15,73024817
	M077147	69,00	72,00	3,00	70,08	4,75	22,32	<0.01	0,24	0,05	1,5	<0.01	0,19	<0.01	0,025	<0.01	<0.01	0,69	99,83	15,61134456
	M077148	72,00	75,00	3,00	54,85	5,95	35,26	<0.01	0,39	0,08	2,01	<0.01	0,23	0,01	0,032	0,01	<0.01	0,96	99,77	24,66200758
	M077149	75,00	78,00	3,00	74,7	13,86	0,59	1,01	0,2	3,82	4,83	<0.01	<0.01	<0.01	0,029	0,03	0,04	0,54	99,62	0,41266547
	M077150	0,00	21,00		74,82	3,55	18,62	<0.01	0,34	<0.01	1,34	<0.01	0,07	0,03	0,055	<0.01	0,01	0,94	99,76	13,02344246
	M077151	78,00	81,00	3,00	73,21	7,92	12,23	0,02	0,94	0,03	3,36	<0.01	0,26	0,01	0,031	<0.01	0,02	1,38	99,42	8,55406559
	M077152	81,00	84,00	3,00	68,21	10,52	12,85	0,01	0,96	0,07	4,54	<0.01	0,43	0,02	0,036	0,01	0,03	1,65	99,32	8,98771405
	M077153	84,00	87,00	3,00	83,39	2,3	12,75	<0.01	0,19	<0.01	0,72	<0.01	<0.01	0,01	0,023	<0.01	<0.01	0,65	100	8,91777075

Appendix D



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
1518-1030 WEST GEORGIA STREET
VANCOUVER BC V6E 2Y3

Page: 1
Finalized Date: 17-SEP-2012
This copy reported on
19-SEP-2012
Account: PACARC

CERTIFICATE VO12205320

Project: SEIGNELAY

P.O. No.:

This report is for 119 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 31-AUG-2012.

The following have access to data associated with this certificate:

NORMAND CHAMPIGNY
PIERRE-ALEXANDRE PELLETIER

SONNY CHEW

HARRY CHEW

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
CRU-21	Crush entire sample >70% -6 mm
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

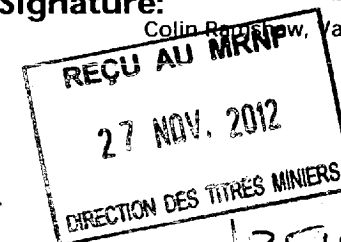
ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

To: PACIFIC ARC RESOURCES LTD.
ATTN: SONNY CHEW
1518-1030 WEST GEORGIA STREET
VANCOUVER BC V6E 2Y3

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin R. [Signature], Vancouver Laboratory Manager



1254283



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
 1518-1030 WEST GEORGIA STREET
 VANCOUVER BC V6E 2Y3

Page: 2 - A
 Total # Pages: 4 (A - B)
 Finalized Date: 17-SEP-2012
 Account: PACARC

Project: SEIGNELAY

CERTIFICATE OF ANALYSIS VO12205320

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
M077030		2.83	74.36	13.81	0.55	1.00	0.25	3.40	5.33	<0.01	<0.01	<0.01	0.018	0.03	0.07	0.49
M077037		5.63	66.99	0.22	32.59	0.01	0.06	<0.01	0.01	<0.01	<0.01	0.01	0.022	<0.01	<0.01	0.16
M077038		5.91	68.92	0.13	30.90	0.01	0.06	<0.01	0.01	<0.01	<0.01	0.01	0.012	<0.01	<0.01	0.09
M077039		5.51	73.26	4.76	18.40	0.01	0.40	0.03	1.45	<0.01	0.24	<0.01	0.018	<0.01	0.21	0.86
M077040		6.02	77.10	0.23	22.34	0.01	0.05	<0.01	0.01	<0.01	<0.01	<0.01	0.018	<0.01	<0.01	0.15
M077041		5.88	66.80	0.19	32.16	0.01	0.06	<0.01	0.01	<0.01	<0.01	0.01	0.048	<0.01	<0.01	0.64
M077042		7.61	53.50	0.16	45.61	<0.01	0.07	0.03	0.01	<0.01	<0.01	0.01	0.018	<0.01	<0.01	0.14
M077043		7.32	59.59	0.45	39.15	<0.01	0.09	0.02	0.10	<0.01	<0.01	0.01	0.016	<0.01	<0.01	0.10
M077044		6.32	54.69	0.29	44.50	0.23	0.10	0.03	0.02	<0.01	<0.01	0.01	0.049	<0.01	<0.01	0.27
M077045		6.23	49.99	0.21	49.35	<0.01	0.08	0.04	0.01	<0.01	<0.01	0.01	0.021	0.01	<0.01	0.16
M077046		7.86	53.24	0.21	46.29	<0.01	0.08	0.03	0.01	<0.01	<0.01	0.02	0.018	<0.01	<0.01	0.16
M077047		5.32	55.37	0.10	43.97	<0.01	0.07	0.03	0.01	<0.01	<0.01	0.01	0.016	0.01	<0.01	0.09
M077048		7.44	37.83	0.12	61.79	<0.01	0.09	0.07	0.01	<0.01	<0.01	0.02	0.020	0.01	<0.01	0.16
M077049		4.69	40.85	0.15	57.91	<0.01	0.09	0.07	0.01	<0.01	<0.01	0.03	0.056	0.01	<0.01	0.96
M077050		4.85	50.25	0.42	47.77	0.01	0.09	0.04	0.01	<0.01	<0.01	0.05	0.110	<0.01	<0.01	1.45
M077051		7.64	45.05	0.21	54.16	<0.01	0.09	0.05	0.01	<0.01	<0.01	0.15	0.020	0.01	<0.01	0.19
M077052		7.70	52.75	0.24	45.90	<0.01	0.07	0.03	0.01	<0.01	<0.01	0.01	0.014	0.01	<0.01	0.11
M077053		7.13	73.70	0.32	25.95	<0.01	0.06	<0.01	0.05	<0.01	<0.01	<0.01	0.016	<0.01	<0.01	0.10
M077054		6.50	92.86	0.30	6.22	<0.01	0.04	<0.01	0.05	<0.01	<0.01	<0.01	0.019	<0.01	<0.01	0.08
M077055		7.16	81.48	4.88	10.54	<0.01	0.24	0.03	1.52	<0.01	0.20	<0.01	0.024	<0.01	<0.01	0.73
M077056		7.11	67.90	5.01	24.35	<0.01	0.26	0.06	1.58	<0.01	0.24	<0.01	0.024	<0.01	<0.01	0.75
M077057		6.46	71.64	6.62	17.62	0.01	0.42	0.03	2.38	<0.01	0.25	<0.01	0.023	<0.01	0.01	1.08
M077058		5.88	79.35	6.94	8.38	0.01	0.59	0.01	3.02	<0.01	0.20	<0.01	0.016	<0.01	0.01	1.10
M077059		6.33	71.16	8.09	14.76	0.01	0.70	<0.01	3.07	<0.01	0.27	0.02	0.025	<0.01	0.01	1.56
M077060		2.72	74.04	14.23	0.74	0.94	0.30	3.43	5.78	<0.01	<0.01	<0.01	0.021	0.03	0.06	0.51
M077061		8.25	43.01	0.29	56.44	<0.01	0.10	0.06	0.02	<0.01	<0.01	0.02	0.017	0.01	<0.01	0.05
M077062		2.31	71.83	0.11	28.15	<0.01	0.06	<0.01	0.01	<0.01	<0.01	<0.01	0.012	<0.01	<0.01	0.05
M077063		5.47	64.05	0.13	35.74	<0.01	0.06	<0.01	0.01	<0.01	<0.01	0.01	0.016	<0.01	<0.01	0.11
M077064		5.54	68.86	3.47	25.10	0.01	0.31	0.03	1.11	<0.01	0.11	0.01	0.033	<0.01	0.07	0.86
M077065		5.15	75.90	0.28	23.56	<0.01	0.05	<0.01	0.02	<0.01	<0.01	0.01	0.025	<0.01	<0.01	0.44
M077066		4.48	61.91	0.19	37.38	<0.01	0.08	0.01	0.01	<0.01	<0.01	0.01	0.014	<0.01	<0.01	0.10
M077067		5.74	53.48	0.14	45.86	0.02	0.07	0.04	<0.01	<0.01	<0.01	0.01	0.010	<0.01	<0.01	0.03
M077068		5.79	51.30	0.29	47.74	0.02	0.11	0.04	0.02	<0.01	<0.01	0.01	0.015	<0.01	<0.01	0.21
M077069		8.02	46.76	0.59	51.98	<0.01	0.11	0.05	0.07	<0.01	<0.01	0.01	0.017	0.01	<0.01	0.21
M077070		7.92	52.24	0.32	46.96	<0.01	0.09	0.04	0.04	<0.01	<0.01	0.01	0.017	0.01	<0.01	0.24
M077071		8.34	41.84	0.18	57.49	0.01	0.10	0.06	0.01	<0.01	<0.01	0.02	0.014	0.01	<0.01	0.11
M077072		7.71	48.62	0.18	50.43	0.01	0.09	0.06	0.01	<0.01	<0.01	0.05	0.031	0.01	<0.01	0.33
M077073		6.93	49.91	0.40	47.88	0.02	0.11	0.05	0.01	<0.01	<0.01	0.21	0.086	0.01	<0.01	1.04
M077074		7.35	54.15	0.53	44.32	0.01	0.09	0.04	0.05	<0.01	<0.01	0.03	0.045	0.01	<0.01	0.51
M077075		7.79	55.45	0.17	43.83	<0.01	0.07	0.04	0.01	<0.01	<0.01	0.03	0.017	<0.01	<0.01	0.08



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
 1518-1030 WEST GEORGIA STREET
 VANCOUVER BC V6E 2Y3

Page: 2 - B
 Total # Pages: 4 (A - B)
 Finalized Date: 17-SEP-2012
 Account: PACARC

Project: SEIGNELAY

CERTIFICATE OF ANALYSIS VO12205320

Sample Description	Method Analyte Units LOR	ME - XRF06 Total %
		0.01
M077030		99.28
M077037		100.00
M077038		100.10
M077039		99.64
M077040		99.85
M077041		99.90
M077042		99.50
M077043		99.50
M077044		100.15
M077045		99.84
M077046		100.00
M077047		99.65
M077048		100.05
M077049		100.10
M077050		100.15
M077051		99.94
M077052		99.11
M077053		100.15
M077054		99.51
M077055		99.63
M077056		100.15
M077057		100.10
M077058		99.62
M077059		99.67
M077060		100.05
M077061		99.98
M077062		100.20
M077063		100.05
M077064		99.96
M077065		100.20
M077066		99.67
M077067		99.62
M077068		99.73
M077069		99.78
M077070		99.93
M077071		99.81
M077072		99.79
M077073		99.69
M077074		99.77
M077075		99.66



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
 1518-1030 WEST GEORGIA STREET
 VANCOUVER BC V6E 2Y3

Page: 3 - A
 Total # Pages: 4 (A - B)
 Finalized Date: 17-SEP-2012
 Account: PACARC

Project: SEIGNELAY

CERTIFICATE OF ANALYSIS VO12205320

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
M077076		8.04	57.30	0.23	42.24	<0.01	0.08	0.02	0.02	<0.01	<0.01	0.01	0.016	0.01	<0.01	0.07
M077077		6.68	72.54	0.51	26.71	0.01	0.08	<0.01	0.12	<0.01	<0.01	0.01	0.026	<0.01	<0.01	0.14
M077078		6.05	90.21	1.51	6.84	0.01	0.12	<0.01	0.45	<0.01	0.01	<0.01	0.018	<0.01	<0.01	0.25
M077079		7.35	68.68	6.12	21.48	<0.01	0.29	0.05	1.96	<0.01	0.29	0.01	0.025	<0.01	<0.01	0.86
M077080		8.06	65.66	5.88	24.69	<0.01	0.36	0.06	1.92	<0.01	0.25	0.01	0.027	<0.01	<0.01	0.84
M077081		7.08	79.49	6.86	9.34	0.01	0.20	0.10	1.74	<0.01	0.31	<0.01	0.026	<0.01	<0.01	0.91
M077082		7.14	73.76	6.28	15.41	<0.01	0.50	<0.01	2.15	<0.01	0.19	0.01	0.030	<0.01	0.01	1.29
M077083		7.17	78.68	3.48	15.27	<0.01	0.29	<0.01	1.25	<0.01	0.07	0.01	0.020	<0.01	<0.01	0.74
M077084		6.01	73.47	10.23	9.00	0.01	1.05	<0.01	3.75	<0.01	0.39	0.02	0.032	<0.01	0.01	1.90
M077085		4.57	44.85	0.13	54.22	0.01	0.08	0.07	0.02	<0.01	<0.01	0.02	0.052	0.01	<0.01	0.52
M077086		6.69	44.80	0.21	53.90	0.01	0.09	0.06	0.02	<0.01	<0.01	0.02	0.041	0.01	<0.01	0.51
M077087		6.96	54.60	0.24	44.12	0.01	0.08	0.03	0.01	<0.01	<0.01	0.01	0.053	0.01	<0.01	0.56
M077088		8.14	52.71	0.27	46.29	<0.01	0.08	0.04	0.01	0.02	<0.01	0.01	0.018	0.01	<0.01	0.13
M077089		8.26	54.73	0.19	44.76	<0.01	0.08	0.05	0.01	<0.01	<0.01	0.01	0.017	<0.01	<0.01	0.13
M077090		2.54	73.87	13.19	2.93	1.00	0.19	3.64	4.56	<0.01	<0.01	<0.01	0.029	0.03	0.04	0.47
M077091		7.52	66.03	0.63	32.62	<0.01	0.10	0.01	0.16	<0.01	<0.01	0.01	0.054	<0.01	<0.01	0.49
M077092		5.23	95.85	0.43	3.27	<0.01	0.05	<0.01	0.10	<0.01	<0.01	<0.01	0.016	<0.01	<0.01	0.20
M077093		4.66	82.44	3.32	12.11	<0.01	0.17	<0.01	1.01	<0.01	0.13	<0.01	0.020	<0.01	<0.01	0.60
M077094		7.19	73.17	5.52	17.48	<0.01	0.25	0.04	1.71	<0.01	0.26	<0.01	0.022	<0.01	<0.01	0.90
M077095		7.15	70.95	4.48	21.44	<0.01	0.23	0.03	1.43	<0.01	0.20	<0.01	0.042	<0.01	<0.01	1.09
M077096		7.04	74.50	6.02	14.93	0.01	0.40	0.01	2.03	<0.01	0.19	0.01	0.027	<0.01	0.01	1.25
M077097		6.54	46.96	0.13	52.09	<0.01	0.08	0.06	0.02	<0.01	<0.01	0.03	0.047	<0.01	<0.01	0.50
M077098		3.29	53.45	0.10	45.40	<0.01	0.08	0.04	0.01	<0.01	<0.01	0.03	0.037	0.01	<0.01	0.39
M077099		1.84	55.12	0.11	43.81	<0.01	0.08	0.04	0.01	<0.01	<0.01	0.06	0.036	0.01	<0.01	0.39
M077100		6.42	48.96	0.10	50.29	<0.01	0.08	0.05	0.01	<0.01	<0.01	0.01	0.022	0.01	<0.01	0.32
M077101		8.37	41.78	0.07	57.80	<0.01	0.09	0.07	0.01	<0.01	<0.01	0.01	0.017	0.01	<0.01	0.10
M077102		5.03	44.48	0.14	54.61	<0.01	0.09	0.07	0.01	<0.01	<0.01	0.01	0.040	0.01	<0.01	0.33
M077103		6.96	50.73	0.36	47.73	0.01	0.08	0.05	0.01	<0.01	<0.01	0.07	0.052	0.01	<0.01	0.58
M077104		4.30	46.24	0.61	52.45	<0.01	0.12	0.06	0.17	<0.01	<0.01	0.01	0.029	<0.01	<0.01	0.32
M077105		6.66	64.53	3.97	28.82	<0.01	0.33	0.04	1.31	<0.01	0.14	0.01	0.023	<0.01	0.04	0.69
M077106		1.80	61.89	0.17	37.38	<0.01	0.07	0.01	0.02	<0.01	<0.01	0.01	0.019	<0.01	<0.01	0.05
M077107		6.18	43.88	0.31	54.81	<0.01	0.09	0.07	0.02	<0.01	<0.01	0.01	0.058	0.01	<0.01	0.46
M077108		9.46	42.58	0.24	57.10	0.01	0.11	0.07	0.03	<0.01	<0.01	0.01	0.020	0.01	<0.01	0.03
M077109		5.57	62.10	0.40	36.61	<0.01	0.07	0.01	0.03	<0.01	<0.01	0.01	0.044	<0.01	<0.01	0.32
M077110		3.38	93.53	2.70	2.31	0.02	0.06	<0.01	0.23	<0.01	0.07	<0.01	0.071	<0.01	<0.01	1.02
M077111		5.00	88.70	6.05	1.42	0.02	0.48	<0.01	2.00	<0.01	0.20	<0.01	0.040	<0.01	0.03	1.13
M077112		6.28	85.15	7.29	1.77	0.04	0.58	<0.01	2.46	<0.01	0.25	<0.01	0.065	<0.01	0.04	1.29
M077113		6.26	64.18	5.63	26.11	0.02	0.44	0.05	1.75	<0.01	0.22	0.01	0.041	<0.01	0.10	1.09
M077114		7.35	58.24	1.00	39.76	0.01	0.13	0.13	0.24	<0.01	0.01	0.01	0.023	<0.01	0.03	0.23
M077115		7.41	57.14	0.40	42.13	<0.01	0.10	0.03	0.05	<0.01	<0.01	0.01	0.013	<0.01	<0.01	0.08



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
 1518-1030 WEST GEORGIA STREET
 VANCOUVER BC V6E 2Y3

Page: 3 - B
 Total # Pages: 4 (A - B)
 Finalized Date: 17-SEP-2012
 Account: PACARC

Project: SEIGNELAY

CERTIFICATE OF ANALYSIS VO12205320

Sample Description	Method Analyte Units LOR	ME-XRF06 Total %
		0.01
MO77076		99.96
MO77077		100.10
MO77078		99.39
MO77079		99.75
MO77080		99.69
MO77081		98.98
MO77082		99.61
MO77083		99.79
MO77084		99.87
MO77085		99.96
MO77086		99.63
MO77087		99.69
MO77088		99.55
MO77089		99.94
MO77090		99.92
MO77091		100.10
MO77092		99.85
MO77093		99.77
MO77094		99.33
MO77095		99.88
MO77096		99.38
MO77097		99.90
MO77098		99.53
MO77099		99.64
MO77100		99.84
MO77101		99.94
MO77102		99.78
MO77103		99.64
MO77104		100.00
MO77105		99.90
MO77106		99.60
MO77107		99.69
MO77108		100.20
MO77109		99.55
MO77110		99.99
MO77111		100.05
MO77112		98.92
MO77113		99.64
MO77114		99.82
MO77115		99.93



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
 1518-1030 WEST GEORGIA STREET
 VANCOUVER BC V6E 2Y3

Page: 4 - A
 Total # Pages: 4 (A - B)
 Finalized Date: 17-SEP-2012
 Account: PACARC

Project: SEIGNELAY

CERTIFICATE OF ANALYSIS VO12205320

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01
M077116		7.33	59.25	0.51	39.78	0.01	0.11	0.04	0.08	<0.01	<0.01	0.01	0.017	<0.01	0.01	0.14
M077117		4.86	78.24	9.99	5.08	0.01	0.66	<0.01	2.80	<0.01	0.31	<0.01	0.038	<0.01	0.02	2.31
M077118		5.23	91.12	1.29	6.53	<0.01	0.11	<0.01	0.41	<0.01	<0.01	<0.01	0.021	<0.01	<0.01	0.30
M077119		8.40	59.15	0.77	39.18	<0.01	0.11	0.03	0.17	<0.01	<0.01	0.01	0.034	0.01	<0.01	0.20
M077120		3.43	74.59	14.19	0.64	1.02	0.23	3.68	5.09	<0.01	<0.01	<0.01	0.023	0.03	0.05	0.57
M077121		8.53	44.97	0.30	54.02	<0.01	0.09	0.07	0.03	0.02	<0.01	0.02	0.026	0.01	<0.01	0.16
M077122		6.49	82.89	0.39	16.50	<0.01	0.06	<0.01	0.08	<0.01	<0.01	<0.01	0.017	<0.01	<0.01	0.17
M077123		6.93	94.41	0.25	4.70	<0.01	0.04	<0.01	0.05	<0.01	<0.01	<0.01	0.013	<0.01	<0.01	0.04
M077124		5.83	94.38	0.69	3.11	0.01	0.07	<0.01	0.18	<0.01	<0.01	<0.01	0.013	<0.01	<0.01	0.12
M077125		7.89	84.16	4.36	8.61	<0.01	0.23	0.01	1.35	<0.01	0.18	<0.01	0.022	<0.01	<0.01	0.64
M077126		5.29	66.08	6.48	23.65	<0.01	0.32	0.09	2.03	<0.01	0.32	0.01	0.026	<0.01	<0.01	0.94
M077127		8.70	50.93	3.68	42.89	<0.01	0.24	0.10	1.15	<0.01	0.17	0.01	0.034	0.01	<0.01	0.58
M077128		6.33	65.11	4.38	27.94	0.02	0.22	0.04	1.48	<0.01	0.21	0.01	0.030	<0.01	<0.01	0.72
M077129		7.06	67.96	0.92	30.23	<0.01	0.11	0.01	0.26	<0.01	<0.01	0.03	0.054	<0.01	<0.01	0.55
M077130		6.87	72.46	6.72	15.81	0.01	0.58	0.02	2.76	<0.01	0.25	0.02	0.037	<0.01	0.02	1.22
M077131		5.61	50.88	0.19	47.94	0.02	0.10	0.08	0.03	<0.01	<0.01	0.02	0.030	0.01	<0.01	0.35
M077132		5.23	43.90	0.09	55.92	<0.01	0.08	0.08	0.01	<0.01	<0.01	0.01	0.018	0.01	<0.01	0.09
M077133		4.52	46.11	1.27	51.33	<0.01	0.16	0.06	0.35	<0.01	0.01	0.01	0.045	0.01	0.08	0.48
M077134		5.54	47.13	0.43	51.84	<0.01	0.11	0.05	0.12	<0.01	<0.01	0.01	0.015	0.01	<0.01	0.09
M077135		6.37	56.64	0.24	42.66	<0.01	0.08	0.03	0.05	<0.01	<0.01	0.01	0.016	<0.01	<0.01	0.07
M077136		1.57	73.58	14.17	0.76	0.98	0.24	3.52	5.49	<0.01	<0.01	<0.01	0.020	0.03	0.06	0.47
M077137		5.49	59.39	0.43	39.82	<0.01	0.09	0.02	0.07	<0.01	<0.01	0.01	0.017	<0.01	<0.01	0.09
M077138		8.34	38.62	0.27	60.70	<0.01	0.11	0.09	0.02	<0.01	<0.01	0.02	0.011	0.01	<0.01	0.06
M077139		3.78	55.33	0.39	44.08	<0.01	0.09	0.03	0.05	<0.01	<0.01	0.01	0.026	0.01	<0.01	0.13
M077140		1.58	81.18	1.36	14.48	0.01	0.07	<0.01	0.21	<0.01	0.02	0.01	0.072	<0.01	<0.01	2.14
M077141		1.68	82.76	1.68	14.30	0.01	0.14	<0.01	0.45	<0.01	0.02	<0.01	0.024	<0.01	0.04	0.37
M077142		4.14	49.92	0.69	47.99	<0.01	0.12	0.05	0.16	<0.01	<0.01	0.02	0.106	0.01	0.01	0.96
M077143		4.33	83.62	6.30	5.63	0.02	0.52	<0.01	2.00	<0.01	0.17	<0.01	0.034	<0.01	0.02	1.23
M077144		3.57	50.22	0.45	48.81	0.01	0.10	0.06	0.06	<0.01	<0.01	0.01	0.038	0.01	<0.01	0.21
M077145		5.97	80.78	0.29	18.60	0.01	0.05	<0.01	0.05	<0.01	<0.01	<0.01	0.019	<0.01	<0.01	0.09
M077146		5.84	94.70	0.62	3.99	<0.01	0.06	<0.01	0.15	<0.01	<0.01	<0.01	0.013	<0.01	<0.01	0.08
M077147		7.71	69.62	4.74	22.49	0.01	0.24	0.05	1.50	<0.01	0.19	0.01	0.021	<0.01	<0.01	0.69
M077148		7.51	70.08	4.75	22.32	<0.01	0.24	0.05	1.50	<0.01	0.19	<0.01	0.025	<0.01	<0.01	0.69
M077149		8.36	54.85	5.95	35.26	<0.01	0.39	0.08	2.01	<0.01	0.23	0.01	0.032	0.01	<0.01	0.96
M077150		3.15	74.70	13.86	0.59	1.01	0.20	3.82	4.83	<0.01	<0.01	<0.01	0.029	0.03	0.04	0.54
M077151		5.03	74.82	3.55	18.62	<0.01	0.34	<0.01	1.34	<0.01	0.07	0.03	0.055	<0.01	0.01	0.94
M077152		6.56	73.21	7.92	12.23	0.02	0.94	0.03	3.36	<0.01	0.26	0.01	0.031	<0.01	0.02	1.38
M077153		6.29	68.21	10.52	12.85	0.01	0.96	0.07	4.54	<0.01	0.43	0.02	0.036	0.01	0.03	1.65
M077154		2.39	83.39	2.30	12.75	<0.01	0.19	<0.01	0.72	<0.01	<0.01	0.01	0.023	<0.01	<0.01	0.65



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: PACIFIC ARC RESOURCES LTD.
 1518-1030 WEST GEORGIA STREET
 VANCOUVER BC V6E 2Y3

Page: 4 - B
 Total # Pages: 4 (A - B)
 Finalized Date: 17-SEP-2012
 Account: PACARC

Project: SEIGNELAY

CERTIFICATE OF ANALYSIS VO12205320

Sample Description	Method Analyte Units LOR	ME-XRF06 Total %
		0.01
MO77116		99.93
MO77117		99.45
MO77118		99.76
MO77119		99.65
MO77120		100.10
MO77121		99.67
MO77122		100.05
MO77123		99.44
MO77124		98.54
MO77125		99.54
MO77126		99.93
MO77127		99.79
MO77128		100.15
MO77129		100.10
MO77130		99.90
MO77131		99.62
MO77132		100.20
MO77133		99.91
MO77134		99.78
MO77135		99.75
MO77136		99.29
MO77137		99.92
MO77138		99.89
MO77139		100.10
MO77140		99.53
MO77141		99.79
MO77142		100.00
MO77143		99.51
MO77144		99.94
MO77145		99.84
MO77146		99.56
MO77147		99.54
MO77148		99.83
MO77149		99.77
MO77150		99.62
MO77151		99.76
MO77152		99.42
MO77153		99.32
MO77154		100.00

Appendix D

V2205320 - Finalized

CLIENT : PACARC - Pacific Arc Resources Ltd.

of SAMPLES : 119

DATE RECEIVED : 2012-08-31 DATE FINALIZED : 2012-09-17

PROJECT : SEIGNELAY

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	ME-XRF06 SiO2 %	ME-XRF06 Al2O3 %	ME-XRF06 Fe2O3 %	ME-XRF06 CaO %	ME-XRF06 MgO %	ME-XRF06 Na2O %	ME-XRF06 K2O %	ME-XRF06 Cr2O3 %	ME-XRF06 TiO2 %	ME-XRF06 MnO %	ME-XRF06 P2O5 %	ME-XRF06 SrO %	ME-XRF06 BaO %	ME-XRF06 LOI %	ME-XRF06 Total %
M077030	74,36	13,81	0,55	1	0,25	3,4	5,33	<0.01	<0.01	<0.01	0,018	0,03	0,07	0,49	99,28
M077037	66,99	0,22	32,59	0,01	0,06	<0.01	0,01	<0.01	<0.01	0,01	0,022	<0.01	<0.01	0,16	100
M077038	68,92	0,13	30,9	0,01	0,06	<0.01	0,01	<0.01	<0.01	0,01	0,012	<0.01	<0.01	0,09	100,1
M077039	73,26	4,76	18,4	0,01	0,4	0,03	1,45	<0.01	0,24	<0.01	0,018	<0.01	0,21	0,86	99,64
M077040	77,1	0,23	22,34	0,01	0,05	<0.01	0,01	<0.01	<0.01	<0.01	0,018	<0.01	<0.01	0,15	99,85
M077041	66,8	0,19	32,16	0,01	0,06	<0.01	0,01	<0.01	<0.01	0,01	0,048	<0.01	<0.01	0,64	99,9
M077042	53,5	0,16	45,61	<0.01	0,07	0,03	0,01	<0.01	<0.01	0,01	0,018	<0.01	<0.01	0,14	99,5
M077043	59,59	0,45	39,15	<0.01	0,09	0,02	0,1	<0.01	<0.01	0,01	0,016	<0.01	<0.01	0,1	99,5
M077044	54,69	0,29	44,5	0,23	0,1	0,03	0,02	<0.01	<0.01	0,01	0,049	<0.01	<0.01	0,27	100,15
M077045	49,99	0,21	49,35	<0.01	0,08	0,04	0,01	<0.01	<0.01	0,01	0,021	0,01	<0.01	0,16	99,84
M077046	53,24	0,21	46,29	<0.01	0,08	0,03	0,01	<0.01	<0.01	0,02	0,018	<0.01	<0.01	0,16	100
M077047	55,37	0,1	43,97	<0.01	0,07	0,03	0,01	<0.01	<0.01	0,01	0,016	0,01	<0.01	0,09	99,65
M077048	37,83	0,12	61,79	<0.01	0,09	0,07	0,01	<0.01	<0.01	0,02	0,02	0,01	<0.01	0,16	100,05
M077049	40,85	0,15	57,91	<0.01	0,09	0,07	0,01	<0.01	<0.01	0,03	0,056	0,01	<0.01	0,96	100,1
M077050	50,25	0,42	47,77	0,01	0,09	0,04	0,01	<0.01	<0.01	0,05	0,11	<0.01	<0.01	1,45	100,15
M077051	45,05	0,21	54,16	<0.01	0,09	0,05	0,01	<0.01	<0.01	0,15	0,02	0,01	<0.01	0,19	99,94
M077052	52,75	0,24	45,9	<0.01	0,07	0,03	0,01	<0.01	<0.01	0,01	0,014	0,01	<0.01	0,11	99,11
M077053	73,7	0,32	25,95	<0.01	0,06	<0.01	0,05	<0.01	<0.01	<0.01	0,016	<0.01	<0.01	0,1	100,15
M077054	92,86	0,3	6,22	<0.01	0,04	<0.01	0,05	<0.01	<0.01	<0.01	0,019	<0.01	<0.01	0,08	99,51
M077055	81,48	4,88	10,54	<0.01	0,24	0,03	1,52	<0.01	0,2	<0.01	0,024	<0.01	<0.01	0,73	99,63
M077056	67,9	5,01	24,35	<0.01	0,26	0,06	1,58	<0.01	0,24	<0.01	0,024	<0.01	<0.01	0,75	100,15
M077057	71,64	6,62	17,62	0,01	0,42	0,03	2,38	<0.01	0,25	<0.01	0,023	<0.01	0,01	1,08	100,1
M077058	79,35	6,94	8,38	0,01	0,59	0,01	3,02	<0.01	0,2	<0.01	0,016	<0.01	0,01	1,1	99,62
M077059	71,16	8,09	14,76	0,01	0,7	<0.01	3,07	<0.01	0,27	0,02	0,025	<0.01	0,01	1,56	99,67
M077060	74,04	14,23	0,74	0,94	0,3	3,43	5,78	<0.01	<0.01	<0.01	0,021	0,03	0,06	0,51	100,05
M077061	43,01	0,29	56,44	<0.01	0,1	0,06	0,02	<0.01	<0.01	0,02	0,017	0,01	<0.01	0,05	99,98
M077062	71,83	0,11	28,15	<0.01	0,06	<0.01	0,01	<0.01	<0.01	<0.01	0,012	<0.01	<0.01	0,05	100,2
M077063	64,05	0,13	35,74	<0.01	0,06	<0.01	0,01	<0.01	<0.01	0,01	0,016	<0.01	<0.01	0,11	100,05
M077064	68,86	3,47	25,1	0,01	0,31	0,03	1,11	<0.01	0,11	0,01	0,033	<0.01	0,07	0,86	99,96
M077065	75,9	0,28	23,56	<0.01	0,05	<0.01	0,02	<0.01	<0.01	0,01	0,025	<0.01	<0.01	0,44	100,2
M077066	61,91	0,19	37,38	<0.01	0,08	0,01	0,01	<0.01	<0.01	0,01	0,014	<0.01	<0.01	0,1	99,67
M077067	53,48	0,14	45,86	0,02	0,07	0,04	<0.01	<0.01	<0.01	0,01	0,01	<0.01	<0.01	0,03	99,62
M077068	51,3	0,29	47,74	0,02	0,11	0,04	0,02	<0.01	<0.01	0,01	0,015	<0.01	<0.01	0,21	99,73
M077069	46,76	0,59	51,98	<0.01	0,11	0,05	0,07	<0.01	<0.01	0,01	0,017	0,01	<0.01	0,21	99,78
M077070	52,24	0,32	46,96	<0.01	0,09	0,04	0,04	<0.01	<0.01	0,01	0,017	0,01	<0.01	0,24	99,93
M077071	41,84	0,18	57,49	0,01	0,1	0,06	0,01	<0.01	<0.01	0,02	0,014	0,01	<0.01	0,11	99,81

VO12205320 - Finalized

CLIENT : PACARC - Pacific Arc Resources Ltd.

of SAMPLES : 119

DATE RECEIVED : 2012-08-31 DATE FINALIZED : 2012-09-17

PROJECT : SEIGNELAY

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	ME-XRF06 SiO2 %	ME-XRF06 Al2O3 %	ME-XRF06 Fe2O3 %	ME-XRF06 CaO %	ME-XRF06 MgO %	ME-XRF06 Na2O %	ME-XRF06 K2O %	ME-XRF06 Cr2O3 %	ME-XRF06 TiO2 %	ME-XRF06 MnO %	ME-XRF06 P2O5 %	ME-XRF06 SrO %	ME-XRF06 BaO %	ME-XRF06 LOI %	ME-XRF06 Total %
M077072	48,62	0,18	50,43	0,01	0,09	0,06	0,01	<0.01	<0.01	0,05	0,031	0,01	<0.01	0,33	99,79
M077073	49,91	0,4	47,88	0,02	0,11	0,05	0,01	<0.01	<0.01	0,21	0,086	0,01	<0.01	1,04	99,69
M077074	54,15	0,53	44,32	0,01	0,09	0,04	0,05	<0.01	<0.01	0,03	0,045	0,01	<0.01	0,51	99,77
M077075	55,45	0,17	43,83	<0.01	0,07	0,04	0,01	<0.01	<0.01	0,03	0,017	<0.01	<0.01	0,08	99,66
M077076	57,3	0,23	42,24	<0.01	0,08	0,02	0,02	<0.01	<0.01	0,01	0,016	0,01	<0.01	0,07	99,96
M077077	72,54	0,51	26,71	0,01	0,08	<0.01	0,12	<0.01	<0.01	0,01	0,026	<0.01	<0.01	0,14	100,1
M077078	90,21	1,51	6,84	0,01	0,12	<0.01	0,45	<0.01	0,01	<0.01	0,018	<0.01	<0.01	0,25	99,39
M077079	68,68	6,12	21,48	<0.01	0,29	0,05	1,96	<0.01	0,29	0,01	0,025	<0.01	<0.01	0,86	99,75
M077080	65,66	5,88	24,69	<0.01	0,36	0,06	1,92	<0.01	0,25	0,01	0,027	<0.01	<0.01	0,84	99,69
M077081	79,49	6,86	9,34	0,01	0,2	0,1	1,74	<0.01	0,31	<0.01	0,026	<0.01	<0.01	0,91	98,98
M077082	73,76	6,28	15,41	<0.01	0,5	<0.01	2,15	<0.01	0,19	0,01	0,03	<0.01	0,01	1,29	99,61
M077083	78,68	3,48	15,27	<0.01	0,29	<0.01	1,25	<0.01	0,07	0,01	0,02	<0.01	<0.01	0,74	99,79
M077084	73,47	10,23	9	0,01	1,05	<0.01	3,75	<0.01	0,39	0,02	0,032	<0.01	0,01	1,9	99,87
M077085	44,85	0,13	54,22	0,01	0,08	0,07	0,02	<0.01	<0.01	0,02	0,052	0,01	<0.01	0,52	99,96
M077086	44,8	0,21	53,9	0,01	0,09	0,06	0,02	<0.01	<0.01	0,02	0,041	0,01	<0.01	0,51	99,63
M077087	54,6	0,24	44,12	0,01	0,08	0,03	0,01	<0.01	<0.01	0,01	0,053	0,01	<0.01	0,56	99,69
M077088	52,71	0,27	46,29	<0.01	0,08	0,04	0,01	0,02	<0.01	0,01	0,018	0,01	<0.01	0,13	99,55
M077089	54,73	0,19	44,76	<0.01	0,08	0,05	0,01	<0.01	<0.01	0,01	0,017	<0.01	<0.01	0,13	99,94
M077090	73,87	13,19	2,93	1	0,19	3,64	4,56	<0.01	<0.01	<0.01	0,029	0,03	0,04	0,47	99,92
M077091	66,03	0,63	32,62	<0.01	0,1	0,01	0,16	<0.01	<0.01	0,01	0,054	<0.01	<0.01	0,49	100,1
M077092	95,85	0,43	3,27	<0.01	0,05	<0.01	0,1	<0.01	<0.01	<0.01	0,016	<0.01	<0.01	0,2	99,85
M077093	82,44	3,32	12,11	<0.01	0,17	<0.01	1,01	<0.01	0,13	<0.01	0,02	<0.01	<0.01	0,6	99,77
M077094	73,17	5,52	17,48	<0.01	0,25	0,04	1,71	<0.01	0,26	<0.01	0,022	<0.01	<0.01	0,9	99,33
M077095	70,95	4,48	21,44	<0.01	0,23	0,03	1,43	<0.01	0,2	<0.01	0,042	<0.01	<0.01	1,09	99,88
M077096	74,5	6,02	14,93	0,01	0,4	0,01	2,03	<0.01	0,19	0,01	0,027	<0.01	0,01	1,25	99,38
M077097	46,96	0,13	52,09	<0.01	0,08	0,06	0,02	<0.01	<0.01	0,03	0,047	<0.01	<0.01	0,5	99,9
M077098	53,45	0,1	45,4	<0.01	0,08	0,04	0,01	<0.01	<0.01	0,03	0,037	0,01	<0.01	0,39	99,53
M077099	55,12	0,11	43,81	<0.01	0,08	0,04	0,01	<0.01	<0.01	0,06	0,036	0,01	<0.01	0,39	99,64
M077100	48,96	0,1	50,29	<0.01	0,08	0,05	0,01	<0.01	<0.01	0,01	0,022	0,01	<0.01	0,32	99,84
M077101	41,78	0,07	57,8	<0.01	0,09	0,07	0,01	<0.01	<0.01	0,01	0,017	0,01	<0.01	0,1	99,94
M077102	44,48	0,14	54,61	<0.01	0,09	0,07	0,01	<0.01	<0.01	0,01	0,04	0,01	<0.01	0,33	99,78
M077103	50,73	0,36	47,73	0,01	0,08	0,05	0,01	<0.01	<0.01	0,07	0,052	0,01	<0.01	0,58	99,64
M077104	46,24	0,61	52,45	<0.01	0,12	0,06	0,17	<0.01	<0.01	0,01	0,029	<0.01	<0.01	0,32	100
M077105	64,53	3,97	28,82	<0.01	0,33	0,04	1,31	<0.01	0,14	0,01	0,023	<0.01	0,04	0,69	99,9
M077106	61,89	0,17	37,38	<0.01	0,07	0,01	0,02	<0.01	<0.01	0,01	0,019	<0.01	<0.01	0,05	99,6
M077107	43,88	0,31	54,81	<0.01	0,09	0,07	0,02	<0.01	<0.01	0,01	0,058	0,01	<0.01	0,46	99,69

VC-2205320 - Finalized

CLIENT : PACARC - Pacific Arc Resources Ltd.

of SAMPLES : 119

DATE RECEIVED : 2012-08-31 DATE FINALIZED : 2012-09-17

PROJECT : SEIGNELAY

CERTIFICATE COMMENTS :

PO NUMBER :

	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
SAMPLE DESCRIPTION	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	Total %	
M077108	42,58	0,24	57,1	0,01	0,11	0,07	0,03	<0.01	<0.01	0,01	0,02	0,01	<0.01	0,03	100,2	
M077109	62,1	0,4	36,61	<0.01	0,07	0,01	0,03	<0.01	<0.01	0,01	0,044	<0.01	<0.01	0,32	99,55	
M077110	93,53	2,7	2,31	0,02	0,06	<0.01	0,23	<0.01	0,07	<0.01	0,071	<0.01	<0.01	1,02	99,99	
M077111	88,7	6,05	1,42	0,02	0,48	<0.01	2	<0.01	0,2	<0.01	0,04	<0.01	0,03	1,13	100,05	
M077112	85,15	7,29	1,77	0,04	0,58	<0.01	2,46	<0.01	0,25	<0.01	0,065	<0.01	0,04	1,29	98,92	
M077113	64,18	5,63	26,11	0,02	0,44	0,05	1,75	<0.01	0,22	0,01	0,041	<0.01	0,1	1,09	99,64	
M077114	58,24	1	39,76	0,01	0,13	0,13	0,24	<0.01	0,01	0,01	0,023	<0.01	0,03	0,23	99,82	
M077115	57,14	0,4	42,13	<0.01	0,1	0,03	0,05	<0.01	<0.01	0,01	0,013	<0.01	<0.01	0,08	99,93	
M077116	59,25	0,51	39,78	0,01	0,11	0,04	0,08	<0.01	<0.01	0,01	0,017	<0.01	0,01	0,14	99,93	
M077117	78,24	9,99	5,08	0,01	0,66	<0.01	2,8	<0.01	0,31	<0.01	0,038	<0.01	0,02	2,31	99,45	
M077118	91,12	1,29	6,53	<0.01	0,11	<0.01	0,41	<0.01	<0.01	<0.01	0,021	<0.01	<0.01	0,3	99,76	
M077119	59,15	0,77	39,18	<0.01	0,11	0,03	0,17	<0.01	<0.01	0,01	0,034	0,01	<0.01	0,2	99,65	
M077120	74,59	14,19	0,64	1,02	0,23	3,68	5,09	<0.01	<0.01	<0.01	0,023	0,03	0,05	0,57	100,1	
M077121	44,97	0,3	54,02	<0.01	0,09	0,07	0,03	0,02	<0.01	0,02	0,026	0,01	<0.01	0,16	99,67	
M077122	82,89	0,39	16,5	<0.01	0,06	<0.01	0,08	<0.01	<0.01	<0.01	0,017	<0.01	<0.01	0,17	100,05	
M077123	94,41	0,25	4,7	<0.01	0,04	<0.01	0,05	<0.01	<0.01	<0.01	0,013	<0.01	<0.01	0,04	99,44	
M077124	94,38	0,69	3,11	0,01	0,07	<0.01	0,18	<0.01	<0.01	<0.01	0,013	<0.01	<0.01	0,12	98,54	
M077125	84,16	4,36	8,61	<0.01	0,23	0,01	1,35	<0.01	0,18	<0.01	0,022	<0.01	<0.01	0,64	99,54	
M077126	66,08	6,48	23,65	<0.01	0,32	0,09	2,03	<0.01	0,32	0,01	0,026	<0.01	<0.01	0,94	99,93	
M077127	50,93	3,68	42,89	<0.01	0,24	0,1	1,15	<0.01	0,17	0,01	0,034	0,01	<0.01	0,58	99,79	
M077128	65,11	4,38	27,94	0,02	0,22	0,04	1,48	<0.01	0,21	0,01	0,03	<0.01	<0.01	0,72	100,15	
M077129	67,96	0,92	30,23	<0.01	0,11	0,01	0,26	<0.01	<0.01	0,03	0,054	<0.01	<0.01	0,55	100,1	
M077130	72,46	6,72	15,81	0,01	0,58	0,02	2,76	<0.01	0,25	0,02	0,037	<0.01	0,02	1,22	99,9	
M077131	50,88	0,19	47,94	0,02	0,1	0,08	0,03	<0.01	<0.01	0,02	0,03	0,01	<0.01	0,35	99,62	
M077132	43,9	0,09	55,92	<0.01	0,08	0,08	0,01	<0.01	<0.01	0,01	0,018	0,01	<0.01	0,09	100,2	
M077133	46,11	1,27	51,33	<0.01	0,16	0,06	0,35	<0.01	0,01	0,01	0,045	0,01	0,08	0,48	99,91	
M077134	47,13	0,43	51,84	<0.01	0,11	0,05	0,12	<0.01	<0.01	0,01	0,015	0,01	<0.01	0,09	99,78	
M077135	56,64	0,24	42,66	<0.01	0,08	0,03	0,05	<0.01	<0.01	0,01	0,016	<0.01	<0.01	0,07	99,75	
M077136	73,58	14,17	0,76	0,98	0,24	3,52	5,49	<0.01	<0.01	<0.01	0,02	0,03	0,06	0,47	99,29	
M077137	59,39	0,43	39,82	<0.01	0,09	0,02	0,07	<0.01	<0.01	0,01	0,017	<0.01	<0.01	0,09	99,92	
M077138	38,62	0,27	60,7	<0.01	0,11	0,09	0,02	<0.01	<0.01	0,02	0,011	0,01	<0.01	0,06	99,89	
M077139	55,33	0,39	44,08	<0.01	0,09	0,03	0,05	<0.01	<0.01	0,01	0,026	0,01	<0.01	0,13	100,1	
M077140	81,18	1,36	14,48	0,01	0,07	<0.01	0,21	<0.01	0,02	0,01	0,072	<0.01	<0.01	2,14	99,53	
M077141	82,76	1,68	14,3	0,01	0,14	<0.01	0,45	<0.01	0,02	<0.01	0,024	<0.01	0,04	0,37	99,79	
M077142	49,92	0,69	47,99	<0.01	0,12	0,05	0,16	<0.01	<0.01	0,02	0,106	0,01	0,01	0,96	100	
M077143	83,62	6,3	5,63	0,02	0,52	<0.01	2	<0.01	0,17	<0.01	0,034	<0.01	0,02	1,23	99,51	

VO12205320 - Finalized

CLIENT : PACARC - Pacific Arc Resources Ltd.

of SAMPLES : 119

DATE RECEIVED : 2012-08-31 DATE FINALIZED : 2012-09-17

PROJECT : SEIGNELAY

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	ME-XRF06 SiO2 %	ME-XRF06 Al2O3 %	ME-XRF06 Fe2O3 %	ME-XRF06 CaO %	ME-XRF06 MgO %	ME-XRF06 Na2O %	ME-XRF06 K2O %	ME-XRF06 Cr2O3 %	ME-XRF06 TiO2 %	ME-XRF06 MnO %	ME-XRF06 P2O5 %	ME-XRF06 SrO %	ME-XRF06 BaO %	ME-XRF06 LOI %	ME-XRF06 Total %
M077144	50,22	0,45	48,81	0,01	0,1	0,06	0,06	<0.01	<0.01	0,01	0,038	0,01	<0.01	0,21	99,94
M077145	80,78	0,29	18,6	0,01	0,05	<0.01	0,05	<0.01	<0.01	<0.01	0,019	<0.01	<0.01	0,09	99,84
M077146	94,7	0,62	3,99	<0.01	0,06	<0.01	0,15	<0.01	<0.01	<0.01	0,013	<0.01	<0.01	0,08	99,56
M077147	69,62	4,74	22,49	0,01	0,24	0,05	1,5	<0.01	0,19	0,01	0,021	<0.01	<0.01	0,69	99,54
M077148	70,08	4,75	22,32	<0.01	0,24	0,05	1,5	<0.01	0,19	<0.01	0,025	<0.01	<0.01	0,69	99,83
M077149	54,85	5,95	35,26	<0.01	0,39	0,08	2,01	<0.01	0,23	0,01	0,032	0,01	<0.01	0,96	99,77
M077150	74,7	13,86	0,59	1,01	0,2	3,82	4,83	<0.01	<0.01	<0.01	0,029	0,03	0,04	0,54	99,62
M077151	74,82	3,55	18,62	<0.01	0,34	<0.01	1,34	<0.01	0,07	0,03	0,055	<0.01	0,01	0,94	99,76
M077152	73,21	7,92	12,23	0,02	0,94	0,03	3,36	<0.01	0,26	0,01	0,031	<0.01	0,02	1,38	99,42
M077153	68,21	10,52	12,85	0,01	0,96	0,07	4,54	<0.01	0,43	0,02	0,036	0,01	0,03	1,65	99,32
M077154	83,39	2,3	12,75	<0.01	0,19	<0.01	0,72	<0.01	<0.01	0,01	0,023	<0.01	<0.01	0,65	100