



2012 Annual Reclamation Report

The Pebble Project

Iliamna, Alaska

Prepared by: JBN Consultants, Inc.
Eagle River, Alaska

18 January 2013

TABLE of CONTENTS

	TABLE of CONTENTS.....	<i>i</i>
1.0	INTRODUCTION.....	1
1.1	Location.....	1
1.2	Reclamation Project Objectives.....	1
2.0	SITE SUMMARY.....	2
2.1	Access.....	2
2.2	Support Structures.....	2
2.3	Fuel.....	3
3.0	PROPOSED VS. ACTUAL PROJECT ACTIVITIES.....	4
4.0	SITE RECLAMATION.....	7
4.1	Site Operations – 2012.....	7
4.1.1	Diamond Core Drilling.....	7
4.1.2	Upland Drill Water Sumps.....	7
4.1.3	Geotechnical Drilling.....	8
4.1.3.1	Mud Rotary Drilling.....	8
4.1.3.2	Sonic Drilling.....	8
4.1.4	Shallow Soil Test Pit.....	9
4.1.5	Seismic Lines.....	9
4.2	Sumps and Trenches.....	9
4.3	Tundra Pads and Matting.....	9
4.4	Drill Water and Sediment Control.....	10
4.5	Solid Waste Management.....	10
4.6	Additional Reclamation at Historical Borehole Locations.....	10
5.0	DATE.....	11

LIST of TABLES

1.	2012 PLP Project Activities: Proposed Vs. Actual Disturbed Acreage.....	6
2.	2012 Pebble Exploration Project Reclamation Status – Boreholes.....	12

LIST of FIGURES

Figure 1	Location Map – PLP Claim Blocks
Figure 2	Diamond Drill Locations – PLP Claim Blocks
Figure 3	Geotechnical Drill Locations – PLP Claim Blocks
Figure 4	Geotechnical Drill Locations – PLP Claim Block Rocky Cove
Figure 5	Historical Boreholes Reclaimed in 2012



APPENDICES

- Appendix A Representative Photographs of Typical Reclaimed Drill Sites
- Appendix B 2012 Annual Reclamation Statement
- Appendix C Certificate of Author



1.0 INTRODUCTION

This report summarizes information related to land reclamation conducted by the Pebble Project during 2012. The Pebble Project is a mineral exploration and development project owned by the Pebble Limited Partnership (PLP), an Alaska limited partnership formed between a wholly owned U.S. subsidiary of Anglo American PLC and a wholly owned U.S. entity of Northern Dynasty Minerals, Ltd.

During 2012, land reclamation was conducted between June and November concurrently with exploration in accordance with the following Miscellaneous Land Use Permit (MLUP) for Hardrock Exploration & Reclamation:

- A126118 (MLUP effective dates 8 June 2012 through 31 December 2012) granted by the Alaska Department of Natural Resources, Division of Mining, Land & Water (ADNR-DMLW) on 8 June 2012;

This permit was granted to:

*Pebble East Claims Corporation
& Pebble West Claims Corporation
Pebble Partnership
3201 C Street, Suite 604
Anchorage, Alaska 99503*

written in accordance with and subject to the requirements and general stipulations of Alaska Statute 27.19 (Reclamation); Alaska Statute 38.05 (Alaska Land Act); Alaska Administrative Code, Title 11, Chapter 86 (Mining Rights); Chapter 96 (Miscellaneous Land Use), and Chapter 97 (Mining Reclamation).

1.1 Location

The Pebble Project is located in southwestern Alaska, 200 miles from Anchorage and 60 miles from tidewater at Cook Inlet and 17 miles NW of Iliamna, Alaska. The Pebble property consists of 209,996 acres of Alaska state mineral claims, hosting one of the world's most important accumulations of copper, gold and molybdenum.

1.2 Reclamation Project Objectives

The primary objective for land reclamation is to initiate proactive measures to minimize the impact to the land surface. As stipulated in the Pebble Project MLUP:

- Surface disturbance shall be held to a minimum, and will be reclaimed by backfilling, contouring, and spreading of organic rich overburden to promote stabilization and natural revegetation.

- The area reclaimed shall be reshaped and recontoured to blend with surrounding physiography using strippings and overburden, and then be stabilized to a condition that shall retain sufficient moisture to allow for natural revegetation.
- Upon completion of drilling activities, drill pads shall be reclaimed as necessary, including reseeding, to encourage natural revegetation of the sites and protect them from erosion. Trenches shall be backfilled with material excavated and mounded slightly.
- All exploration trenches shall be reclaimed before the end of the exploration season in which they are constructed, unless they are specifically approved to remain open by the Division of Mining, Land & Water.

2.0 SITE SUMMARY

2.1 Access

As in previous years, exploration activities were supported via helicopter in 2012. Other than the exception noted below, all access to the exploration site from Iliamna and within the deposit area was made via helicopter stationed at the Iliamna Airport.

- Bulk fuel was transported to Wiggly Heliport via light fixed wing aircraft with floats operating off Big Wiggly Lake. During some previous years, a temporary ice winter airstrip was made on top of Big Wiggly Lake by back blading and leveling the snow over an area of approximately 100 ft. x 2,500 ft. This year drilling operations began in June and ended in November; therefore, a temporary ice strip was not needed for fuel delivery.

2.2 Support Structures

- All personnel were lodged off-site in the town of Iliamna.
- The following temporary structures are located within the Pebble claim area (all will be removed when no longer needed):
 - The Supply Depot built in 2004 in the SE1/4 SE1/4 Sec 21 T3S R35W is used for storage of drill parts, water line, reclamation supplies, etc. in temporary structures. When not in use at the drill rigs, all other temporary structures used as emergency shelters, water heater housing, empty garbage totes, outhouses, etc., are also stored at the Supply Depot. One 10ft x 20ft wooden structure is used to store drill supplies that require protection from the elements. A WeatherPort type tent (approximately 24ft x 60ft) is used to temporarily store mechanical equipment. Both temporary structures are heated.
 - Two temporary structures have been erected to protect water hose and keep it from freezing. They are referred to collectively as the “Water Shed” and are located within the main deposit area east northeast of the Supply Depot. One is metal clad (approximately 10ft x 20ft) and the other is a wooden structure (approximately 20ft x 40ft).

- An emergency shelter and several small buildings are located at each drill site. The buildings are used for storage and employee safety. The drill crew emergency shelter was a WeatherPort type tent, heated, and stocked with emergency supplies, e.g., extra food and blankets. Drill platforms were enclosed to protect the drill crews from the weather. An emergency medical technician (EMT) was stationed within a mobile MedPort (WeatherPort type tent) located at each rig when the drill crew was on-site. Structures were built in town and moved by helicopter to each site. All are temporary, heli-portable, and moved with the drills when the bore hole is complete. At the conclusion of the field season, all drill rigs were demobilized to the Supply Depot or transported back to Iliamna.
- A portable toilet consisting of a bucket with a plastic bag insert and snap on seat was positioned within a temporary wooden outbuilding at each drill site. Human solid waste was transported off-site where it was shipped to Safety Waste Incineration in Wasilla, Alaska, for treatment.
- Three temporary wooden structures (i.e., emergency shelter and a generator shack) are positioned at the three "Westbay" monitoring wells to provide shelter for crews during data collection. One Westbay monitoring well is located on the east side of the main deposit at former drill location DDH-6349, the second is located on the west ridge of "G"-Valley, at former drill location GH10-220, and the third is located on the northeast corner of the Supply Depot area at former drill location DDH 11531.
- A temporary fiberglass structure (approximately 8ft x 8ft) and associated equipment are located at each of the two weather stations located on the west side of the main deposit area. Pebble 1, aka North Weather Station, is situated at 59d 54.183 N, 155d 19.800 W. Pebble 8, aka Northwest Weather Station, is situated at 59d 54.536 N, 155d 18.742 W.
- One temporary metal structure (approximately 8ft x 8ft) and associated equipment are located at a radio repeater station located on the east side of the main deposit area on top of North Kaktuli Mountain. The coordinates are 59d 52 19.0 N, 155d 13 11.0 W

2.3 Fuel

Daily project activities were performed in accordance with the PLP Spill Prevention Control and Countermeasures Plan (SPCC Plan).

- Helicopters are based at the Iliamna Airport and are refueled at the airport as well as at the "Wiggly Heliport" located at Big Wiggly Lake. The heliport is used as a re-fueling station for helicopters working in the project area and for fueling supply tanks used at the drill rigs. The 110-gallon double wall fuel supply tanks are transported to the rigs by helicopter. Structures present at the heliport include five (5) one-thousand gallon double wall fuel tanks situated inside aluminum containment that have a holding capacity of greater than 110% of the volume of each tank, two wooden helicopter landing pads, and two temporary sheds used to



store supplies/ spill response equipment. The distance from the closest fuel tank to the lake shore is 104 feet.

- Bulk fuel for the Pebble Project was supplied by Iliamna Development Corporation and the Iliamna Lake Lodge Fuel Services from their facilities in Iliamna.
- Maximum quantity of 4,000 gallons of diesel fuel was stored at one site (i.e., Wiggly Heliport) located at Big Wiggly Lake. Although, these five tanks have a 5,000 gallon total capacity they are only filled to 80 percent. Fuel was transferred into 110-gallon Department of Transportation-approved supply tanks and transported via helicopter to drill sites for daily operations.
- Typically, the quantity of fuel stored at each drill rig was less than 600 gallons positioned within secondary containment.
- Fuel storage sites were located at least 100 ft. from water bodies.
- Fuel was stored in double-walled above ground storage tanks positioned within aluminum secondary containment fuel storage areas. In accordance with State of Alaska regulations, secondary containments are constructed to have greater than 110% capacity of the largest fuel storage tank.
- Emergency spill kits and absorbent materials are kept at each fuel storage site.
- Regardless of whether sheen was observed on storm-water within the secondary containment, the water was treated through an Absorbent W® water scrubbing system. One of these water treatment units was available at each fuel storage site.

3.0 PROPOSED VS. ACTUAL PROJECT ACTIVITIES

According to the Pebble Project MLUP A126118, based on a letter of intent to complete reclamation this operation is exempt from Reclamation Bonding. According to the 2012 Plan of Operations for the Pebble Exploration Project, submitted to ADNR on 22 February 2012, project management anticipated a land disturbance of 1.54 acres related to the following activities. “Disturbed” is defined as the vegetative matt removed or destroyed.

Proposed acreage to be disturbed between May 1, 2012 and December 31, 2012:

- Forty (40) diamond core drilling boreholes;
- One hundred-twenty (120) geotechnical drill holes [Eighty (80) proposed for mud rotary or reverse circulation (RC) drilling and forty (40) proposed sonic drilling];
- One hundred (100) shallow soil test pits; and
- Thirty-four (34) seismic lines totaling no more than 220,000 feet.

0.28 acres	Diamond core drilling boreholes
0.25 acres	Upland drill water sump locations
0.15 acres	Mud rotary or reverse circulation drilling sites (Geotechnical)
0.08 acres	Sonic drilling sites (Geotechnical)
0.07 acres	Shallow soil test pits
<u>0.71 acres</u>	Seismic lines
1.54 acres	TOTAL



Total land disturbed during the 2012 field operations was approximately 0.23 acres. Activities actually performed during 2012 included:

Actual acres disturbed between June and November 2012:

- Sixteen (16) diamond core boreholes for exploratory purposes;
- Thirty (30) mud rotary boreholes for geotechnical purposes (Note: twenty-two (22) of these boreholes were completed under MLUP 126118 within the historical Pebble claim boundary while the other eight (8) boreholes were completed in accordance with the Generally Allowed Uses of State Land (11 AAC 96.020) in the vicinity of Cook Inlet).
- Thirty-one (31) sonic boreholes for geotechnical purposes;
- No reverse circulation drilling was conducted this season;
- Shallow soil test pit excavation planned for 2012 was not conducted this season; therefore, no reclamation was necessary for 0.07 acres permitted for this activity; and
- Seismic studies planned for 2012 were not conducted this season; therefore, no land reclamation was necessary for 0.71 acres permitted for this activity.

0.11 acres	Diamond core drilling boreholes
0.00 acres	Upland drill water sump locations
0.06 acres	Mud rotary drilling boreholes
0.06 acres	Sonic drilling boreholes
0.00 acres	Shallow test pits
<u>0.00 acres</u>	Seismic lines
0.23 acres	TOTAL

A summary of proposed versus actual land disturbance and site reclamation activities is presented in Table 1.



Table 1. 2012 PLP Project Activities: Proposed Vs. Actual Disturbed Acreage

Activity	Proposed (2012)		Actual (2012)			2013
	Number of Sites	Estimated Disturbance (acres)	Number of Sites	Disturbance (acres)	Reclaimed (acres)	To Be Reclaimed (acres)
Diamond core drilling	40	0.28	16	0.11	0.04	0.07
Upland drill water sump		0.25	0	0.00	0.00	0.00
Geotechnical drilling (Mud Rotary)	80	0.15	30	0.06	0.04	0.02
Geotechnical drilling (Sonic)	40	0.08	31	0.06	0.03	0.03
Shallow Test pits	100	0.07	0	0.00	0.00	0.00
Seismic lines	34	0.71	0	0.00	0.00	0.00
subtotal acres (2012)		1.54		0.23	0.11	
2011 acreage reclaimed					0.06	
2011 acreage left to be reclaimed						0.00
2012 acreage left to be reclaimed						0.12
Grand Total Acres		1.54		0.23	0.17	0.12

Table Notes:

Upland Drill Water Sump = when necessary to keep water away from streams, lakes, and wetlands drill water is pumped to an upland location for infiltration into the ground.

Disturbed Acreage = Values are calculated based on mineral soil disturbance only and did not account for areal footprint of the temporary structures set on top of tundra pads or where vegetation was simply compressed.

4.0 SITE RECLAMATION

4.1 Site Operations – 2012

During 2012 approximately 0.17 acres were reclaimed from work completed during the 2011/2012 field programs, leaving approximately 0.12 acres to be reclaimed as soon as conditions allow. A summary of reclamation activities for boreholes is provided in Table 2.

Once activities were completed at each site, site reclamation was conducted using a helicopter supported mini-excavator, hand-shovels, and rakes. During these activities the disturbed land surface was recontoured and the retained surface vegetation was replaced and /or replanted to inhibit erosion and enhance natural revegetation. Sites were reclaimed in accordance with the Pebble Project MLUP A126118.

2012 Land Disturbance vs. Reclamation (1 acre = 43,560 sq ft.)

The following is a summary of the number of acres disturbed and/or reclaimed during 2012. “Disturbed” is defined as the vegetative matt removed or destroyed.

- 0.06 – disturbed acres remaining following 2011 program, reclaimed during 2012
- 0.00 – acres still remaining to be reclaimed from 2011 exploration program
- 0.23 – total acres disturbed during 2012 exploration program
- 0.11 – acres disturbed during 2012 exploration program, reclaimed during 2012
- 0.12 – acres disturbed from 2012 exploration program remaining to be reclaimed

4.1.1 Diamond Core Drilling

Sixteen (16) boreholes (DDH 12543 through 12549, 12551, 12552, 12553, 12555, 12557, and 12559 through 12562, inclusive) were drilled using three diamond core drill rigs during the 2012 field season. Boreholes were abandoned in accordance with the Pebble Project MLUP A126118. Six (6) of these 16 boreholes were reclaimed during 2012 and the other ten boreholes (DDH 12547, 12548, 12551, 12552, 12555, 12557, and 12559 through 12562) will be reclaimed as soon as conditions allow in 2013.

Seven diamond core boreholes remaining from the 2011 field season were reclaimed during 2012 (i.e., DDH 11536 through 11542).

4.1.2 Upland Drill Water Sumps

During the 2012 field season, no additional sumps were excavated upgradient of the drill sites.



4.1.3 Geotechnical Drilling

4.1.3.1 Mud Rotary Drilling

Thirty (30) geotechnical boreholes [Geotechnical holes (GH) GH12-297 through GH12-300, GH12-302, GH12-303, GH12-305 through GH12-310, GH12-312, GH12-314, GH12-316, GH12-318, GH12-325, GH12-326, GH12-328, GH12-331, GH12-333, GH12-335, GH12-342, GH12-346, GH12-348 through GH12-350, GH12-352, GH12-353, GH12-355] were drilled using one mud-rotary drill rig during the 2012 field season. No hydrology boreholes were completed using reverse circulation methods.

As noted in Section 3, twenty-two (22) of these boreholes were completed under MLUP 126118 within the historical Pebble claim boundary while the other eight (8) boreholes were completed in accordance with the Generally Allowed Uses of State Land (11 AAC 96.020) in the vicinity of Cook Inlet). This General Permit allows for drilling up to 300 feet deep without a specific land use permit (including exploratory drilling or stratigraphic test wells on state land not under oil or gas lease). The eight (8) boreholes completed near Cook Inlet included GH12-342, GH12-346, GH12-348 through GH12-350, GH12-352, GH12-353, and GH12-355.

Eighteen (18) of the 30 boreholes were reclaimed during 2012 and the other 12 boreholes (i.e., GH12-305, GH12-306, GH12-326, GH12-328, GH12-342, GH12-346, GH12-348 through GH12-350, GH12-352, GH12-353, and GH12-355) will be reclaimed as soon as conditions allow in 2013.

One mud-rotary geotechnical boreholes remaining from the 2011 field season was reclaimed during 2012 (i.e., GH11-274).

4.1.3.2 Sonic Drilling

Thirty-one (31) geotechnical boreholes [[GH12-301S, GH12-304S, GH12-311S, GH12-313S, GH12-315S, GH12-317S, GH12-319S through GH12-324S, GH12-327S, GH12-329S, GH12-330S, GH12-332S, GH12-334S, GH12-336S through GH12-341S, GH12-343S through GH12-345S, GH12-347S, GH12-351S, GH12-354S, GH12-356S, and GH12-357S] were drilled using one sonic drill rig during the 2012 field season. Fifteen (15) of these boreholes were reclaimed during 2012 and the other sixteen boreholes (i.e., GH12-304S, GH12-311S, GH12-313S, GH12-315S, GH12-329S, GH12-336S, GH12-337S, GH12-339S, GH12-343S through GH12-345S, GH12-347S, GH12-351S, GH12-354S, GH12-356S, and GH12-357S) will be reclaimed as soon as conditions allow in 2013.

Four (4) sonic geotechnical boreholes remaining from the 2011 field season were reclaimed during 2012 (i.e., GH11-253S, GH11-265S, GH11-266S, and GH11-285S).

4.1.4 Shallow Soil Test Pits

Shallow soil test pits proposed for the 2012 field season were not completed; therefore, there was no land reclamation required for this task.

4.1.5 Seismic Lines

Seismic lines proposed for the 2012 field season were not completed; therefore, there was no additional land reclamation required for this task.

Site activities undertaken in 2012 are depicted in Figures 1 through 5. Representative photographs of typical reclaimed drill sites are provided in Appendix A. A copy of the 2012 Annual Reclamation Statement is presented in Appendix B. Complete photographic evidence of land reclamation for all 2012 exploration sites is on file in the PLP field office and available upon request.

4.2 Sumps and Trenches

During initial drill rig set-up, a helicopter supported mini-excavator was mobilized to the site to excavate sumps to catch the drill cuttings and to make a reservoir for the drill return. For this purpose, typically one to three sumps were excavated with dimensions each measuring approximately 5-feet x 16-feet x 6-feet deep. One additional sump was excavated at one drill site (i.e., DDH 12551) to allow for sufficient capacity to bury the drill cuttings generated. A trench measuring approximately 1-ft x 40-ft x 2-ft deep was also excavated to transfer drill return from the drill collar to the sumps. The water generated from drill operations was either recirculated and reused for drilling or pumped to an upland drill water location away from streams, lakes, and wetlands for natural infiltration to the ground.

Once drilling was completed at each site the helicopter supported mini-excavator was used to backfill and recontour the sumps and trenches. The retained surface vegetation was replaced and /or replanted to inhibit erosion and enhance natural revegetation. When the sumps are backfilled they often continue to settle for up to several months; therefore, the sites drilled and reclaimed during 2012 will be revisited in 2013. The Reclamation Crew will perform additional reclamation, if necessary.

4.3 Tundra Pads and Matting

Drill components were placed on top of temporary wooden platforms constructed of timbers and decking. Approximately ten to twelve 8-ft x 16-ft "tundra pads" and wooden boardwalks were placed at high traffic areas around the drill site to minimize the impact to the ground surface. They were moved into position via helicopter during initial rig set-up and demobilized when the borehole was complete.

Once the tundra pads and the matting were removed project staff used the back of a rake to massage the tundra to spring back to its original position.

4.4 Drill Water and Sediment Control

When necessary, temporary barriers (i.e., silt fencing, sorbent booms, straw booms, and straw bales) were deployed down gradient of drill operations to prevent incidental drill fluid overflow from encroaching upon surface water drainages. These materials were demobilized when the borehole was complete.

4.5 Solid Waste Management

A temporary aluminum “Flying Dumpster” was positioned at each project site to prevent trash from blowing away during high winds and helicopter sling-load operations. These sturdy aluminum receptacles were purchased two years ago to replace a wooden version. When full these dumpsters were slung via helicopter to Iliamna where trash and debris was sorted for transport to an off-site recycling facility or incineration in Iliamna.

A portable toilet consisting of a bucket with a plastic bag insert and snap on seat was positioned within a temporary wooden outbuilding at each drill site. Human solid waste was transported off-site to Iliamna where it was shipped to Safety Waste Incineration in Wasilla, Alaska, for treatment.

4.6 Additional Reclamation at Historical Borehole Locations

During 2011, crews identified eight historical borehole locations as needing additional reclamation. Six locations (i.e., DDH 7362, DDH 8412, GH08-151, P-06-40M, P-08-56D, and SRK-1A) had stagnant water pooled on the surface in the vicinity of the former borehole. These were abandoned and reclaimed during the 2011 field season. Two other locations (i.e., DDH 9462, DDH 9475) had a seasonal water flow seeping from the former borehole. Given weather constraints at the end of the 2011 field season the abandonment and reclamation of these two boreholes was delayed until 2012 and was completed as soon as conditions allowed. These two locations are depicted on Figure 5.



5.0 DATE

This report is dated 18 January 2013.

The undersigned prepared the report entitled “2012 Annual Reclamation Report – The Pebble Project Iliamna, Alaska.” A Certificate of Author is provided in Appendix C.

/s/ Jeffrey B. Norberg, President JBN Consultants, Inc.

Jeffrey B. Norberg, B.Sc. Geo.

Table 2. 2012 Pebble Exploration Project - Reclamation Status - Boreholes

ID		ADL		Seward - Meridian			NAD83 AK State Plane Zone 5		WGS84		Depth (ft)
Pre Site	Post Site	Number	Claim Name	Township	Range	Section	Easting (ft)	Northing (ft)	Longitude	Latitude	
Disturbed in 2011 - Reclamation Completed in 2012											
Diamond Drill Boreholes											
RE2011-O	DDH 11536	524820	PEBBLE BEACH 5054	T3S	R35W	SW1/4, SW1/4, Sec 27	1403899	2151090	-155.2876	59.8821	4915
RE2011-R	DDH 11537	540399	PEBBLE BEACH 5555	T3S	R35W	NE1/4, SW1/4, Sec 22	1405775	2157981	-155.2781	59.9010	4000
RE2011-Q	DDH 11538	643907	PEB SE 9	T4S	R35W	SE1/4, SW1/4, Sec 29	1394508	2119726	-155.3352	59.7958	1999
RE2011-P	DDH 11539	516822	PEBBLE BEACH 5653	T3S	R35W	SE1/4, NE1/4, Sec 21	1403527	2159013	-155.2904	59.9037	2564
RE2011-BA	DDH 11540	516846	PEBBLE BEACH 4852	T3S	R35W	NE1/4, SE1/4, Sec 33	1401251	2148773	-155.3017	59.8756	4544
RE2011-S	DDH 11541	644215	PEB SE 52	T5S	R36W	SE1/4, NW1/4, Sec 1	1395128	2111149	-155.3309	59.7723	2108
RE2011-T	DDH 11542	643894	PEB SE A3	T4S	R35W	SE1/4, NW1/4, Sec 31	1388418	2117071	-155.3680	59.7882	1587
Geotechnical Boreholes											
SH11-AV	GH11-253S ¹	516810	PEBBLE BEACH 5452	T3S	R35W	SW1/4, SE1/4, Sec 21	1401748	2156209	-155.2998	59.8960	44
SH11-AW	GH11-265S	540399	PEBBLE BEACH 5555	T3S	R35W	NE1/4, SW1/4, Sec 22	1405929	2157754	-155.2772	59.9004	175
SH11-CE	GH11-266S	516819	PEBBLE BEACH 5554	T3S	R35W	NW1/4, SW1/4, Sec 22	1404645	2157410	-155.2842	59.8994	73
GH11-CL	GH11-274	516830	PEBBLE BEACH 5854	T3S	R35W	SW1/4, SW1/4, Sec 15	1403783	2162423	-155.2894	59.9131	179
SH11-BQ	GH11-285S	540427	SILL 7646	T3S	R35W	NE1/4, SW1/4, Sec 23	1410797	2157428	-155.2507	59.8998	34
Disturbed in 2012 - Reclamation Completed in 2012											
Diamond Drill Boreholes											
DEV12-08	DDH 12543	516809	PEBBLE BEACH 5451	T3S	R35W	SE1/4, SW1/4, Sec 21	1399767	2155962	-155.3106	59.8952	1496
DEV12-01	DDH 12544	516808	PEBBLE BEACH 5450	T3S	R35W	SW1/4, SW1/4, Sec 21	1399059	2156042	-155.3144	59.8954	1000
DEV12-29	DDH 12545	516874	PEEBLE BEACH 5353	T3S	R35W	NE1/4, NE1/4, Sec 28	1403071	2154750	-155.2924	59.8920	1998
DEV12-02	DDH 12546	615808	PEBBLE BEACH 5450	T3S	R35W	SW1/4, SW1/4, Sec 21	1399043	2157131	-155.3146	59.8983	1268
DEV12-03	DDH 12549	516815	PEBBLE BEACH 5550	T3S	R35W	NW1/4, SW1/4, Sec 21	1399367	2157665	-155.3129	59.8998	1299
DEV12-12	DDH 12553	516809	PEBBLE BEACH 5451	T3S	R35W	SE1/4, SW1/4, Sec 21	1400059	2156584	-155.3090	59.8969	1753.5
Geotechnical Boreholes											
GH12-AN	GH12-297	524786	PEBBLE BEACH 4255	T4S	R35W	SE1/4, SW1/4, Sec 3	1404579	2140141	-155.2827	59.8522	206.75
GH12-AH	GH12-298	524783	PEBBLE BEACH 4155	T4S	R35W	NE1/4, NW1/4, Sec 10	1404904	2138957	-155.2808	59.8489	254
GH12-CU	GH12-299	642391	PEB EB 54	T3S	R35W	NE1/4, SE1/4, Sec 13	1417943	2162724	-155.2123	59.9146	109
GH12-CV	GH12-300	642390	PEB EB 53	T3S	R35W	NW1/4, SW1/4, Sec 13	1415080	2163415	-155.2279	59.9164	104
MW12-11	GH12-301S	516963	PEBBLE BEACH 4253	T4S	R35W	SE1/4, SE1/4, Sec 4	1402778	2140560	-155.2926	59.8532	237
GH12-CQ	GH12-302	642382	PEB EB 45	T3S	R35W	SW1/4, NW1/4, Sec 24	1414516	2158596	-155.2305	59.9032	260
GH12-CW	GH12-303	642390	PEB EB 53	T3S	R35W	NW1/4, SW1/4, Sec 13	1415003	2162587	-155.2283	59.9141	140
GH12-DC	GH12-307	540449	SILL 8044	T3S	R35W	NE1/4, SE1/4, Sec 15	1408472	2163468	-155.2639	59.9162	160
GH12-DD	GH12-308	540403	PEBBLE BEACH 5955	T3S	R35W	NE1/4, SW1/4, Sec 15	1405660	2163626	-155.2793	59.9165	175
GH12-DE	GH12-309	516833	PEBBLE BEACH 5954	T3S	R35W	NW1/4, SW1/4, Sec 15	1404158	2163210	-155.2874	59.9152	135
GH12-CO	GH12-310	531447	PEBBLE BEACH 5746	T3S	R35W	NW1/4, NW1/4, Sec 20	1393891	2160358	-155.3430	59.9069	260
GH12-CF	GH12-312	646605	PEBBLE BEACH 5943	T3S	R35W	NE1/4, SE1/4, Sec 18	1389908	2163185	-155.3650	59.9144	110
GH12-DN	GH12-314	531449	PEBBLE BEACH 5844	T3S	R35W	SW1/4, SE1/4, Sec 18	1390588	2162598	-155.3613	59.9128	110
GH12-CJ	GH12-316	531451	PEBBLE BEACH 5846	T3S	R35W	SW1/4, SW1/4, Sec 17	1394025	2161664	-155.3425	59.9105	155
MW12-30	GH12-317S	516821	PEBBLE BEACH 5652	T3S	R35W	SW1/4, NE1/4, Sec 21	1401713	2158845	-155.3003	59.9032	73
GH12-CL	GH12-318	524832	PEBBLE BEACH 5748	T3S	R35W	NW1/4, NE1/4, Sec 20	1396770	2160761	-155.3273	59.9080	200
MW12-29	GH12-319S	516811	PEBBLE BEACH 5453	T3S	R35W	SE1/4, SE1/4, Sec 21	1402439	2157156	-155.2961	59.8986	74.5
MW12-20	GH12-320S	516874	PEEBLE BEACH 5353	T3S	R35W	NE1/4, NE1/4, Sec 28	1402815	2155056	-155.2939	59.8929	34

Table 2. 2012 Pebble Exploration Project - Reclamation Status - Boreholes

ID		ADL		Seward - Meridian			NAD83 AK State Plane Zone 5		WGS84		Depth (ft)
Pre Site	Post Site	Number	Claim Name	Township	Range	Section	Easting (ft)	Northing (ft)	Longitude	Latitude	
MW12-19	GH12-321S	524825	PEBBLE BEACH 5255	T3S	R35W	SE1/4, NW1/4, Sec 27	1405525	2154103	-155.2790	59.8904	119
MW12-16	GH12-322S	540399	PEBBLE BEACH 5555	T3S	R35W	NE 1/4, SW 1/4, Sec 22	1405796	2157380	-155.2779	59.8994	161
MW12-13	GH12-323S	540426	SILL 7645	T3S	R35W	NW1/4, SW1/4, Sec 23	1409002	2157996	-155.2605	59.9012	39
MW12-14	GH12-324S	642364	PEB EB 27	T3S	R35W	NE1/4, NW1/4, Sec 26	1410546	2155080	-155.2518	59.8933	259
GH12-DM	GH12-325	516815	PEBBLE BEACH 5550	T3S	R35W	NW1/4, SW1/4, Sec 21	1398837	2158346	-155.3159	59.9016	165
PW12-4	GH12-327S	642364	PEB EB 27	T3S	R35W	NE1/4, NW1/4, Sec 26	1410320	2155106	-155.2530	59.8934	239
MW12-24	GH12-330S	524823	PEBBLE BEACH 5155	T3S	R35W	NE1/4, SW1/4, Sec 27	1405727	2152557	-155.2778	59.8862	140
GH12-CZ	GH12-331	540449	SILL 8044	T3S	R35W	NE1/4, SE1/4, Sec 15	1408125	2162436	-155.2657	59.9133	150
PW12-1	GH12-332S	524827	PEBBLE BEACH 5355	T3S	R35W	NE1/4, NW1/4, Sec 27	1405971	2154697	-155.2767	59.8920	104
GH12-CY	GH12-333	540449	SILL 8044	T3S	R35W	NE1/4, SE1/4, Sec 15	1408870	2162909	-155.2617	59.9147	145
PW12-3	GH12-334S	540399	PEBBLE BEACH 5555	T3S	R35W	NE 1/4, SW 1/4, Sec 22	1405788	2157449	-155.2780	59.8996	159.5
MW12-5	GH12-335	642412	PEB WB 1	T3S	R36W	NW1/4, SW1/4, Sec 33	1367113	2147890	-155.4873	59.8712	600
GH12-AL	GH12-338S	516963	PEBBLE BEACH 4253	T4S	R35W	SE1/4, SE1/4, Sec 4	1402446	2140700	-155.2944	59.8536	222
MW12-2	GH12-340S	516963	PEBBLE BEACH 4253	T4S	R35W	SE1/4, SE1/4, Sec 4	1402796	2140576	-155.2925	59.8532	157.5
PW12-5	GH12-341S	516963	PEBBLE BEACH 4253	T4S	R35W	SE1/4, SE1/4, Sec 4	1402428	2140706	-155.2946	59.8535	129
Disturbed in 2012 - Reclamation Planned for 2013											
Diamond Drill Boreholes											
SCH12-05	DDH 12547	524826	PEBBLE BEACH 5354	T3S	R35W	NW1/4, NW1/4, Sec 27	1404248	2155482	-155.2861	59.8941	468
SCH12-05 (Redrill of DDH 12547)	DDH 12548	524826	PEBBLE BEACH 5354	T3S	R35W	NW1/4, NW1/4, Sec 27	1404248	2155482	-155.2861	59.8941	1106
SCH12-04	DDH 12551	524827	PEBBLE BEACH 5355	T3S	R35W	NW1/4, NW1/4, Sec 27	1404755	2155201	-155.2833	59.8934	3006
EXK12-J	DDH 12552	668943	KAS 203	T6S	R37W	SE1/4, SW1/4, Sec 14	1356840	2067329	-155.5331	59.6502	497
DEV12-17	DDH 12555	516810	PEBBLE BEACH 5452	T3S	R35W	SW1/4, SE1/4, Sec 21	1401047	2156175	-155.3036	59.8958	1646
DEV12-31	DDH 12557	516873	PEEBLE BEACH 5352	T3S	R35W	NW1/4, NE1/4, Sec 28	1401030	2154754	-155.3036	59.8919	1188
DEV12-38	DDH 12559	516807	PEBBLE BEACH 5449	T3S	R35W	SE1/4, SR1/4, Sec20	1397973	2156124	-155.3204	59.8955	682
EXP12-S	DDH 12560	524787	PEBBLE BEACH 4348	T4S	R35W	NW1/4, SE1/4, Sec 5	1396504	2141929	-155.3268	59.8566	1479
DEV12-44	DDH 12561	516807	PEBBLE BEACH 5449	T3S	R35W	SE1/4, SE1/4, Sec 20	1397967	2156619	-155.3204	59.8969	1117
DEV12-45	DDH 12562	516807	PEBBLE BEACH 5449	T3S	R35W	SE1/4, SE1/4, Sec 20	1398001	2157011	-155.3203	59.8980	418
Geotechnical Boreholes											
MW12-45	GH12-304S	524781	PEBBLE BEACH 4153	T4S	R35W	NE1/4, NE1/4, Sec 9	1402270	2139773	-155.2952	59.8510	380
GH12-DA	GH12-305	540446	SILL 7947	T3S	R35W	SW1/4, SE1/4, Sec 14	1412261	2162097	-155.2432	59.9126	110
GH12-DB	GH12-306	540457	SILL 8146	T3S	R35W	SE1/4, NW1/4, Sec 14	1410424	2163763	-155.2533	59.9171	110
MW12-1	GH12-311S	516963	PEBBLE BEACH 4253	T4S	R35W	SE1/4, SE1/4, Sec 4	1402866	2141131	-155.2921	59.8548	250.5
MW12-37	GH12-313S	516809	PEBBLE BEACH 5451	T3S	R35W	SE1/4, SW1/4, Sec 21	1400246	2157018	-155.3081	59.8981	128
PW12-2	GH12-315S	516809	PEBBLE BEACH 5451	T3S	R35W	SE1/4, SW1/4, Sec 21	1400205	2156972	-155.3083	59.8980	160.2
GH12-DJ	GH12-326	516860	PEEBLE BEACH 5151	T3S	R35W	NE1/4, SW1/4, Sec 28	1399545	2152675	-155.3114	59.8862	350
GH12-DI	GH12-328	516855	PEEBLE BEACH 5052	T3S	R35W	SW1/4, SE1/4, Sec 28	1401506	2150880	-155.3006	59.8814	200
MW12-23	GH12-329S	524823	PEBBLE BEACH 5154	T3S	R35W	NW1/4, SW1/4, Sec 27	1404078	2152777	-155.2868	59.8867	92
GH12-AK	GH12-336S	516964	PEBBLE BEACH 4254	T4S	R35W	SW1/4, SW1/4, Sec 3	1403366	2140717	-155.2894	59.8537	259
GH12-AJ	GH12-337S	524781	PEBBLE BEACH 4153	T4S	R35W	NE1/4, NE1/4, Sec 9	1403020	2139641	-155.2911	59.8507	259
MW12-12	GH12-339S	516962	PEBBLE BEACH 4252	T4S	R35W	SW1/4, SE1/4, Sec 4	1401808	2140728	-155.2978	59.8536	359
CF12-06a	GH12-342	715315	RC 122	T8S	R26W	NE1/4, SW1/4, Sec 30	1682369	1991535	-153.7745	59.4516	250
GH12-CG	GH12-343S	566990	PEBBLE BEACH 6043	T3S	R35W	SE1/4, NW1/4, Sec 18	1389566	2164733	-155.3671	59.9186	130.5

Table 2. 2012 Pebble Exploration Project - Reclamation Status - Boreholes

ID		ADL		Seward - Meridian			NAD83 AK State Plane Zone 5		WGS84		Depth (ft)
Pre Site	Post Site	Number	Claim Name	Township	Range	Section	Easting (ft)	Northing (ft)	Longitude	Latitude	
GH12-CH	GH12-344S	531453	PEBBLE BEACH 5944	T3S	R35W	NW1/4, SE1/4, Sec 18	1391510	2163396	-155.3563	59.9151	165
GH12-CI	GH12-345S	531455	PEBBLE BEACH 5946	T3S	R35W	NW1/4, SW1/4, Sec 17	1393460	2163614	-155.3457	59.9158	200
CF12-06b	GH12-346	715315	RC 122	T8S	R26W	NE1/4, SW1/4, Sec 30	1682332	1991527	-153.7747	59.4516	76
GH12-CK	GH12-347S	531454	PEBBLE BEACH 5945	T3S	R35W	NE1/4, SE1/4, Sec 18	1392557	2162781	-155.3506	59.9134	180
CF12-02a	GH12-348	715302	RC 109	T8S	R26W	NW1/4, NW1/4, Sec 30	1681024	1994109	-153.7817	59.4586	165.5
CF12-02b	GH12-349	715302	RC 109	T8S	R26W	NW1/4, NW1/4, Sec 30	1681004	1994138	-153.7818	59.4587	45
CF12-10a	GH12-350	715289	RC 096	T8S	R26W	SE1/4, SE1/4, Sec 19	1685929	1997035	-153.7553	59.4666	165
GH12-DR	GH12-351S	531450	PEBBLE BEACH 5845	T3S	R35W	SE1/4, SE1/4, Sec 18	1392487	2162385	-155.3509	59.9123	170
CF12-10b	GH12-352	715289	RC 096	T8S	R26W	SE1/4, SE1/4, Sec 19	1685910	1997004	-153.7554	59.4665	35
CF12-14a	GH12-353	715247	RC 054	T8S	R27W	NW1/4, NE1/4, Sec 13	1678477	2004932	-153.7952	59.4883	135
GH12-CN	GH12-354S	531447	PEBBLE BEACH 5746	T3S	R35W	NW1/4, NW1/4, Sec 20	1393046	2161310	-155.3478	59.9094	256
CF12-14b	GH12-355	715247	RC 054	T8S	R27W	NW1/4, NE1/4, Sec 13	1678446	2004913	-153.7954	59.4882	38
GH12-CM	GH12-356S	531450	PEBBLE BEACH 5845	T3S	R35W	SE1/4, SE1/4, Sec 18	1391835	2162035	-155.3544	59.9114	250
GH12-CX	GH12-357S	540450	SILL 8045	T3S	R35W	NW1/4, SW1/4, Sec 14	1409402	2162987	-155.2588	59.9149	315

Notes

1 - Geotechnical boreholes: The "S" designation at the end of the Post Site ID means that the borehole was drilled using Sonic Drilling methods. If there is no "S" in the ID it was drilled using Mud Rotary methods.

2- Coordinates provided for Boreholes DDH 12557, GH12-351S, GH12-354S, GH12-356S, and GH12-357S were field checked using a hand-held GPS. A final survey will be conducted, when possible, during the 2013 field season.

Figures

- Figure 1 Location Map – PLP Claim Blocks
- Figure 2 Diamond Drill Locations – PLP Claim Blocks
- Figure 3 Geotechnical Drill Locations – PLP Claim Blocks
- Figure 4 Geotechnical Drill Locations – PLP Claim Block Rocky Cove
- Figure 5 Historical Boreholes Reclaimed in 2012

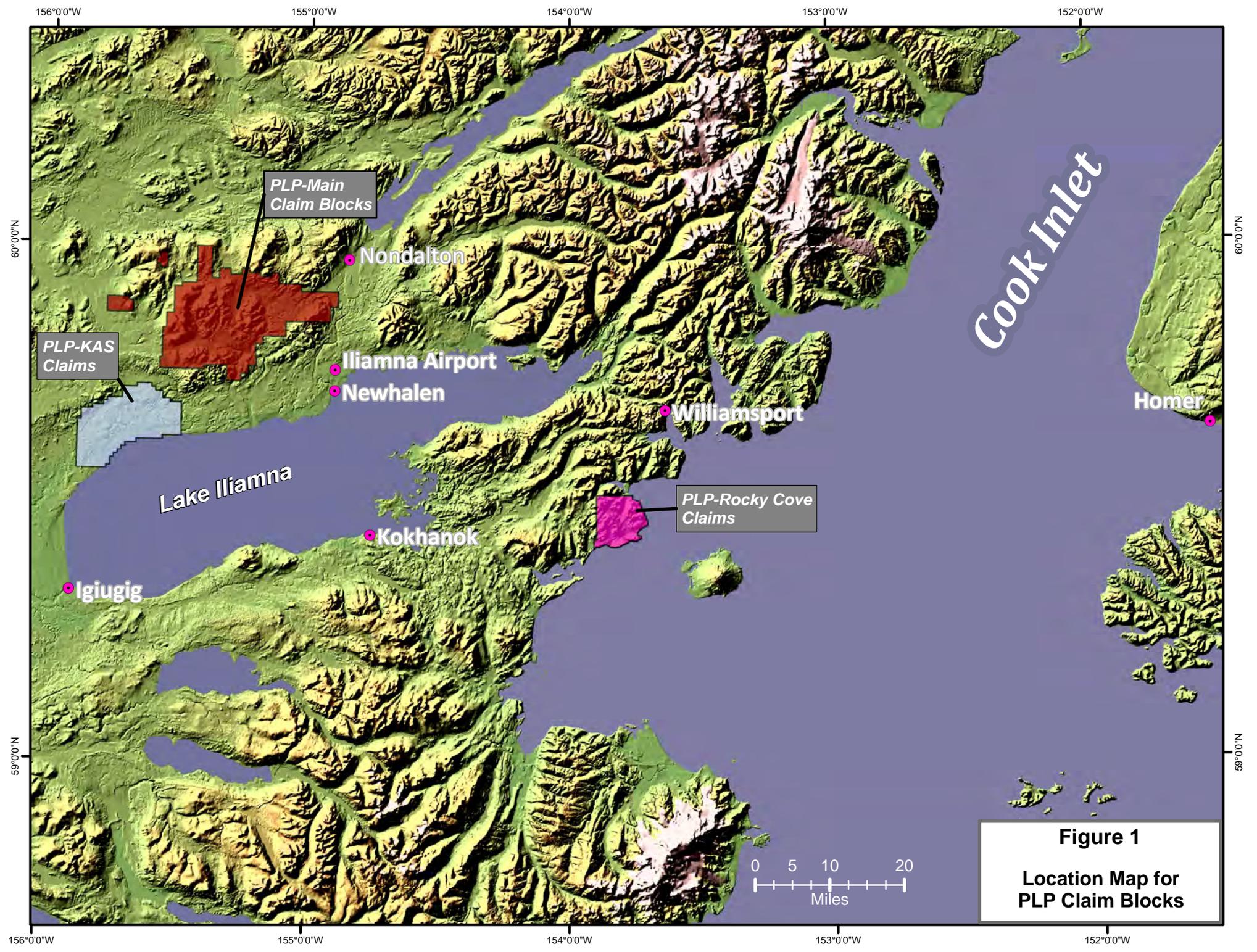
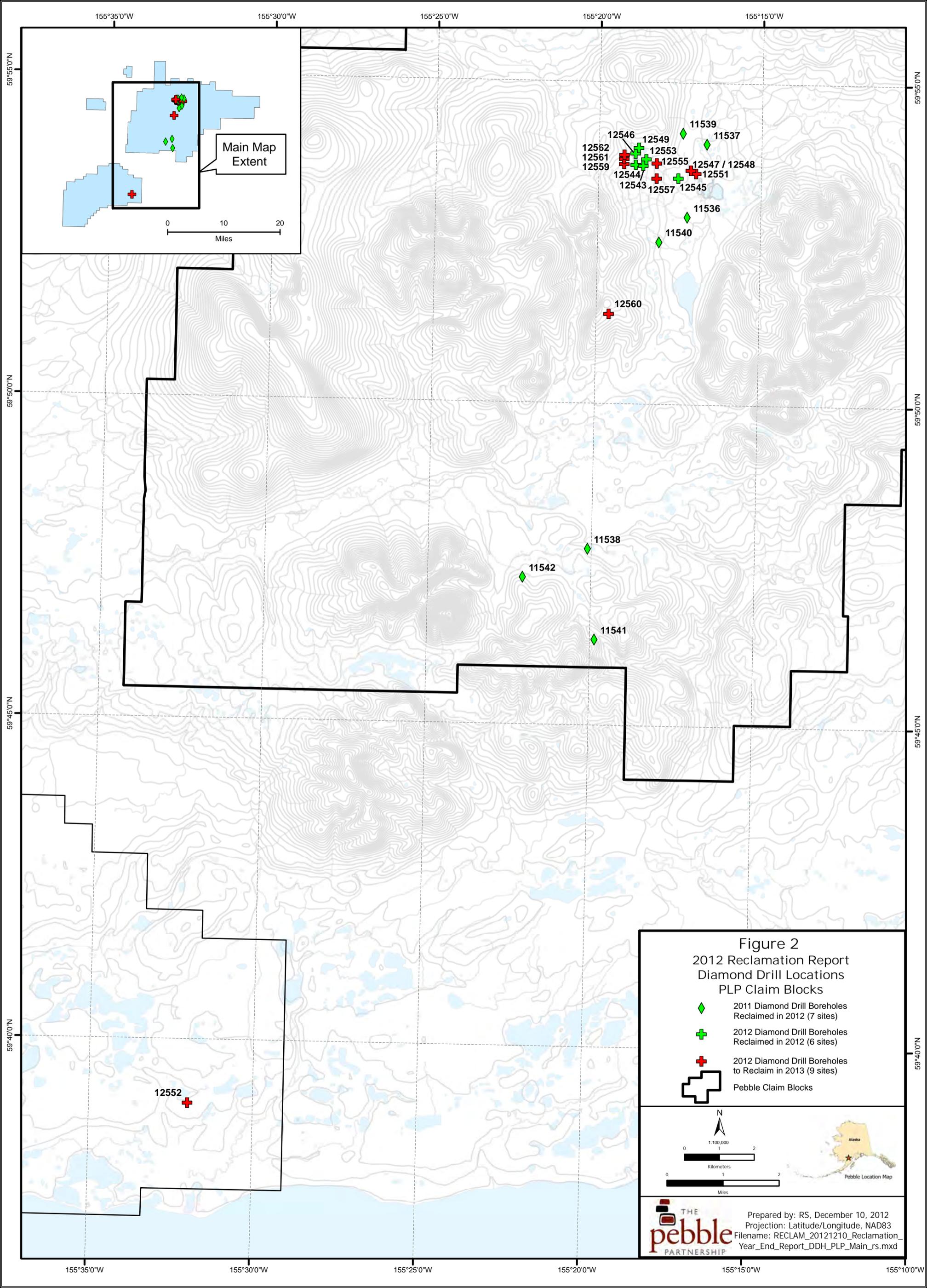


Figure 1
Location Map for
PLP Claim Blocks



Main Map
Extent

0 10 20
Miles

Figure 2
2012 Reclamation Report
Diamond Drill Locations
PLP Claim Blocks

- ◆ 2011 Diamond Drill Boreholes Reclaimed in 2012 (7 sites)
- + 2012 Diamond Drill Boreholes Reclaimed in 2012 (6 sites)
- + 2012 Diamond Drill Boreholes to Reclaim in 2013 (9 sites)
- Pebble Claim Blocks

N
0 1 2
Kilometers
0 1 2
Miles



Prepared by: RS, December 10, 2012
Projection: Latitude/Longitude, NAD83
Filename: RECLAM_20121210_Reclamation_Year_End_Report_DDHLPL_Main_rs.mxd

12552

12546 12549 11539
12562 12553 11537
12559 12544 12555 12547 / 12548
12543 12557 12545 12551

12560

11536
11540

11538

11542

11541

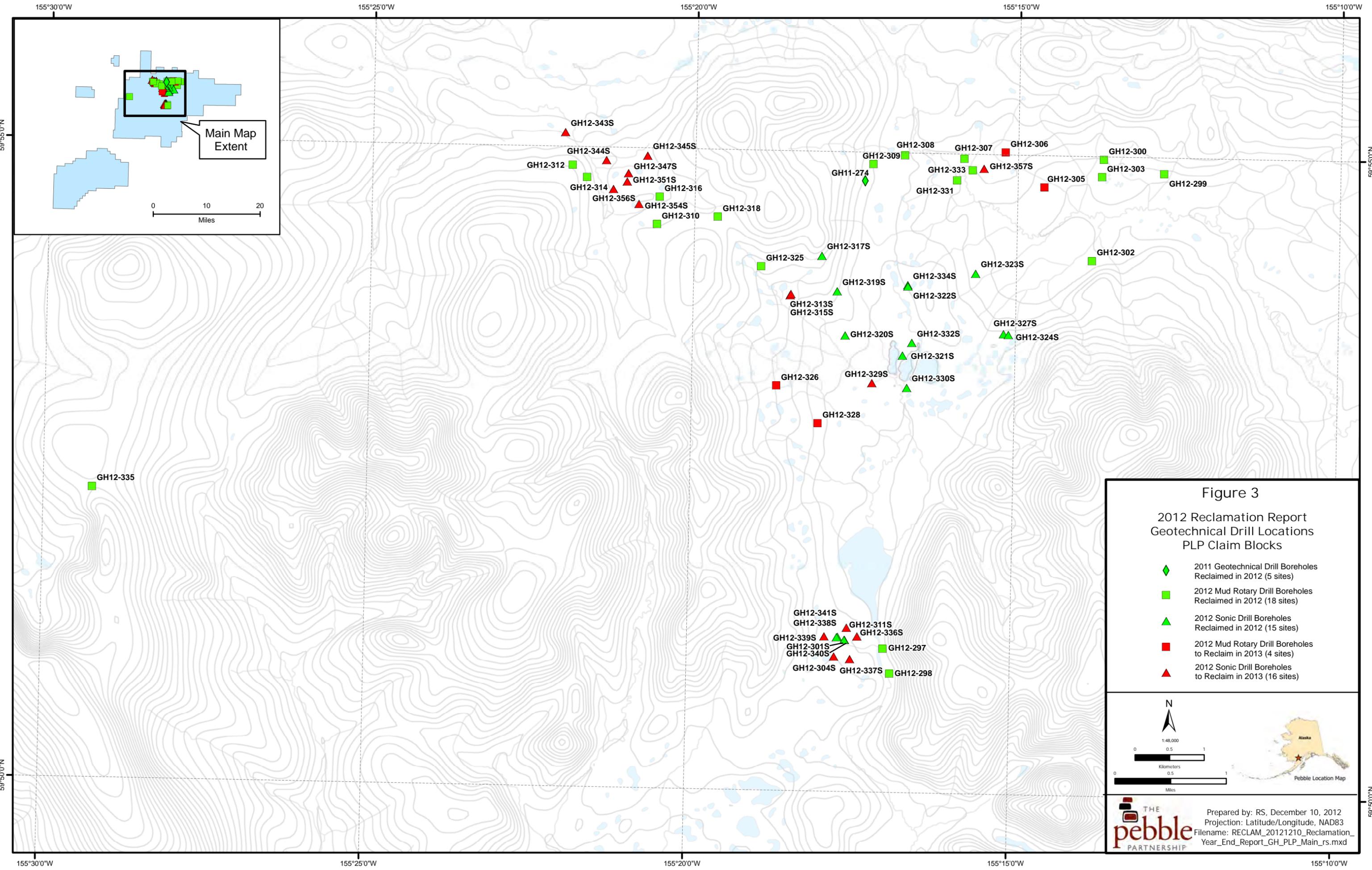


Figure 3

2012 Reclamation Report
Geotechnical Drill Locations
PLP Claim Blocks

-  2011 Geotechnical Drill Boreholes Reclaimed in 2012 (5 sites)
-  2012 Mud Rotary Drill Boreholes Reclaimed in 2012 (18 sites)
-  2012 Sonic Drill Boreholes Reclaimed in 2012 (15 sites)
-  2012 Mud Rotary Drill Boreholes to Reclaim in 2013 (4 sites)
-  2012 Sonic Drill Boreholes to Reclaim in 2013 (16 sites)



1:48,000



Kilometers



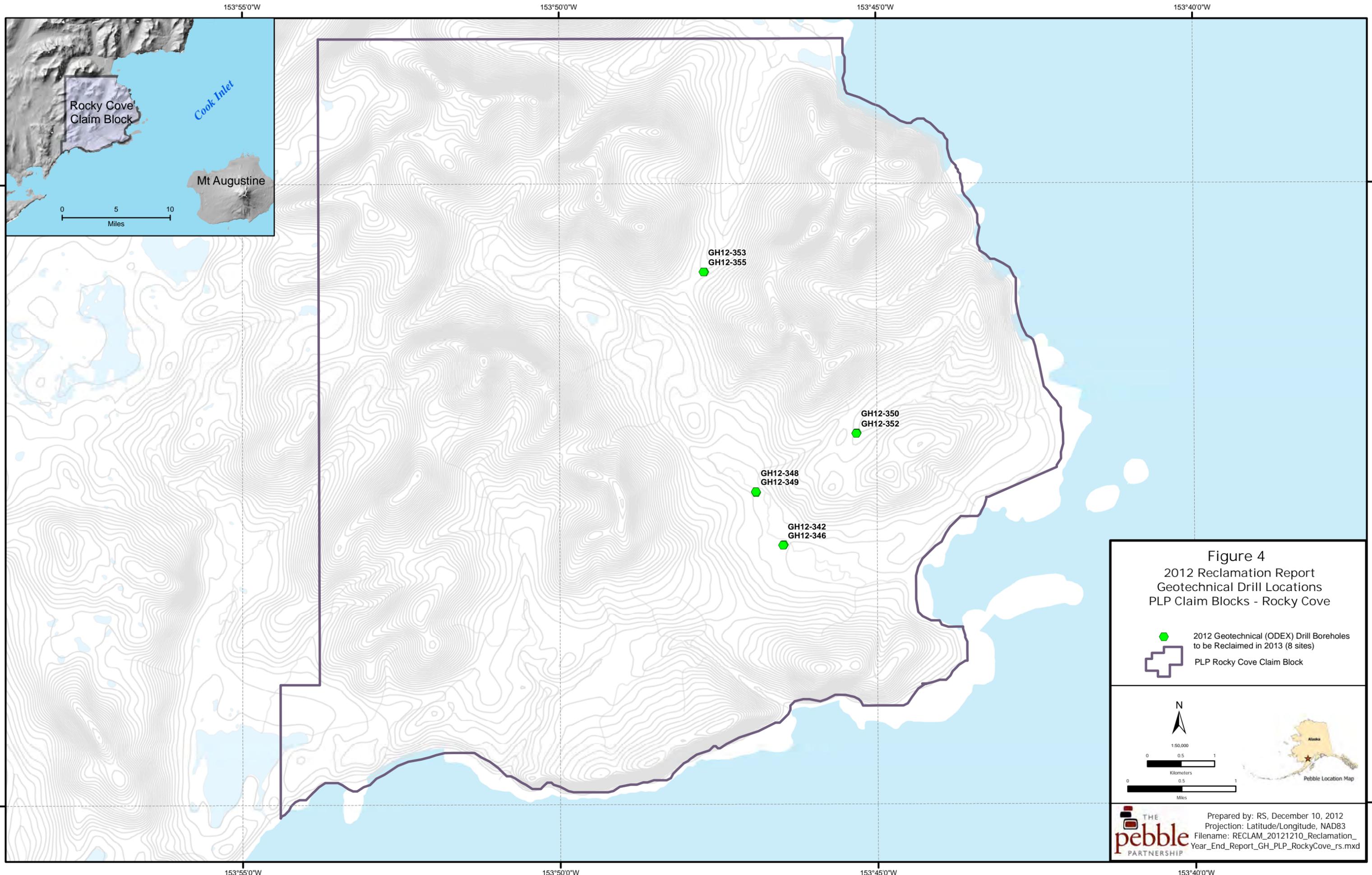
Miles



Pebble Location Map



Prepared by: RS, December 10, 2012
Projection: Latitude/Longitude, NAD83
Filename: RECLAM_20121210_Reclamation_Year_End_Report_GH_PLP_Main_rs.mxd



GH12-353
GH12-355

GH12-350
GH12-352

GH12-348
GH12-349

GH12-342
GH12-346

Figure 4
 2012 Reclamation Report
 Geotechnical Drill Locations
 PLP Claim Blocks - Rocky Cove

-  2012 Geotechnical (ODEX) Drill Boreholes to be Reclaimed in 2013 (8 sites)
-  PLP Rocky Cove Claim Block

N

1:50,000

0 0.5 1

Kilometers

0 0.5 1

Miles



Alaska

Pebble Location Map

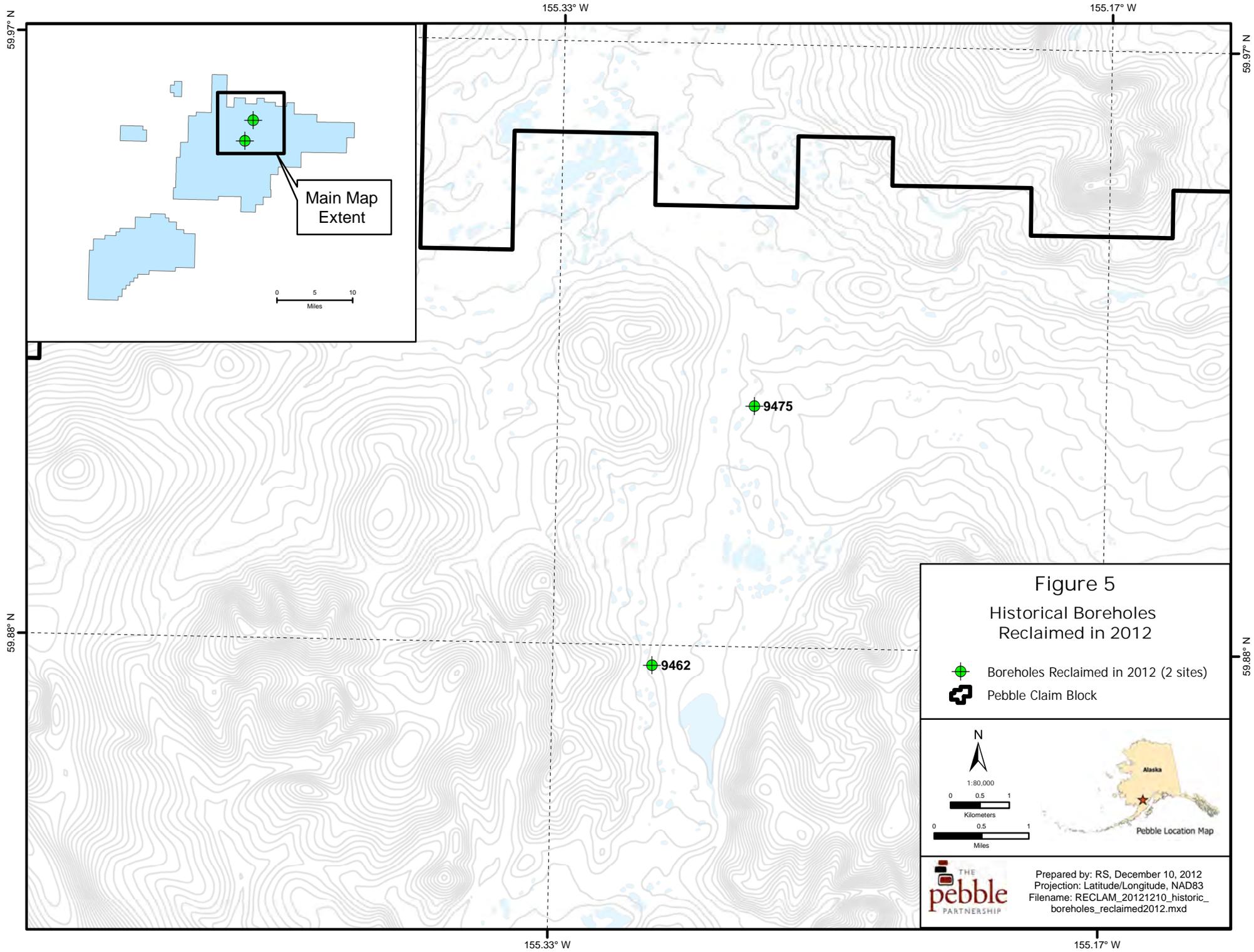
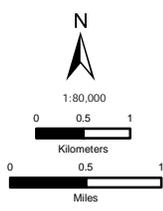


Figure 5
Historical Boreholes
Reclaimed in 2012

-  Boreholes Reclaimed in 2012 (2 sites)
-  Pebble Claim Block



Prepared by: RS, December 10, 2012
 Projection: Latitude/Longitude, NAD83
 Filename: RECLAM_20121210_historic_boreholes_reclaimed2012.mxd



Appendix A

Representative Photographs of Typical Reclaimed Sites



Photo 1: DDH 11537 – Drilled 2011 / Reclaimed 2012; Photo Taken Post Drilling on 11 October 2011; Looking East.



Photo 2: DDH 11537 – Photo Taken Post Reclamation on 18 September 2012; See Photo 1 for Reference; Looking East.



Photo 3: DDH 11538 – Drilled 2011 / Reclaimed 2012; Photo Taken Post Drilling on 27 October 2011; Looking West.



Photo 4: DDH 11538 – Photo Taken Post Reclamation on 17 July 2012; See Photo 3 for Reference; Looking West.



Photo 5: DDH 11539 – Drilled 2011 / Reclaimed 2012; Photo Taken Post Drilling on 26 October 2011; Looking North.

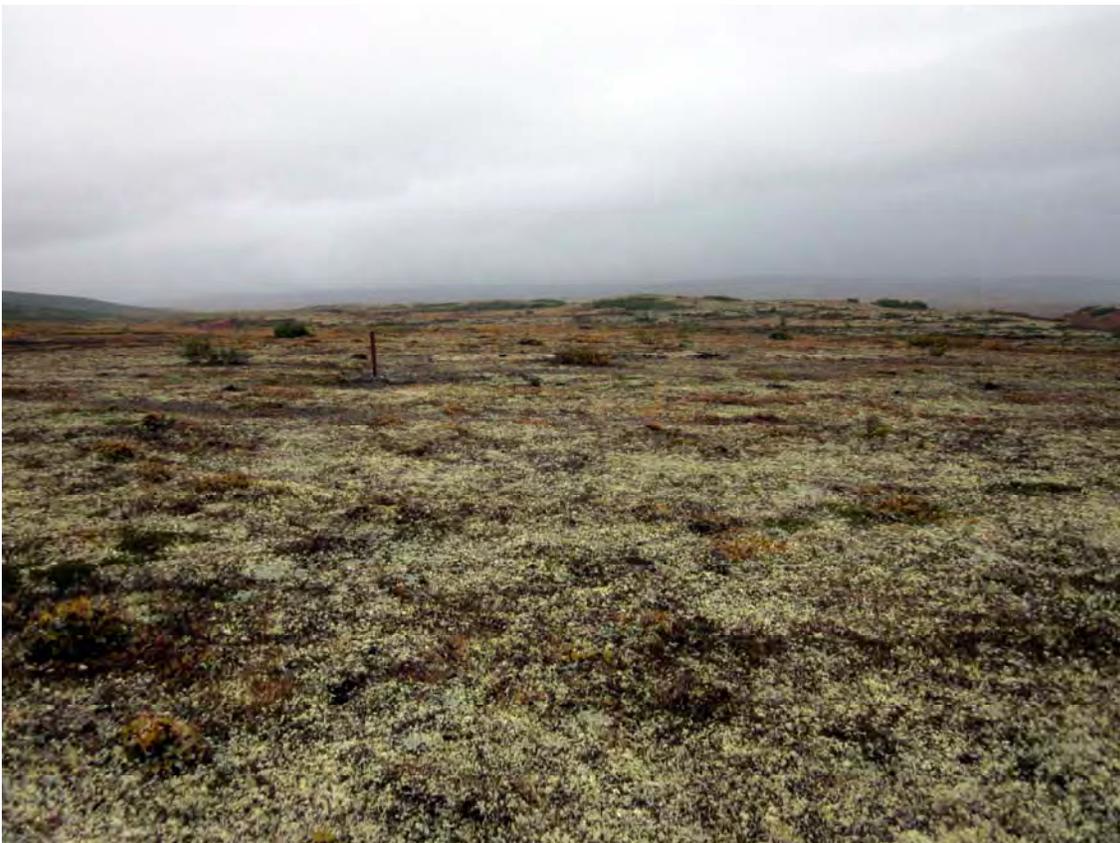


Photo 6: DDH 11539 – Photo Taken Post Reclamation on 18 September 2012; See Photo 5 for Reference; Looking North.



Photo 7: DDH 12543 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 23 July 2012; Looking East.



Photo 8: DDH 12543 – Photo Taken Post Reclamation on 10 September 2012; See Photo 7 for Reference; Looking East.



Photo 9: DDH 12544 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 23 July 2012; Looking East.



Photo 10: DDH 12544 – Photo Taken Post Reclamation on 10 September 2012; See Photo 9 for Reference; Looking East.



Photo 11: DDH 12545 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 26 July 2012; Looking West.



Photo 12: DDH 12545 – Photo Taken Post Reclamation on 15 September 2012; See Photo 11 for Reference; Looking West.



Photo 13: DDH 12546 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 23 July 2012; Looking East.



Photo 14: DDH 12546 – Photo Taken Post Reclamation on 7 October 2012; See Photo 13 for Reference; Looking East.



Photo 15: DDH 12553 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 8 October 2012; Looking East.



Photo 16: DDH 12553 – Photo Taken Post Reclamation on 11 October 2012; See Photo 15 for Reference; Looking East.



Photo 17: GH11- 265S – Drilled 2011 / Reclaimed 2012; Photo Taken Pre-Drilling on 3 September 2011; Looking South.



Photo 18: GH11-265S – Photo Taken Post Reclamation on 24 July 2012; See Photo 17 for Reference; Looking South.



Photo 19: GH11-266S – Drilled 2011 / Reclaimed 2012; Photo Taken Pre-Drilling on 9 August 2011; Looking East.



Photo 20: GH11-266S – Photo Taken Post Reclamation on 24 July 2012; See Photo 19 for Reference; Looking East.



Photo 21: GH11-274 – Drilled 2011/ Reclaimed 2012; Photo Taken Post Drilling on 22 September 2011; Looking East.



Photo 22: GH11-274 – Photo Taken Post Reclamation on 27 July 2012; See Photo 21 for Reference; Looking East.



Photo 23: GH11-285S – Drilled 2011 / Reclaimed 2012; Photo Taken Post Drilling on 28 September 2011; Looking West.



Photo 24: GH11-285S – Photo Taken Post Reclamation on 24 July 2012; See Photo 23 for Reference; Looking West.



Photo 25: GH12-297 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 22 July 2012; Looking West.



Photo 26: GH12-297 – Photo Taken Post Reclamation on 15 August 2012; See Photo 25 for Reference; Looking West.



Photo 27: GH12-298 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 22 July 2012; Looking West.



Photo 28: GH12-298 – Photo Taken Post Reclamation on 15 August 2012; See Photo 27 for Reference; Looking West.



Photo 29: GH12-301S – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 22 July 2012; Looking West.



Photo 30: GH12-301S – Photo Taken Post Reclamation on 24 September 2012; See Photo 29 for Reference; Looking West.

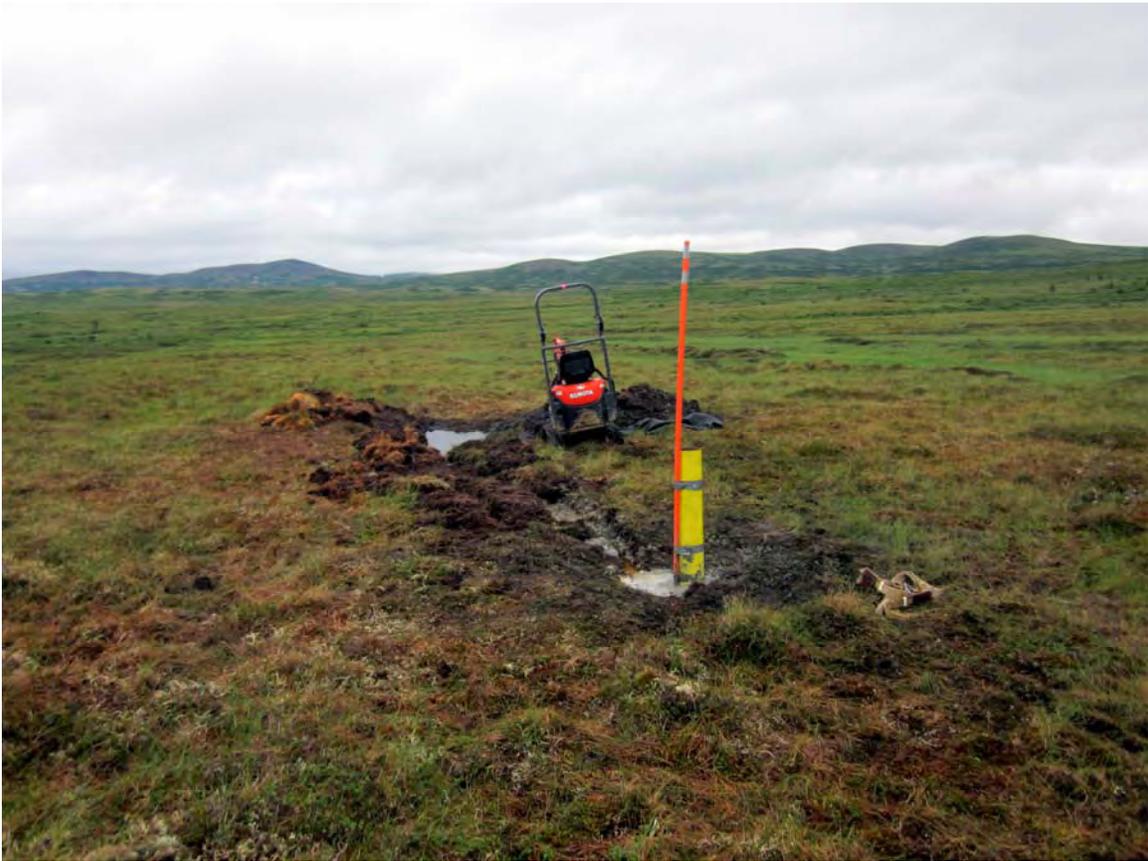


Photo 31: GH12-303 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 29 July 2012; Looking West.



Photo 32: GH12-303 – Photo Taken Post Reclamation on 14 August 2012; See Photo 31 for Reference; Looking West.



Photo 33: GH12-308 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 1 September 2012; Looking East.



Photo 34: GH12-308 – Photo Taken Post Reclamation on 27 September 2012; See Photo 33 for Reference; Looking East.



Photo 35: GH12-309 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 27 September 2012; Looking West.



Photo 36: GH12-309 – Photo Taken Post Reclamation on 27 September 2012; See Photo 35 for Reference; Looking West.

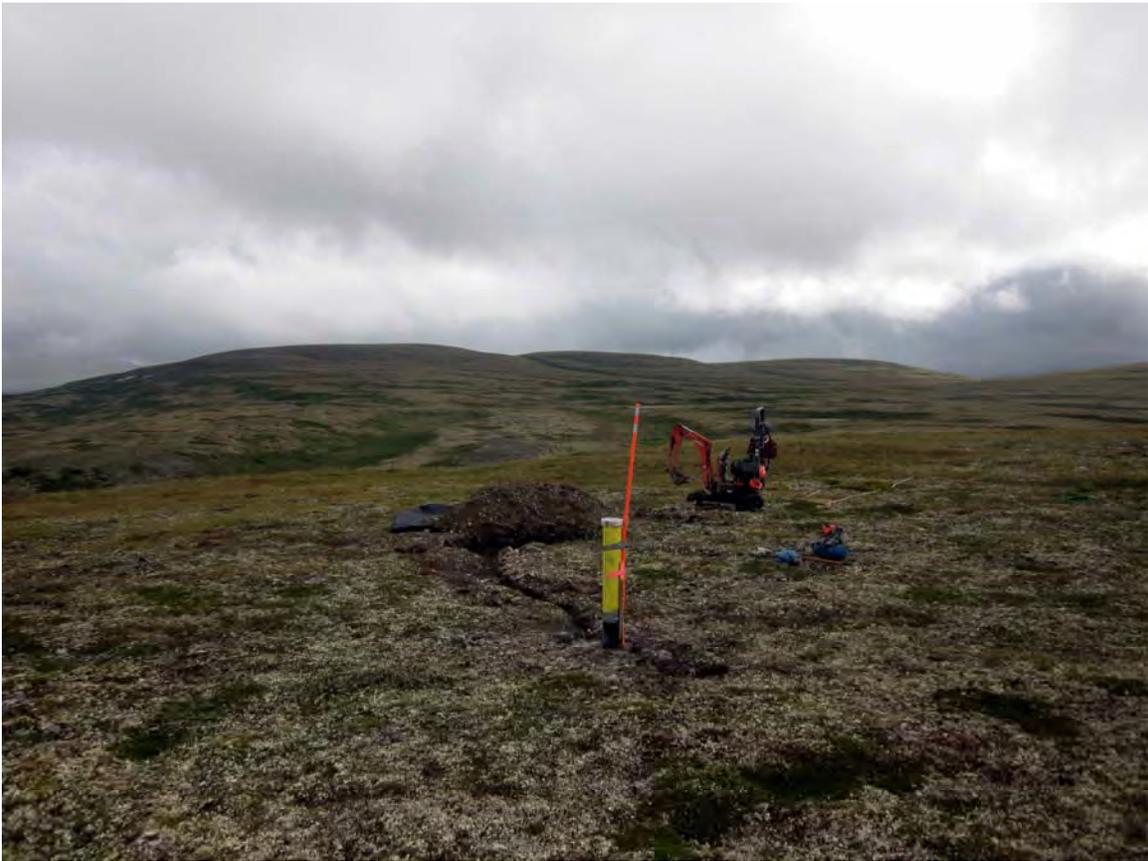


Photo 37: GH12-312 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 20 August 2012; Looking East.

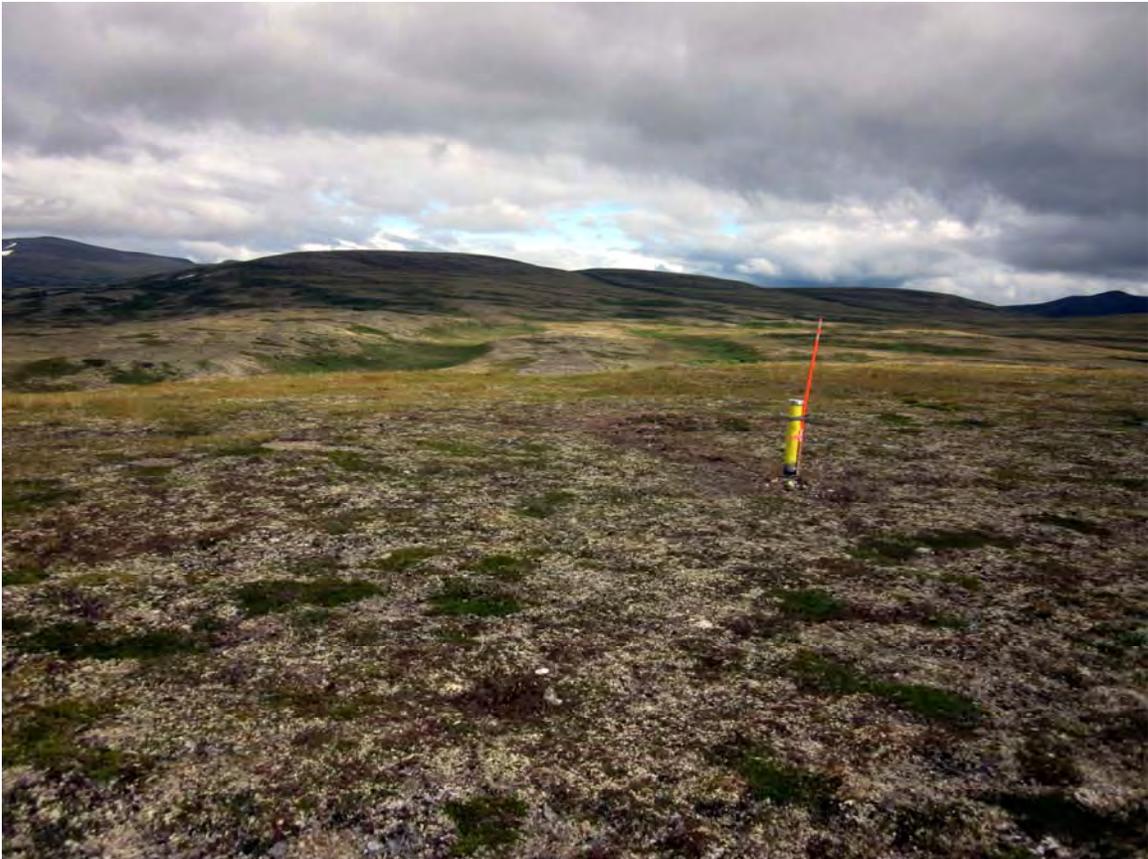


Photo 38: GH12-312 – Photo Taken Post Reclamation on 20 August 2012; See Photo 37 for Reference; Looking East.



Photo 39: GH12-314 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 20 August 2012; Looking East.



Photo 40: GH12-314 – Photo Taken Post Reclamation on 20 August 2012; See Photo 39 for Reference; Looking East.



Photo 41: GH12-316 – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 18 August 2012; Looking North.

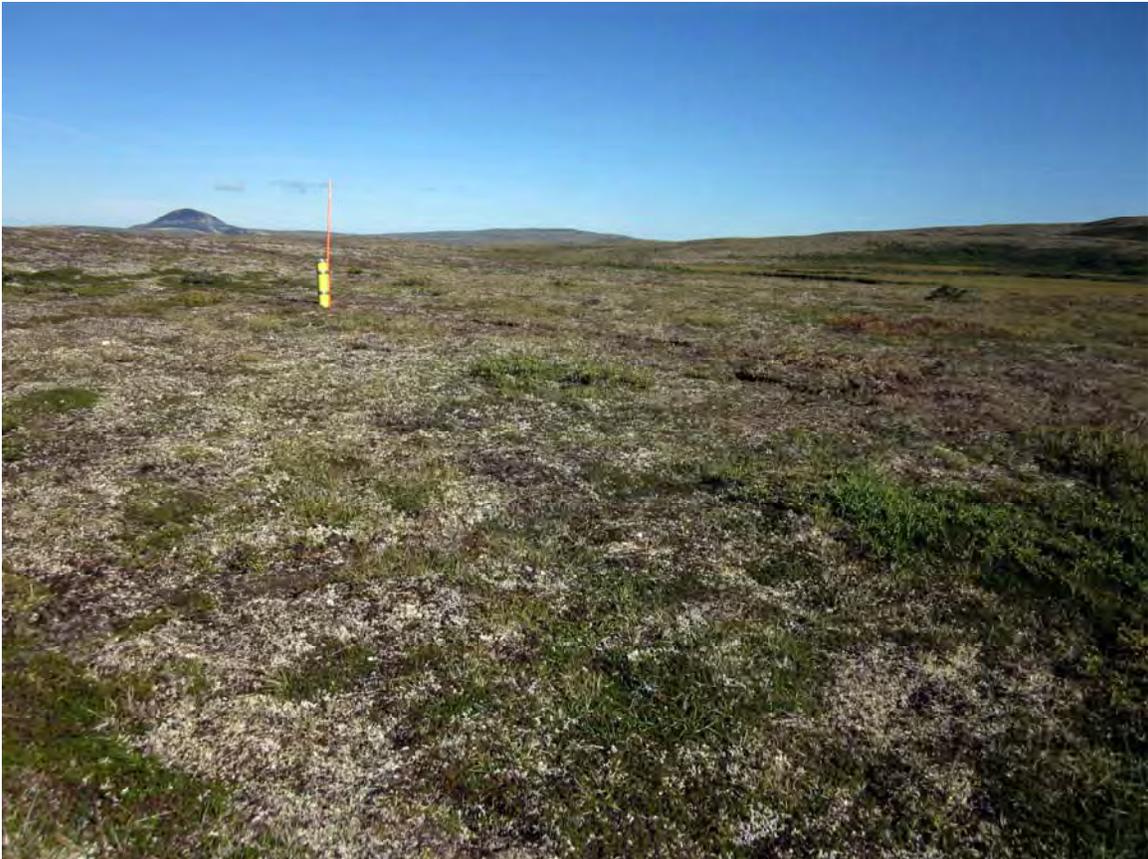


Photo 42: GH12-316 – Photo Taken Post Reclamation on 21 August 2012; See Photo 41 for Reference; Looking North.



Photo 43: GH12-330S – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 23 August 2012; Looking South.



Photo 44: GH12-330S – Photo Taken Post Reclamation on 19 September 2012; See Photo 43 for Reference; Looking South.



Photo 45: GH12-332S – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 18 September 2012; Looking South.



Photo 46: GH12-332S – Photo Taken Post Reclamation on 18 September 2012; See Photo 45 for Reference; Looking South.



Photo 47: GH12-334S – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 25 August 2012; Looking East.



Photo 48: GH12-334S – Photo Taken Post Reclamation on 18 September 2012; See Photo 47 for Reference; Looking East.

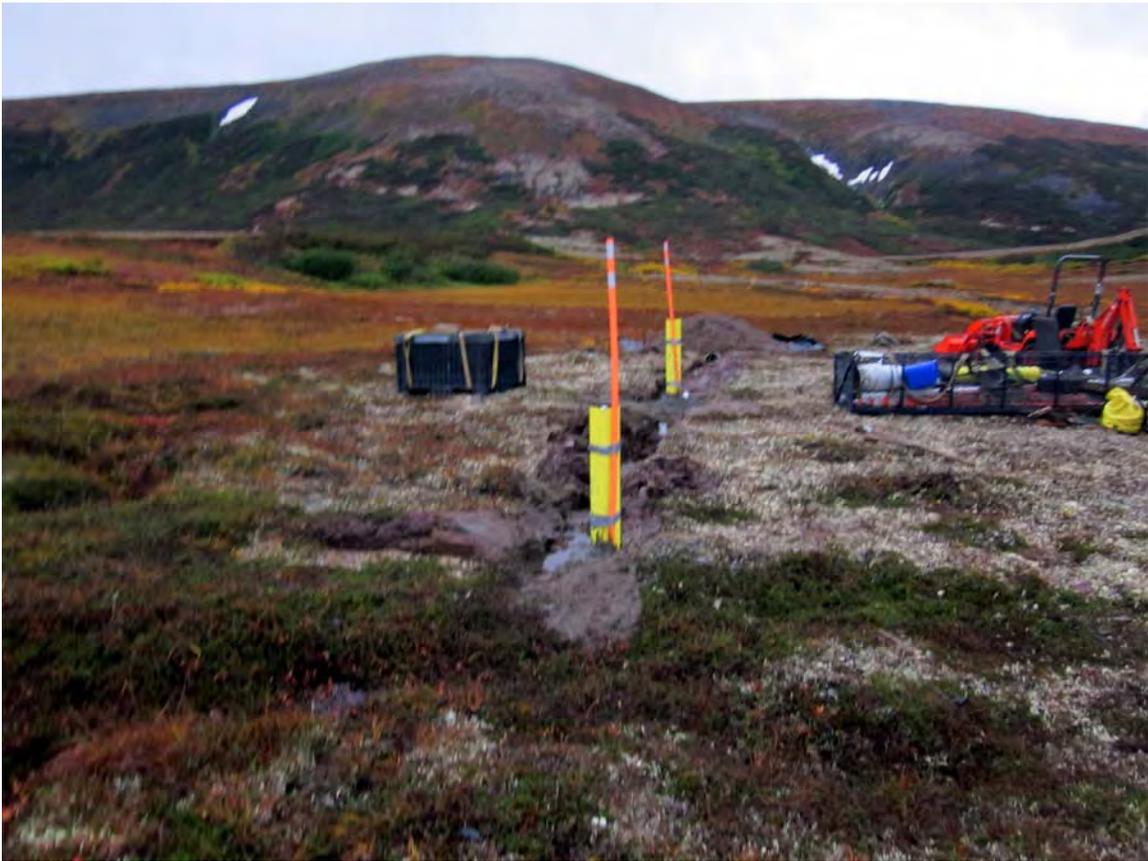


Photo 49: GH12-338S – Drilled / Reclaimed 2012; Photo Taken Post Drilling on 22 September 2012; Looking East.



Photo 50: GH12-338S – Photo Taken Post Reclamation on 26 September 2012; See Photo 49 for Reference; Looking East.



Appendix B

2012 Annual Reclamation Statement

2012 ANNUAL RECLAMATION STATEMENT

for
SMALL MINES

APMA # A126118

Complete and return this statement by December 31, 2012. If you did not operate, fill in name, check bottom box, sign and return form.

In accordance with AS 27.19 (Reclamation Act):

I, Tom Jordan, Director of Site Operations hereby file an annual reclamation statement for the 2012 mining operation described in subject Annual Placer Mining Application. **(Submission of this statement does not constitute reclamation approval.)**

Volume of material disturbed in 2012: NA cubic yards (includes strippings and processed material).

Total acreage disturbed in 2012: 0.23 acres. (Includes stripped areas, mining cuts, overburden and tailing stockpiles and disposal areas, temporary stream diversions, stream bypasses, and settling ponds). **Federal** operators should include area of camp and access roads.

Length NA feet and Width NA feet of stream diversion.

Stream diversion: [] Temporary [] Permanent (check one).

Total area reclaimed in 2012: 0.17 acres. Note: includes 0.06 acres disturbed in 2011 field season.

Total unreclaimed acres: 0.12. (This should match "total acreage currently disturbed" on the Reclamation/Signature page of your 2013 APMA)

For the areas reclaimed, the following reclamation measures were used (check only measures that were used). You must include photographs or videotapes of the completed reclamation work:

- Spread and contoured ~~tailings~~ disturbed mineral soil.
- Spread topsoil, vegetation, overburden muck or fines on the surface of contoured ~~tailings~~ disturbed mineral soil.
- Reestablished flood plain with stream channel in stable position
- Backfilled and reclaimed temporary stream diversions
- Camp removed, cleaned up and left free of debris

Other reclamation measures taken: Tailings typically imply materials left over after the process of separating the valuable fraction from the worthless fraction of an ore while mining. Given that the Pebble Project is currently in the exploration phase there are no tailings generated; therefore, in two instances above the word "tailings" has been replaced with the words "disturbed mineral soil."

I did not operate in 2012 and therefore did not conduct reclamation.



Signed _____

16 January 2013
Date

Note: Submittal of this form meets the Army Corps of Engineers requirement for an annual report.



Appendix C

Certificate of Author

CERTIFICATE OF AUTHOR

Jeffrey B. Norberg, B.Sc., Geo.
JBN Consultants, Inc.
PO Box 772422
Eagle River, Alaska 99577
Phone 907-240-2040, jbn.consultants.inc@gmail.com

I, Jeff Norberg B.Sc., of the city of Eagle River, Alaska hereby certify that:

1. I am President of JBN Consultants Inc, with a business office in Eagle River, Alaska. I was contracted by Pebble Limited Partnership to carry out site reclamation on the Pebble property, Alaska, USA in 2012.

2. I am a graduate of University of Arizona (B.Sc. Geology, 1993).

3. I have practiced my profession, as a Geologist, continuously since graduation. I have been involved at a senior level in environmental projects managing and implementing: on-site geological/ hydrogeological field investigations; construction/ remediation projects; and site audits for federal, state, municipal, and private sector clients throughout Alaska and the conterminous United States.

4. I am an Instructor for the Mining and Petroleum Training Service (MAPTS) program with the University of Alaska-Soldotna teaching Hazardous Waste Operations and Emergency Response (HAZWOPER) courses throughout the state.

5. I was a Regulatory Project Manger for Alaska Department of Environmental Conservation (Anchorage) between 2004 and 2007. My responsibilities included technical review and provided State approval for environmental projects; negotiations; community relations; and site inspections to ensure that site work was completed in accordance with Alaska State and Federal laws, regulations, and guidance to mitigate risk to human and ecological receptors.

5. I am author of this report entitled “2012 Annual Reclamation Report – The Pebble Project Iliamna, Alaska.”

6. I have worked as a contractor on the Pebble property since September 2007 and have been actively involved in the drilling programs since that time.

7. I am not aware of any material fact or change with respect to the subject matter of this Report, which is not reflected in the Report, and the omission of which would make the Report misleading.

8. I consent to the use of this report as the Annual Reclamation Report for the year-end filing of Pebble Limited Partnership.

Signed in Eagle River, Alaska on the 16th day of January, 2013

/s/ Jeffrey B. Norberg, President JBN Consultants, Inc.

Jeffrey B. Norberg, B.Sc. Geo.