

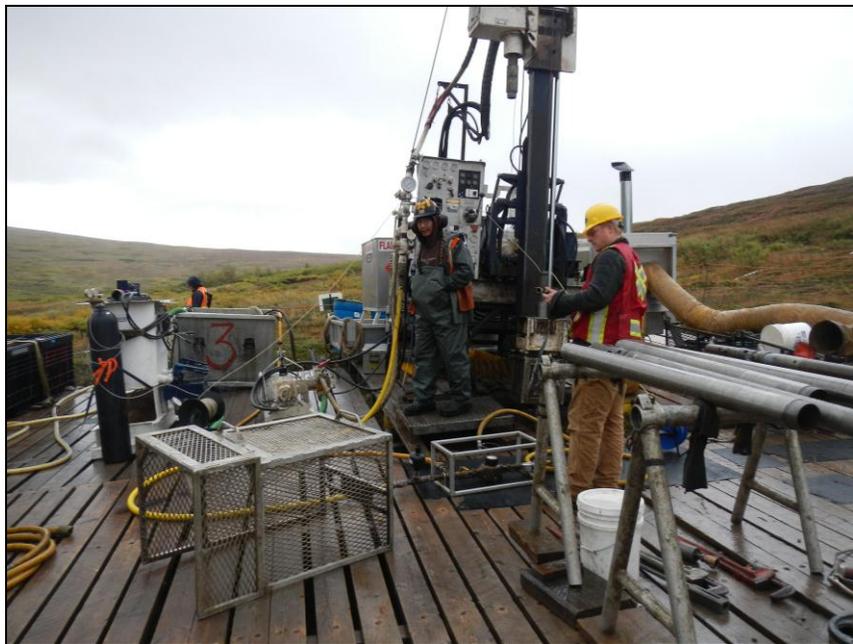
Field Monitoring Report -- Pebble Copper/Gold Exploration Project --

Personnel: Jeanette Alas (ADF&G)	Inspection Date: September 9, 2013
	Site Contact: Jeff Norberg, Manager, Site Compliance and Reclamation, PLP
	APMA #: A136118
■ Inspection Type:	■ Wildlife Observed: None
○ Complete: One active rig site (GH13-383)	○ Bear:
○ Partial: Two reclamation sites (GH 13-358 and GH 13-376)	○ Caribou:
○ Follow-up:	○ Moose:
○ Response to Public Complaint:	○ Waterfowl:
	○ Fish:
■ Weather Conditions:	○ Other:
○ Temperature: 52°F	
○ Wind: 18 mph	
○ Precipitation: Rain	
○ Visibility: Varied	
○ Sky Conditions: Overcast	
○ Ground Conditions: Wet	
<p>■ Comments: Active rig site looked clean and no issues were encountered. No problems were visible from the air for the two reclamation sites.</p>	
<p>■ Recommendations: None</p>	
<p>■ Actions Needed: None</p>	

Drill Hole/Site No.: GH 13-383	Date: September 9, 2013
Rig No.: 4	Time: 3:49 PM
Activity: Packer test. Depth about 100 ft	
<ul style="list-style-type: none"> ■ Condition of Drilling Site: See Photograph 1 	<ul style="list-style-type: none"> ■ Sump Pit (continued):
<ul style="list-style-type: none"> ○ Distance from waterbody: ~1,500 ft 	<ul style="list-style-type: none"> ○ Location and extent of discharged material: ~200 ft northeast of rig (Photograph 4)
<ul style="list-style-type: none"> ○ Location of fuel storage: Adjacent to rig 	<ul style="list-style-type: none"> ○ Topsoil, muck, tundra stockpiled: Yes
<ul style="list-style-type: none"> ○ Sorbent pads present: Yes 	<ul style="list-style-type: none"> ○ Hose color: White
<ul style="list-style-type: none"> ○ Tundra mat: Yes (see Photograph 2) 	
<ul style="list-style-type: none"> ○ Pipe off tundra: Yes 	<ul style="list-style-type: none"> ■ Drill Water Supply:
<ul style="list-style-type: none"> ○ Litter: One piece of cardboard when walking to water source. 	<ul style="list-style-type: none"> ○ Stream, lake/pond: Unnamed tributary to South Fork Koktuli River
<ul style="list-style-type: none"> ○ Trash containment: Yes 	<ul style="list-style-type: none"> ○ Location: About 1,500 ft northwest and downhill of rig.
<ul style="list-style-type: none"> ○ Sanitary facilities: Yes, privy 	<ul style="list-style-type: none"> ○ Adequate water flow and depth for fish passage in streams: Yes
<ul style="list-style-type: none"> ○ Any spills or staining: None 	<ul style="list-style-type: none"> ○ Evidence of significant impacts to riparian vegetation or stream banks: None
<ul style="list-style-type: none"> ○ General impression: Clean 	<ul style="list-style-type: none"> ○ General impression of water body (i.e. clear, turbid, tannic): Tannic
	<ul style="list-style-type: none"> ○ Intake description: ADF&G-approved screened intake (see Photograph 5)
<ul style="list-style-type: none"> ■ Drilling Activity: 	<ul style="list-style-type: none"> ○ Structure clear of debris: Yes
<ul style="list-style-type: none"> ○ Drill additives in use: Bentonite used in overburden only. Not currently in use. 	<ul style="list-style-type: none"> ○ Mesh size: 1 mm x 12 mm, per J. Norberg. Consistent with 0.04 inch mesh size for Group A fish.
<ul style="list-style-type: none"> ○ Recirculation tank: Yes 	<ul style="list-style-type: none"> ○ Submerged: Yes
<ul style="list-style-type: none"> ○ Water discharged: Yes 	<ul style="list-style-type: none"> ○ Fuel/generator location to source: ~105 ft (did not have measuring tape; distance estimated by stride length) (see Photograph 6)
<ul style="list-style-type: none"> ○ Artesian zone encountered: None 	<ul style="list-style-type: none"> ○ Catch basin for fuel supply: Yes
	<ul style="list-style-type: none"> ○ Sorbent pads: Yes
<ul style="list-style-type: none"> ■ Sump Pit: Yes, one pit (see Photograph 3) 	<ul style="list-style-type: none"> ○ Hose color: Light yellow
<ul style="list-style-type: none"> ○ Location: Adjacent to rig and tundra mat 	
<ul style="list-style-type: none"> ○ Discharge trench: Yes 	<ul style="list-style-type: none"> ■ Other Comments:
<ul style="list-style-type: none"> ○ Dimensions of pit: about 5 ft by 6 ft 	
<ul style="list-style-type: none"> ○ In use: Yes 	



Photograph 1: View of rig site from sump discharge (GH 13-383).



Photograph 2: Drill rig on tundra mat (GH 13-383).



Photograph 3: Sump pit with tundra mat in background and topsoil pile to left (GH 13-383).



Photograph 4: Discharge from sump pit (GH 13-383).



Photograph 5: Water intake with signage (GH 13-383).

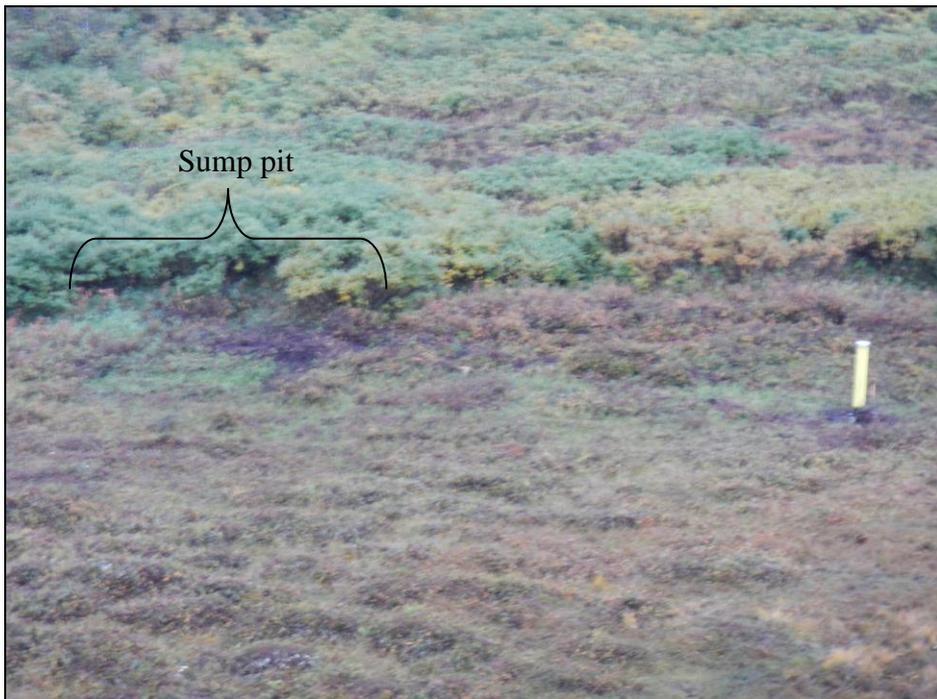


Photograph 6: Fuel/generator and tundra pad for water intake (GH 13-383).

Abandoned Drill Hole/Site No.: GH 13-358	Date: September 9, 2013
	Time: 3:40 PM
■ Plugged: Yes (per J. Norberg)	
■ Cemented: Grout and cement (per J. Norberg)	
■ Standing pipe: Yes (see Photograph 7)	
■ Sump pit filled in: Yes (see Photograph 8)	
■ Water discharge trench filled in: Yes	
■ Site revegetated: Yes (see Photograph 8)	
■ Date revegetated/reclaimed: August 12, 2013 (per J. Norberg)	
■ Artesian water present: None visible from the air.	
■ Any spills or staining: None visible from the air.	
■ Comments/General impression: We flew over this site and I did an aerial inspection only. Site looked good from the air (see Photographs 7-8).	

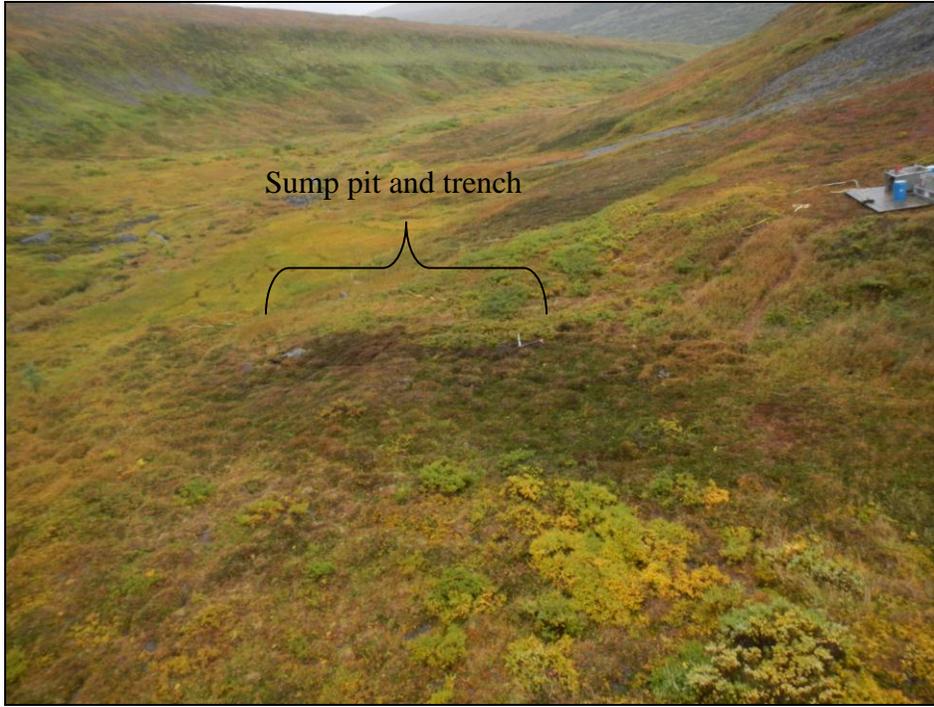


Photograph 7: Reclaimed site (GH 13-358).



Photograph 8: Revegetated sump pit (GH 13-358).

Abandoned Drill Hole/Site No.: GH 13-376	Date: September 9, 2013
	Time: 3:41 PM
<ul style="list-style-type: none"> ■ Plugged: Yes (per J. Norberg) ■ Cemented: Yes (per J. Norberg) ■ Standing pipe: Yes ■ Sump pit filled in: Yes (see Photograph 9) ■ Water discharge trench filled in: Yes ■ Site revegetated: Yes (see Photograph 9) ■ Date revegetated/reclaimed: August 30, 2013 (per J. Norberg) ■ Artesian water present: None visible from the air. ■ Any spills or staining: None visible from the air. ■ Comments/General impression: We flew over this site and I did an aerial inspection only. Site looked good from the air (see Photograph 9). 	



Photograph 9: Reclaimed site (GH 13-376).