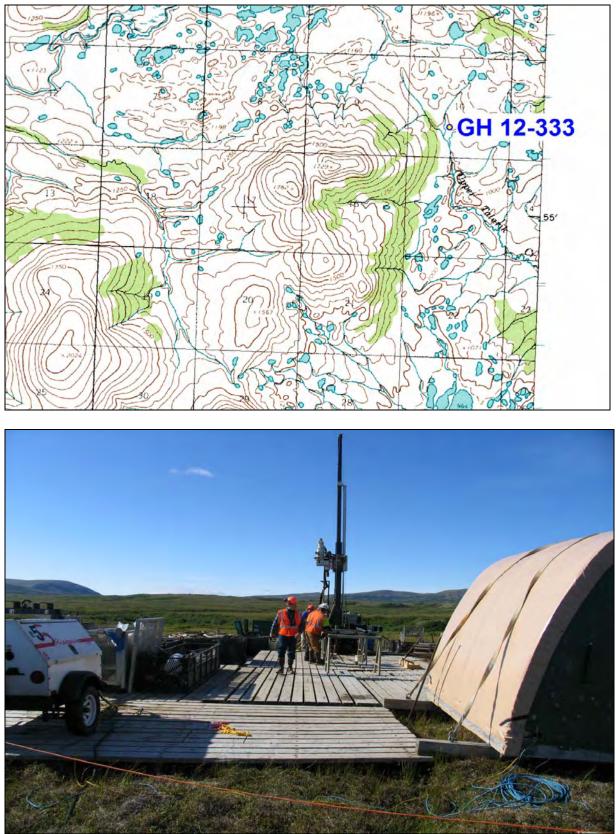
#### Field Monitoring Report -- Pebble Copper/Gold Exploration Project --

Personnel: Kerwin Krause & Jim Renkert (DNR/DMLW) & Jeff Norberg (Manager, Site Compliance & Reclamation, PLP)	Inspection Date: August 21, 2012
	Site Contact: Jeff Norberg & Tom Jordan
	APMA #s: A126118 (GH 12-3333 and DDH 12551), A122788 (DDH 12550) & A113111 (DDH 12552)
Inspection Type:	■ Wildlife Observed:
o Complete: X (GH 12-3333 & DDH 12551)	o Bear: X (Several Brown)
$_{\odot}$ Partial: X (DDH 12550 and DDH 12552)	o Caribou:
o Follow-up:	o Moose: X (Several)
<ul> <li>Response to Public Complaint:</li> </ul>	o Waterfowl: X (Swans)
	o Fish: X
Weather Conditions:	o Other: X (Ground Squirrels)
o Temperature: 50 F	
<ul> <li>Wind: None to Moderate</li> </ul>	
o Precipitation: No	
<ul> <li>○ Visibility: Good</li> </ul>	
<ul> <li>Sky Conditions: Sunny</li> </ul>	
o Ground Conditions: Dry	

- Comments: 4 drill sites were inspected (see attached maps). The 1<sup>st</sup> site was geotechnical hole GH 12-333 located in the headwaters of Upper Talarik Creek (A126618). The 2<sup>nd</sup> site was DDH 12551 located in the headwaters of the Koktuli River drainage and north of Frying Pan Lake (A126118). The 3<sup>rd</sup> site was DDH 12550 located in the lower reaches of Upper Talarik Creek (A122788). The 4<sup>th</sup> site was DDH 12552 located in near Lower Talarik Creek (A113113).
- Recommendations: None drill sites visited on the ground were clean, orderly and in compliance with agency permitting requirements. Drill sites observed from the air (hover) appeared clean, orderly and in compliance with agency permitting requirements.
- Actions Needed: None.

Drill Hole/Site No.: GH 12-333	Date: August 21, 2012
Rig No.: 4	Time: 11:50 AM
Activity: Drilling Geo-Tech Mud Rotary Hole	
<ul> <li>Condition of Drilling Site: Orderly (Pictures 1&amp;2)</li> </ul>	Sump Pit (continued): Water from sump pit pumped up slope and away from any surface water and discharged on tundra.
$_{\odot}$ Distance from waterbody: ~ 500 feet	<ul> <li>Location and extent of discharged material: See above</li> </ul>
$_{\odot}$ Location of fuel storage: Adjacent to pads	$_{\odot}$ Topsoil, muck, tundra stockpiled: Yes
$_{\odot}$ Sorbent pads present: Yes, 1 barrel	o Hose color: White
<ul> <li>Tundra mat: Yes, and all drill related equipment situated on pads.</li> </ul>	
<ul> <li>Pipe off tundra: Yes</li> </ul>	Drill Water Supply: Pictures 3 and 4.
o Litter: None	<ul> <li>Stream, lake/pond: Headwaters of Upper Talarik Creek</li> </ul>
o Trash containment: Yes	○ Location: (See Map)
o Sanitary facilities: Yes - privy	<ul> <li>Adequate water flow and depth for fish passage in streams: Yes</li> </ul>
$_{\odot}$ Any spills or staining: No	<ul> <li>Evidence of significant impacts to riparian vegetation or stream banks: None</li> </ul>
o General impression: Clean	<ul> <li>General impression of water body (i.e. clear, turbid, tannic): Clear</li> <li>Intake description: Screened electric submersible</li> </ul>
Drilling Activity: Geo-Tech Mud Rotary	$_{\odot}$ Structure clear of debris: Yes
$_{\odot}$ Drill additives in use: Pure Vis only	$_{\odot}$ Mesh size: 1x12 mm slotted 0.1 CFS
$\circ$ Recirculation tank: Yes and in use	o Submerged: Yes
$\circ$ Water discharged: Yes – up slope	<ul> <li>Fuel/generator location to source: 100 feet south</li> </ul>
o Artesian zone encountered: No	$_{\odot}$ Catch basin for fuel supply: Yes
	o Sorbent pads: Yes
■ Sump Pit: Yes	o Hose color: Yellow
o Location: 20 feet from drill collar	
o Discharge trench: Yes	Other Comments: Orderly and clean
$_{\odot}$ Dimensions of pit: 3 foot x 4 foot	
o In use: Yes	



# GH 12-333 Looking South



GH 12-333 Looking North



GH 12-333 Water Take Point

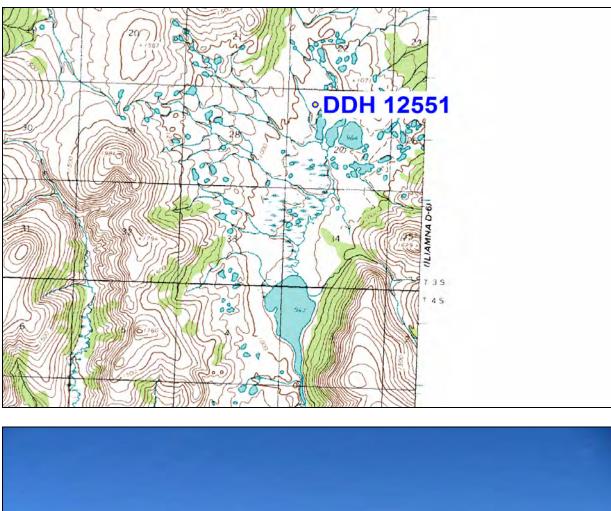


GH 12-333 Water Pump Generator Station

Drill Hole/Site No.: DDH 12551	Date: August 21, 2012
Rig No.: 3	Time: 12:40 PM
Activity: DDH	
<ul> <li>Condition of Drilling Site: Orderly (See Pictures Below)</li> </ul>	■ Sump Pit (continued):
<ul> <li>Distance from waterbody: ~ 150 feet</li> </ul>	<ul> <li>Location and extent of discharged material: North of Drill Collar</li> </ul>
$\circ$ Location of fuel storage: Next to Drill	$\circ$ Topsoil, muck, tundra stockpiled: Yes
$_{\odot}$ Sorbent pads present: Yes, 1 barrel	○ Hose color: White
<ul> <li>Tundra mat: Yes, and all drill related equipment situated on pads.</li> </ul>	
<ul> <li>Pipe off tundra: Yes</li> </ul>	Drill Water Supply: Pond – See Pictures 3 and 4.
o Litter: None	o Stream, lake/pond: Pond
o Trash containment: Yes	<ul> <li>Location: South of Drill (See Map)</li> </ul>
<ul> <li>Sanitary facilities: Yes - privy</li> </ul>	$_{\odot}$ Adequate water flow and depth for fish passage in streams: N/A
$_{\odot}$ Any spills or staining: No	<ul> <li>Evidence of significant impacts to riparian vegetation or stream banks: None</li> </ul>
o General impression: Clean	<ul> <li>General impression of water body (i.e. clear, turbid, tannic): Clear</li> <li>Intake description: Screened electric submersible</li> </ul>
<ul> <li>Drilling Activity: Just Started Drilling Pump Well (Targeted depth ~ 2,000' / Currently at 126' depth)</li> </ul>	<ul> <li>Structure clear of debris: Yes</li> </ul>
$_{\odot}$ Drill additives in use: Pure Vis only	$_{\odot}$ Mesh size: 1x12 mm slotted 0.1 CFS
$_{\odot}$ Recirculation tank: Yes and in use	o Submerged: Yes
$_{\odot}$ Water discharged: Yes – up slope	<ul> <li>Fuel/generator location to source: &gt;100 feet south</li> </ul>
o Artesian zone encountered: No	$\circ$ Catch basin for fuel supply: Yes
	○ Sorbent pads: Yes
Sump Pit: Yes, 3 Pits	o Hose color: Yellow
o Location: North of drill collar	
o Discharge trench: Yes	Other Comments: Just started drilling this hole. Currently at 126' deep. Bedrock at 100' deep. Planned depth of this hole is 2,000'. Hole will be used as a pump well.

### o Dimensions of pit: 5 foot x 10 foot

o In use: Yes





DDH 12551 Looking North

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# DDH 12551 Looking South

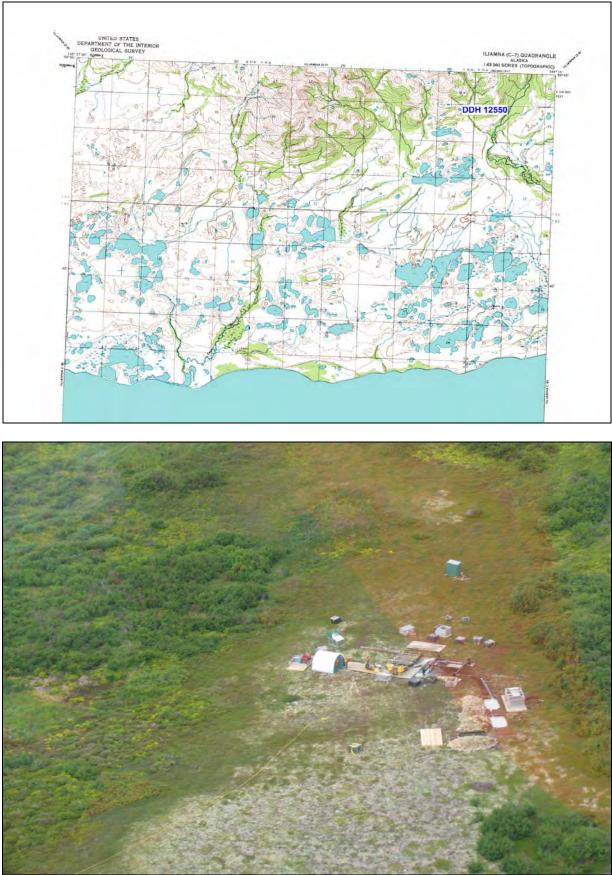


### DDH 12551 Looking East



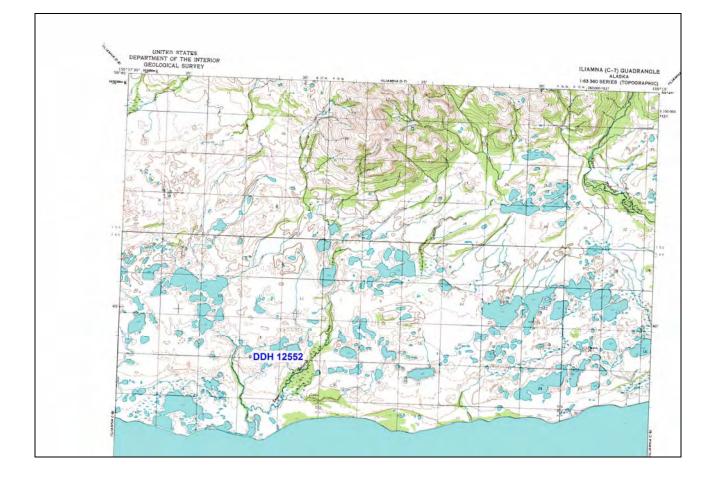
DDH 12551 Looking North from Generator Site for Water Pump. Pump located 250' to the south.

Drill Hole/Site No.: DDH 12550	Date: August 21, 2012
Rig No.: 5	Time: 2:00 PM
Activity: DDH being set up on FMM's Kaskanak claim block (Viewed from the air only).	
Condition of Drilling Site: Orderly (See Pictures Below)	Sump Pit (continued):
<ul> <li>Distance from waterbody: ~ 600 feet</li> </ul>	<ul> <li>Location and extent of discharged material: North of Drill Collar</li> </ul>
$_{\odot}$ Location of fuel storage: Next to Drill	$_{\odot}$ Topsoil, muck, tundra stockpiled: Yes
$_{\odot}$ Sorbent pads present: Yes, 1 barrel	$\circ$ Hose color: White
<ul> <li>Tundra mat: Yes, and all drill related equipment situated on pads.</li> </ul>	
○ Pipe off tundra: Yes	Drill Water Supply:
o Litter: None	o Stream, lake/pond: Creek
o Trash containment: Yes	$\circ$ Location: East of drill (See Map)
<ul> <li>Sanitary facilities: Yes - privy</li> </ul>	$_{\odot}$ Adequate water flow and depth for fish passage in streams: ?
o Any spills or staining: No	<ul> <li>Evidence of significant impacts to riparian vegetation or stream banks: ?</li> </ul>
o General impression: Clean	<ul> <li>General impression of water body (i.e. clear, turbid, tannic): ?</li> </ul>
	<ul> <li>Intake description: Screened electric submersible</li> </ul>
Drilling Activity: Not started yet, getting ready.	o Structure clear of debris: ?
$_{\odot}$ Drill additives in use: Pure Vis only	$_{\odot}$ Mesh size: 1x12 mm slotted 0.1 CFS
<ul> <li>Recirculation tank: Yes</li> </ul>	o Submerged: ?
<ul> <li>Water discharged: Not yet</li> </ul>	<ul> <li>Fuel/generator location to source: &gt;100 feet west</li> </ul>
o Artesian zone encountered: No	$\circ$ Catch basin for fuel supply: Yes
	o Sorbent pads: Yes
■ Sump Pit: Yes, 2 Pits	o Hose color: Yellow
<ul> <li>Location: East of drill site</li> </ul>	
o Discharge trench: Yes	<ul> <li>Other Comments: Site set up, no drilling yet</li> </ul>
$\circ$ Dimensions of pit: 5 foot x 10 foot	
o In use: No	



DDH 12550

Drill Hole/Site No.: DDH 12552	Date: August 21, 2012
Rig No.: 5	Time: 3:00 PM
Activity: DDH being set up on PLP's KAS claim block (viewed from a distance only).	
<ul> <li>Condition of Drilling Site: Orderly (See Picture Below)</li> </ul>	Sump Pit (continued):
<ul> <li>Distance from waterbody: ~ 2,000 feet</li> </ul>	<ul> <li>Location and extent of discharged material: ?</li> </ul>
o Location of fuel storage: ?	$\circ$ Topsoil, muck, tundra stockpiled: ?
o Sorbent pads present: ?	o Hose color: ?
<ul> <li>Tundra mat: Yes, and all drill related equipment is being situated on pads.</li> </ul>	
o Pipe off tundra: ?	Drill Water Supply:
o Litter: ?	o Stream, lake/pond: Creek
o Trash containment: ?	$\circ$ Location: West of drill (See Map)
<ul> <li>Sanitary facilities: Yes - privy</li> </ul>	<ul> <li>Adequate water flow and depth for fish passage in streams: ?</li> </ul>
$\circ$ Any spills or staining: ?	<ul> <li>Evidence of significant impacts to riparian vegetation or stream banks: ?</li> </ul>
o General impression: ?	<ul> <li>General impression of water body (i.e. clear, turbid, tannic): ?</li> </ul>
	<ul> <li>Intake description: Screened electric submersible</li> </ul>
Drilling Activity: Not started yet, getting ready.	$\circ$ Structure clear of debris: ?
o Drill additives in use: ?	$_{\odot}$ Mesh size: 1x12 mm slotted 0.1 CFS
o Recirculation tank: ?	o Submerged: Yes
o Water discharged: ?	$_{\odot}$ Fuel/generator location to source: ?
o Artesian zone encountered:	$\circ$ Catch basin for fuel supply: ?
	o Sorbent pads: ?
■ Sump Pit: ?	o Hose color: ?
o Location: ?	
o Discharge trench: ?	<ul> <li>Other Comments: Site set up, no drilling yet</li> </ul>
<ul> <li>Dimensions of pit: ?</li> </ul>	
o In use: No	





DDH 12552