

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

Personnel:	Inspection Date: August 31, 2010
Kerwin Krause, DNR-DMLW	Site Contact: Jeff Norberg
	APMA #: A106118
■ Inspection Type:	■ Wildlife Observed: None
○ Complete: Yes	○ Bear:
○ Partial:	○ Caribou:
○ Follow-up:	○ Moose:
○ Response to Public Complaint:	○ Waterfowl:
	○ Fish:
■ Weather Conditions:	○ Other:
○ Temperature: 40-50 F	
○ Wind: 20 South	■ Water level at Frying Pan Lake: N/A
○ Precipitation: Light	○ Observed inflow:
○ Visibility: Good at lower elevations	○ Observed outflow:
○ Sky Conditions: Overcast with low clouds	
○ Ground Conditions: Normal	
<p>Comments: PLP mineral exploration activity limited to core drilling (up to 1,600') exploration holes of anomalies resulting from airborne and ground electrical resistivity surveys. Some soil sampling related to geotechnical studies was also being done.</p>	
<p>Recommendations: None – all exploration activity was in compliance with permits.</p>	
<p>Actions Needed: None</p>	

Drill Hole/Site No.: 10506 (EX 2010 CF)	Rig No.:
Activity: Demobilization from DDH site (see photo 1)	Date: August 31, 2010
<ul style="list-style-type: none"> ■ Condition of Drilling Site: Good 	<ul style="list-style-type: none"> ■ Sump Pit (continued):
<ul style="list-style-type: none"> ○ Distance from waterbody: 2,100 feet 	<ul style="list-style-type: none"> ○ Location and extent of discharged material: Sump trenches
<ul style="list-style-type: none"> ○ Location of fuel storage: N/A 	<ul style="list-style-type: none"> ○ Topsoil, muck, tundra stockpiled: Yes
<ul style="list-style-type: none"> ○ Sorbent pads present: N/A 	<ul style="list-style-type: none"> ○ Location of secondary sump pit: Adjacent
<ul style="list-style-type: none"> ○ Tundra mat: Still in place 	<ul style="list-style-type: none"> ○ Hose color: Yellow
<ul style="list-style-type: none"> ○ Pipe off tundra: Yes 	
<ul style="list-style-type: none"> ○ Litter: None 	<ul style="list-style-type: none"> ■ Drill Water Supply:
<ul style="list-style-type: none"> ○ Trash containment: N/A 	<ul style="list-style-type: none"> ○ Stream, lake, kettle pond: Stream
<ul style="list-style-type: none"> ○ Sanitary facilities: N/A 	<ul style="list-style-type: none"> ○ Location: South Fork Koktuli River
<ul style="list-style-type: none"> ○ Any spills or staining: None 	<ul style="list-style-type: none"> ○ Adequate water flow and depth for fish passage in streams: N/A
<ul style="list-style-type: none"> ○ General impression: Clean 	<ul style="list-style-type: none"> ○ Evidence of significant impacts to riparian vegetation or stream banks: N/A
	<ul style="list-style-type: none"> ○ Relative water level: N/A
<ul style="list-style-type: none"> ■ Drilling Activity: 	<ul style="list-style-type: none"> ○ General impression of water body, i.e. clear, turbid, tannic: N/A
<ul style="list-style-type: none"> ○ Drill additives in use: 	<ul style="list-style-type: none"> ○ Intake structure: N/A
<ul style="list-style-type: none"> ○ Water recirculation: 	<ul style="list-style-type: none"> ○ Structure clear of debris: N/A
<ul style="list-style-type: none"> ○ Water discharged: 	<ul style="list-style-type: none"> ○ Mesh size: N/A
<ul style="list-style-type: none"> ○ Artesian zone encountered: 	<ul style="list-style-type: none"> ○ Submerged: N/A
	<ul style="list-style-type: none"> ○ Pump location to source: N/A
<ul style="list-style-type: none"> ■ Sump Pit: 	<ul style="list-style-type: none"> ○ Catch basin for fuel supply: N/A
<ul style="list-style-type: none"> ○ Location: 	<ul style="list-style-type: none"> ○ Sorbent pads: N/A
<ul style="list-style-type: none"> ○ Discharge trench: 	<ul style="list-style-type: none"> ○ Hose color: Yellow
<ul style="list-style-type: none"> ○ Dimensions of pit: 	
<ul style="list-style-type: none"> ○ In use: 	

Abandoned Drill Hole/Site No.: 10506 EX 2010
CF

Date: August 31, 2010

- Plugged: Didn't land but believe so
- Cemented: Didn't land but believe so
- Standing pipe: Yes
- Sump pit filled in: Not yet
- Water discharge trench filled in: Not yet
- Site revegetated: Not yet
- Artesian water present: No
- Any spills or staining: No
- Comments/General impression: Site ready for final demobilization and reclamation (see photo 1)



Photo 1 - Hole # 10506 EX 2010 CF

Drill Hole/Site No.: 10507 (EX 2010 DU)	Rig No.:
Activity: Quest Drilling DDH in progress	Date: 8-31-2010
<ul style="list-style-type: none"> ■ Condition of Drilling Site: Clean 	<ul style="list-style-type: none"> ■ Sump Pit (continued):
<ul style="list-style-type: none"> ○Distance from waterbody: 330' 	<ul style="list-style-type: none"> ○Location and extent of discharged material: In sump trench only
<ul style="list-style-type: none"> ○Location of fuel storage: Adjacent to drill rig and pump 	<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"> ○Location of secondary sump pit: Adjacent
<ul style="list-style-type: none"> ○Tundra mat: Yes 	<ul style="list-style-type: none"> ○Hose color:
<ul style="list-style-type: none"> ○Pipe off tundra: Most of it was 	
<ul style="list-style-type: none"> ○Litter: None 	<ul style="list-style-type: none"> ■ Drill Water Supply: Sump Recycle plus stream
<ul style="list-style-type: none"> ○Trash containment: Yes 	<ul style="list-style-type: none"> ○Stream, lake, kettle pond: Stream
<ul style="list-style-type: none"> ○Sanitary facilities: Yes 	<ul style="list-style-type: none"> ○Location: South Fork Koktuli River
<ul style="list-style-type: none"> ○Any spills or staining: No 	<ul style="list-style-type: none"> ○Adequate water flow and depth for fish passage in streams: Yes
<ul style="list-style-type: none"> ○General impression: Looked good 	<ul style="list-style-type: none"> ○Evidence of significant impacts to riparian vegetation or stream banks: No
	<ul style="list-style-type: none"> ○Relative water level: Normal
<ul style="list-style-type: none"> ■ Drilling Activity: 	<ul style="list-style-type: none"> ○General impression of water body, i.e. clear, turbid, tannic: Clear
<ul style="list-style-type: none"> ○Drill additives in use: Penetrol and Extreme #1 	<ul style="list-style-type: none"> ○Intake structure: Submersible electric pump/approved screen
<ul style="list-style-type: none"> ○Water recirculation: Yes w/500 gallon tank 	<ul style="list-style-type: none"> ○Structure clear of debris: Yes
<ul style="list-style-type: none"> ○Water discharged: Yes to sump 	<ul style="list-style-type: none"> ○Mesh size: ? but F&G authorized
<ul style="list-style-type: none"> ○Artesian zone encountered: No 	<ul style="list-style-type: none"> ○Submerged: Yes
	<ul style="list-style-type: none"> ○Pump location to source: N/A
<ul style="list-style-type: none"> ■ Sump Pit: 	<ul style="list-style-type: none"> ○Catch basin for fuel supply: Yes
<ul style="list-style-type: none"> ○Location: adjacent to casing 	<ul style="list-style-type: none"> ○Sorbent pads: Yes
<ul style="list-style-type: none"> ○Discharge trench: Yes 	<ul style="list-style-type: none"> ○Hose color: Yellow
<ul style="list-style-type: none"> ○Dimensions of pit: 4'x5'x40' 	
<ul style="list-style-type: none"> ○In use: Yes, see Pictures 3-5 	



Photo 2 - Hole # 10507 EX 2010 DU



Photo 3 - Hole # 10507 EX 2010 DU



Photo 4 - Hole # 10507 EX 2010 DU



Photo 5 - Hole # 10507 EX 2010 DU



Photo 6 - Hole # 10507 EX 2010 DU

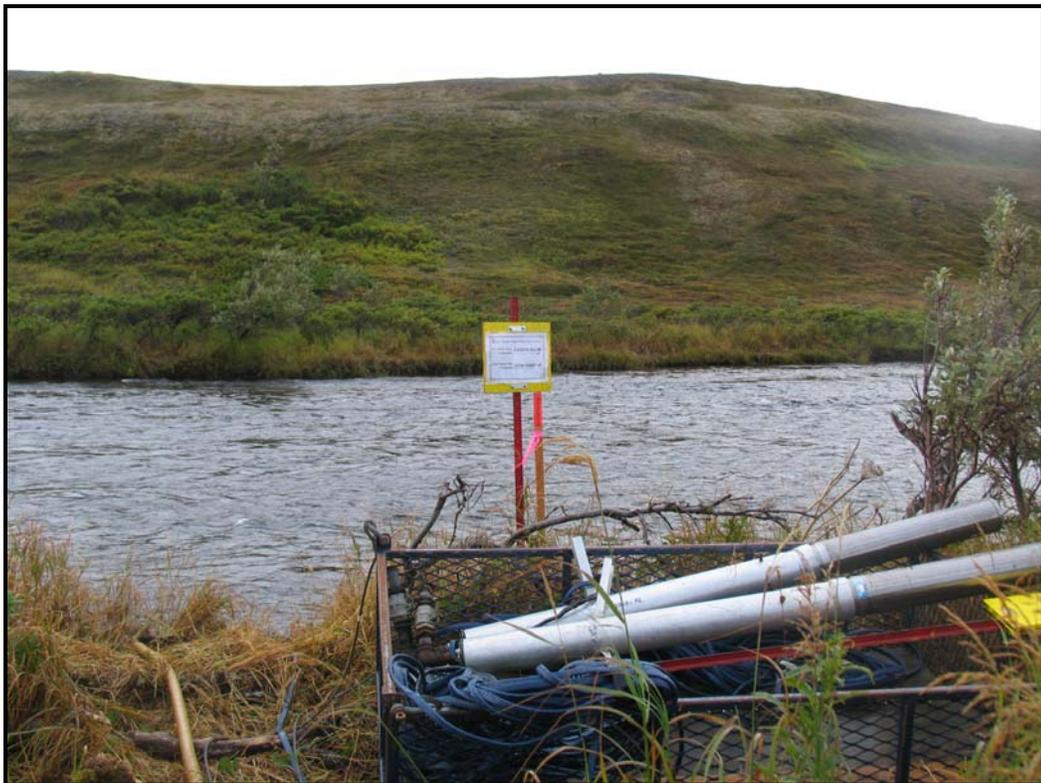


Photo 7 - Hole # 10507 EX 2010 DU



Photo 8 - Hole # 10507 EX 2010 DU



Photo 9 - Hole # 10507 EX 2010 DU

Drill Hole/Site No.: EX 2010 D	Rig No.:
Activity: Preparing DDH site and sump for Quest Drilling to set up on next	Date: 8-31-2010
■ Condition of Drilling Site: Set Up	■ Sump Pit (continued):
○Distance from waterbody: 650'	○Location and extent of discharged material: Will be in sump
○Location of fuel storage: N/A	○Topsoil, muck, tundra stockpiled: Yes
○Sorbent pads present: N/A	○Location of secondary sump pit: Adjacent
○Tundra mat: N/A	○Hose color: N/A
○Pipe off tundra: N/A	
○Litter: None	■ Drill Water Supply:
○Trash containment: N/A	○Stream, lake, kettle pond: Stream
○Sanitary facilities: N/A	○Location: South Fork Koktuli River
○Any spills or staining: No	○Adequate water flow and depth for fish passage in streams: Yes
○General impression: Clean	○Evidence of significant impacts to riparian vegetation or stream banks: N/A
	○Relative water level: Average
■ Drilling Activity:	○General impression of water body, i.e. clear, turbid, tannic: Clear
○Drill additives in use: N/A	○Intake structure: N/A
○Water recirculation: N/A	○Structure clear of debris: N/A
○Water discharged: N/A	○Mesh size: N/A
○Artesian zone encountered: N/A	○Submerged: N/A
	○Pump location to source: N/A
■ Sump Pit:	○Catch basin for fuel supply: N/A
○Location: Adjacent to Drill pad	○Sorbent pads: N/A
○Discharge trench: Adjacent to drill	○Hose color: N/A
○Dimensions of pit: ? Not finished yet	
○In use: Not yet	



Photo 10 – Drill site being prepared for DDH Hole EX 2010 D

Abandoned Drill Hole/Site No.: 10489	Date: August 31, 2010
■ Plugged: Believe so	
■ Cemented: Believe so	
■ Standing pipe: No	
■ Sump pit filled in: Yes	
■ Water discharge trench filled in: Yes	
■ Site revegetated: N/A – Barren gravel knob	
■ Artesian water present: No	
■ Any spills or staining: No	
■ Comments/General impression: Good reclamation – hard to identify abandoned DDH site except for the ground post identifying the location	



Photo 11 – Abandoned/Reclaimed DDH site # 10489

Abandoned Drill Hole/Site No.: 10495 (EX 2010 R)	Date: August 31, 2010
<ul style="list-style-type: none"> ■ Plugged: Yes ■ Cemented: Yes ■ Standing pipe: No ■ Sump pit filled in: Yes ■ Water discharge trench filled in: Yes ■ Site revegetated: Yes ■ Artesian water present: No ■ Any spills or staining: No ■ Comments/General impression: Good reclamation – hard to identify abandoned DDH site except for the ground post identifying the location 	



Photo 12 – Abandoned/Reclaimed DDH site # 10495 (EX 2010 R)

Drill Hole/Site No.: 10508 (EX 2010 DP)	Rig No.:
Activity: Quest Drilling DDH in progress	Date: 8-31-2010
<ul style="list-style-type: none"> ■ Condition of Drilling Site: Clean 	<ul style="list-style-type: none"> ■ Sump Pit (continued):
<ul style="list-style-type: none"> ○Distance from waterbody: 4,800' 	<ul style="list-style-type: none"> ○Location and extent of discharged material: In sump trench only
<ul style="list-style-type: none"> ○Location of fuel storage: Adjacent to drill rig and pump 	<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"> ○Location of secondary sump pit: Adjacent
<ul style="list-style-type: none"> ○Tundra mat: Yes 	<ul style="list-style-type: none"> ○Hose color:
<ul style="list-style-type: none"> ○Pipe off tundra: Yes 	
<ul style="list-style-type: none"> ○Litter: None 	<ul style="list-style-type: none"> ■ Drill Water Supply: Sump Recycle plus stream
<ul style="list-style-type: none"> ○Trash containment: Yes 	<ul style="list-style-type: none"> ○Stream, lake, kettle pond: Stream
<ul style="list-style-type: none"> ○Sanitary facilities: Yes 	<ul style="list-style-type: none"> ○Location: Between North Fork Koktuli and Upper Talarik Creek
<ul style="list-style-type: none"> ○Any spills or staining: No 	<ul style="list-style-type: none"> ○Adequate water flow and depth for fish passage in streams: Yes
<ul style="list-style-type: none"> ○General impression: Looked good 	<ul style="list-style-type: none"> ○Evidence of significant impacts to riparian vegetation or stream banks: No
	<ul style="list-style-type: none"> ○Relative water level: Normal
<ul style="list-style-type: none"> ■ Drilling Activity: 	<ul style="list-style-type: none"> ○General impression of water body, i.e. clear, turbid, tannic: Clear
<ul style="list-style-type: none"> ○Drill additives in use: Penetrol and Extreme #1 	<ul style="list-style-type: none"> ○Intake structure: Submersible electric pump/approved screen
<ul style="list-style-type: none"> ○Water recirculation: Yes w/500 gallon tank 	<ul style="list-style-type: none"> ○Structure clear of debris: Yes
<ul style="list-style-type: none"> ○Water discharged: Yes to sump 	<ul style="list-style-type: none"> ○Mesh size: ? but F&G authorized
<ul style="list-style-type: none"> ○Artesian zone encountered: No 	<ul style="list-style-type: none"> ○Submerged: Yes
	<ul style="list-style-type: none"> ○Pump location to source: N/A
<ul style="list-style-type: none"> ■ Sump Pit: 	<ul style="list-style-type: none"> ○Catch basin for fuel supply: Yes
<ul style="list-style-type: none"> ○Location: adjacent to casing 	<ul style="list-style-type: none"> ○Sorbent pads: Yes
<ul style="list-style-type: none"> ○Discharge trench: Yes 	<ul style="list-style-type: none"> ○Hose color: Yellow
<ul style="list-style-type: none"> ○Dimensions of pit: 4'x5'x40' 	
<ul style="list-style-type: none"> ○In use: Yes, see Pictures 	



Photo 13 – DDH site # 10508 (EX 2010 DP)



Photo 14 – DDH site # 10508 (EX 2010 DP)



Photo 15 – DDH site # 10508 (EX 2010 DP)



Photo 16 – DDH site # 10508 (EX 2010 DP)

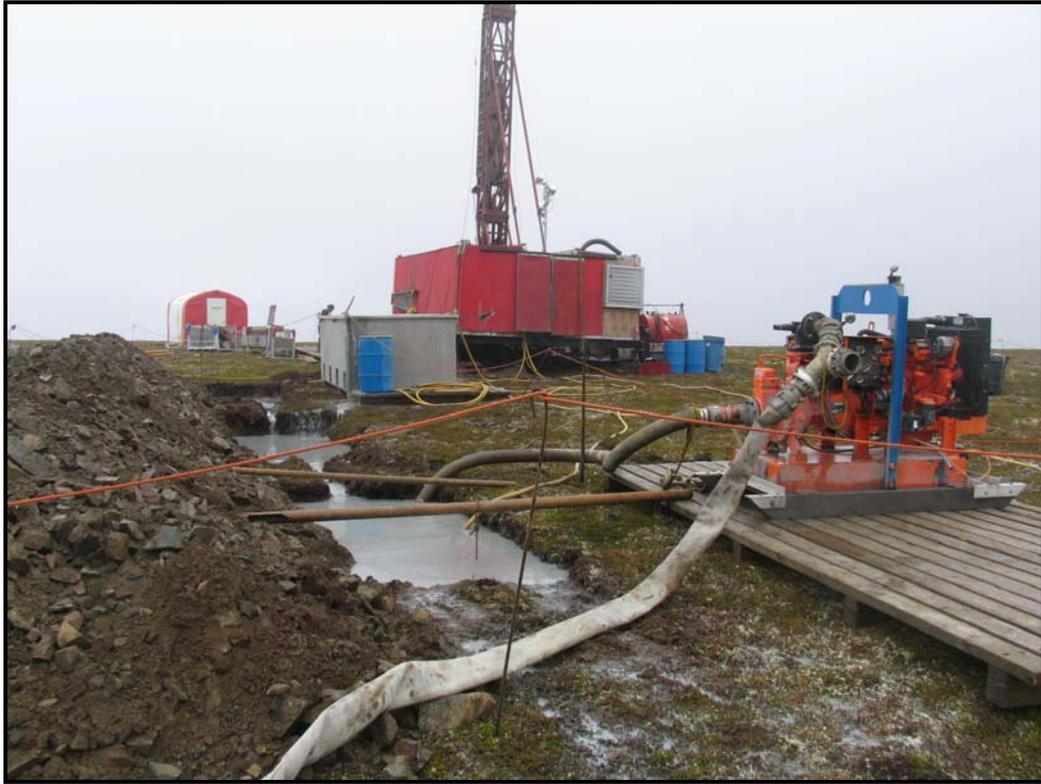


Photo 17 – DDH site # 10508 (EX 2010 DP)



Photo 18 – DDH site # 10508 (EX 2010 DP)



Photo 19 – DDH site # 10508 (EX 2010 DP)

Abandoned Drill Hole/Site No.: EX 2010 DO	Date: August 31, 2010
<ul style="list-style-type: none"> ■ Plugged: ? ■ Cemented: ? ■ Standing pipe: ? ■ Sump pit filled in: No ■ Water discharge trench filled in: No ■ Site revegetated: No ■ Artesian water present: No ■ Any spills or staining: No ■ Comments/General impression: DDH site being de-commissioned. Drill support footings and tundra pads waiting to be removed and sumps waiting to be reclaimed. 	



Photo 20 – DDH site # EX 2010 DO

Abandoned Drill Hole/Site No.: 9463 (2009)	Date: August 31, 2010
■ Plugged: Yes	
■ Cemented: Yes	
■ Standing pipe: No	
■ Sump pit filled in: Yes	
■ Water discharge trench filled in: Yes	
■ Site revegetated: Yes	
■ Artesian water present: Yes	
■ Any spills or staining: Yes	
■ Comments/General impression: Good Reclamation	



Photo 21 – DDH site # 9463 (2009)

Abandoned Drill Hole/Site No.: 9452 (2009)	Date: August 31, 2010
■ Plugged: Yes	
■ Cemented: Yes	
■ Standing pipe: No	
■ Sump pit filled in: Yes	
■ Water discharge trench filled in: Yes	
■ Site revegetated: Yes	
■ Artesian water present: Yes	
■ Any spills or staining: Yes	
■ Comments/General impression: Good Reclamation	



Photo 22 – DDH site # 9452 (2009)



Photo 23 – Contractor digging and sampling a test pit for a geotechnical study