

7DAILY REPORT #103– DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lawrence Borowski	Date:	2012.04.17
Reviewed by:		Project #:	1CH008.058.0320
Role	Company	Personnel – Position	On Site
Client	Hope Bay Mining Limited (HBML)	Angela Holzapfel – ESR Compliance Manager David Vokey – ESR Coordinator Dean Wold - Safety Jill Turk – ESR Coordinator Katsky Venter – ESR Manger Michelle Tanquay – ESR Site Manager Stirling Kelly – HSLP Advisor	No Yes Yes No No Yes No
	JDS	Doug Fielding – Construction Manager Ishan Fechter – Construction Coordinator Jerry Graham – Construction Manager Mark Valeriot – Construction Manager Calvin Goldschmidt – Construction Coordinator	Yes Yes No No No
Engineering Design Consultants	SRK Consulting (Canada) Inc.	Megan Miller – Site Engineer Lawrence Borowski – Site Engineer Iozsef Miskolczi – Site Engineer	No Yes No
Earthworks Contractor	Nuna Logistics	Doug Haverland - Area Superintendent Gary Sodhi – Field Engineer Georges Cornelissen – Survey Manager Jeff Roberts - Surveyor Jim Cardinal – Foreman Jordan Gunter – Foreman (Day Shift) Kyle Kuntz – Project Engineer Margaret Caley – Surveyor Mike MacMaster – Surveyor Mike Price – Field Engineer Rick Peter – Foreman (Night Shift) Trevor Sorken – Superintendent	Yes No No Yes No Yes No No No Yes No No
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WEATHER (ROBERTS BAY)

<http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=INUNAVUT3>

Temperature/Wind Chill (°C)	6AM: -22.6/-27.9	12PM: -18.4/-27.4	6 PM: -14.5/-22.1	12AM: -20.7/-27.9
Precipitation (mm)	Rain: None		Snow: None	
Conditions	Day Shift: Sunny, moderate winds		Night Shift: N/A.	
Daily norms (°C)	24 hour high:-14.5C		24 hour low: -23.4C	

HEALTH, SAFETY AND ENVIRONMENT

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COMMENTS, CORRESPONDENCE AND ACTIVITIES

DAILY MEETING WITH NUNA AND HBML TEAM:

- The daily meeting was attended by Nuna [Doug Haverland,], ESR [Michelle Tanquay], JDS [Doug Fielding, Ishan Fechter], SRK [Lawrence Borowski,], HBML [Don Ethelston], Newmont IT[Brian Haagsman]

Topic	Status
Health and Safety and Environment	<ul style="list-style-type: none"> Safety: No issues. ESR: Cleanup of construction items at the jetty. There are some leftover rolls of geotextile to pick up. Quarry 2 cleanup. When the HPDE liner was removed from the pollution control pond it was taken to Quarry 2. Most was picked up and placed in a sea can. Some cleanup remains. Thermistors: ESR will ask SRK which thermistors need to be replaced to meet water license requirements.
North Dam	<ul style="list-style-type: none"> Four survey monuments were installed yesterday. At current rate installation will be complete tomorrow. Plans for routing cables up the sides of the dam will be reviewed and any questions answered. JDS advised that crush will not be placed on top of the dam. JDS advised that constructing the access road to the dam is on hold. The question was raised whether the stockpile of 6 in material could be used to build this road. There were no objections, and ESR noted that they wanted this pile moved.
Water Management Structures	<ul style="list-style-type: none"> Tabs on the sumps need to be welded.
General	<ul style="list-style-type: none"> GPS are being removed from equipment and vehicles. Iridium antennas are being installed in the ERT and other rooms.

SURVEY:

Required	<ul style="list-style-type: none"> The following as-built files for the North Dam: <ul style="list-style-type: none"> Final compiled Core surface and linework Final compiled upper GCL surface and linework (including patches) Final compiled lower GCL surface Final compiled transition material surface and linework Final compiled overliner material surface and linework Compiled file of thermistor cables and thermistor cable bedding material (surfaces and linework) this would be for the entire path of the thermistor cables including the information from last year.
Data Received	<ul style="list-style-type: none"> As built Sump 1 As built Sump 2
Outstanding	<ul style="list-style-type: none"> None

Upcoming	<ul style="list-style-type: none"> • The following as-built files for the North Dam: <ul style="list-style-type: none"> • Final compiled ROQ surface and linework • Final surface and linework of over thermosyphon crush (after compaction) • Survey monuments and any backfill materials associated with these monuments. • Instrumentation • Final compiled surface and linework of diversion berm ROQ cover.
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Multi-bead Thermistors

- No activity

DAM SHELL:

- Excavated, installed and backfilled #ND-SMP-065-DS
- Excavated, installed and backfilled #ND-SMP-080-DS
- Excavated, installed and backfilled #ND-SMP-100-DS

SUMPS:

- Tabs on sumps were welded.

QUARRY #2

- No activity.

GENERAL:.

- Followed up on current plans for installing cables and instrumentation at the dam. Requirements are now understood, and communicated to Nuna.
- Nuna crew reported that they were hitting frozen core material in the survey monument excavations. On the second monument # ND-SMP-080-DS approximately .3 m was exposed. Excavation at #ND-SMP-100-DS revealed that ~ 1 m of frozen core material was exposed. Survey marked out the design location of the liner, which was at the limit of the excavation and ~ 1 m from the exposed edge. It is difficult to visualize that the frozen core was overbuilt by a meter. It was also noted that there was 6 in material under the exposed edge. ~.3 m was trimmed back to permit the packer to go around the survey monument.
- In discussions with persons who were there at the time it is suspected that excess frozen core was wasted at that location as there was no where to place it at the time.
- Crews were busy unloading one herc aircraft.
- Cat train from Cambridge Bay arrived late in the day. They will be removing pickups, cement trucks and some equipment.
- Nuna crew cleaned up around the frozen core plant.

PHOTOS



Photo 1: Welding tabs at Sump 2



Photo 2: North dam facing north, showing progress on survey monuments.



Photo 3 North dam facing SW showing the seven survey monuments on the upstream side of the dam.



Photo 4: Hand packing first lift of ROQ at ND-SMP-080-DS



Photo 5: Excavation at ND-SMP-100-DS. Survey rod is being held at the plate center. The red line waist level of the surveyor is bottom of the plate elevation. The line above the surveyor's head is the location of the edge of the liner. The distance between the edge of the liner and the edge of the frozen core (brown in the picture) is ~ 1 meter. It is suspected that at this approximate location frozen core material was wasted as there was no where to place it. Approx..3 m of the core material was trimmed back to provide adequate width for the hand packer.

