

DAILY REPORT #92 – DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lawrence Borowski Iozsef Miskolczi	Date:	2012.04.06
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 In In Out Out In Out
	JDS	Lloyd Jackson – Mechanical Superintendent Doug Fielding – Construction Manager Ishan Fechter – Construction Coordinator Jerry Graham – Construction Manager Kevin Whieldon – Project Coordinator Mark Valeriot – Construction Manager Calvin Goldschmidt – Construction Coordinator	No No In Yes No Yes Out
Engineering Design Consultants	SRK Consulting (Canada) Inc.	Megan Miller – Site Engineer Lawrence Borowski – Site Engineer Iozsef Miskolczi – Site Engineer	Out In Yes
Earthworks Contractor	Nuna Logistics	Benny Vostermans – Foreman (Day Shift) Doug Haverland – Area Superintendent Gary Sodhi – Field Engineer Georges Cornelissen – Survey Manager Jeff Roberts - Surveyor Jim Cardinal – Foreman Jordan Gunter – Foreman (Day Shift) Kevin Kozdrowski – Foreman Kyle Kuntz – Project Engineer Margaret Caley – Surveyor Mike MacMaster – Surveyor Mike Price – Field Engineer Rick Peter – Foreman (Night Shift) Simon Chipper – Civil Supervisor Trevor Sorken – Superintendent	Yes In Yes No In Out No No In No Out No Yes No Out
External Distribution List:	SRK: Maritz Rykaart, Lowell Wade, Seema Kang, Silkie Wong EBA: Robert Zschuppe ; Nuna: Chris Petrovic; HBML: Dave Power		
This Construction Daily Report is produced as an internal communication document between SRK site and head office staff. Any distribution of this report outside of SRK is done as a courtesy, and the information contained in this report are for information only to those external parties.			

WEATHER (ROBERTS BAY)

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

Temperature/Wind Chill (°C)	6AM: -15/-25	12PM: -13/-19	6 PM: -15/-22	12 AM: -19/-25
Precipitation (mm)	Rain: None		Snow: Traces	
Conditions	Day Shift: Overcast. Light flurries. Moderate to calm wind.		Night Shift: N/A.	
Daily norms (°C)	24 hour high: -11.8		24 hour low: -18.7	

HEALTH, SAFETY AND ENVIRONMENT

- Megan Miller attended Nuna's morning toolbox meeting.

COMMENTS, CORRESPONDENCE AND ACTIVITIES

DAILY MEETING WITH NUNA AND HBML TEAM:

- The daily meeting was attended by Nuna [Lucas Evans, Trevor Sorken], ESR [Katsky Venter], JDS [Jerry Graham, Mark Valeriotte], SRK [Megan Miller, Iozsef Miskolczi]

Topic	Status
Health and Safety and Environment	<ul style="list-style-type: none"> • No HSLP representative • ESR had no incidents to report; today is crew change day for ESR
North Dam	<ul style="list-style-type: none"> • Nuna was hauling ROQ to the dam on previous night shift <ul style="list-style-type: none"> ◦ It was noted that despite the severe snow and weather conditions, much less snow than expected was observed at the dam.
Water Management Structures	<ul style="list-style-type: none"> • Nuna expressed their intent of leaving the second lift of ROQ uncompacted to prevent slippage or other damage to the liner. <ul style="list-style-type: none"> ◦ SRK agreed. • Nuna inquired about the thickness of snow allowable on the already placed ROQ before placement of the second lift. <ul style="list-style-type: none"> ◦ SRK reiterated that all snow shall be removed from between consecutive lifts of ROQ, but dental cleaning is not necessary.
General	<ul style="list-style-type: none"> • Nuna is planning to complete the relocation of the core boxes at Windy today • Nuna stated that insulation of the sump lids is complete, and the lids will be installed as time allows it, but not before Sump#2 is completely backfilled. <ul style="list-style-type: none"> ◦ Backfilling of Sump#2 is contingent on thawing of the collected overburden material, which is placed inside the concrete batch plant. • Nuna reiterated the plans of drilling the holes for the thermistors at Bridge #4 today after lunch and continuing tomorrow with the remaining strings at the twin bridges. <ul style="list-style-type: none"> ◦ JDS inquired about Westarc's schedule, to which Nuna responded that drillers and equipment will be available to start drilling for the dam inclinometers. • JDS inquired about schedule of the Jetty work, as well as final elevations of the fill material on the jetty. <ul style="list-style-type: none"> ◦ Nuna responded that this work shall be started after the Diversion Berm is complete and that the jetty elevations according to the design drawings will be confirmed

SURVEY:

Required	<ul style="list-style-type: none"> • Final as-built surveys of the following Diversion Berm components: <ul style="list-style-type: none"> ◦ Overliner crush ◦ Liner ◦ ROQ berm (underliner) ◦ Bentonite ◦ Underliner crush ◦ Key trench crush
Data Received	<ul style="list-style-type: none"> • None

Outstanding	<ul style="list-style-type: none"> • None
Upcoming	<ul style="list-style-type: none"> • Diversion Berm material as placed • Dam final ROQ • Dam crush over south thermosyphons pipes where they extend to the radiator (after compaction is complete)

NORTH DAM/FROZEN CORE PLANT PAD:**Multi-bead Thermistors**

- No activity.

Dam Shell

- Placement of the last lift of ROQ continued. By the end of the dayshift the ROQ shell was essentially complete.

DORIS NORTH DIVERSION BERM:

- The areas requiring placement of second lift of ROQ were inspected to determine the snow removal requirements. Relatively deep (0.3 to 0.5 m) snow drifts were noted in some places, requiring removal before ROQ placement can proceed.
- No snow removal or ROQ placement was done on dayshift.

SUMPS:

- No activity.

QUARRY #2:

- ROQ was loaded into haultrucks using the CAT 385 excavator.
- Some crush was spread at the entrance to the quarry to eliminate the slippery conditions developed by the presence of fresh hard packed snow

GENERAL:

- Cable trenches at the two abutments of Bridge #4 were excavated. Excavation is to continue tomorrow, when drilling of the holes for these two thermistor stings is planned.
- Lawrence Borowski arrived to site to replace Megan Miller.
- The daily panoramic photos of the North Dam will be discontinued starting with tomorrow's Daily Report.

PHOTOS:



Photo 1: Progress photo of North Dam from photo point 1. Looking south east.



Photo 1: Progress photo of North Dam from photo point 2. Looking west.



Photo 3: Progress photo of North Dam from photo point 3. Looking north east along dam alignment.



Photo 4: North Dam – clearing snow ahead of ROQ placement. Photo looking south from Sta. 0+30.

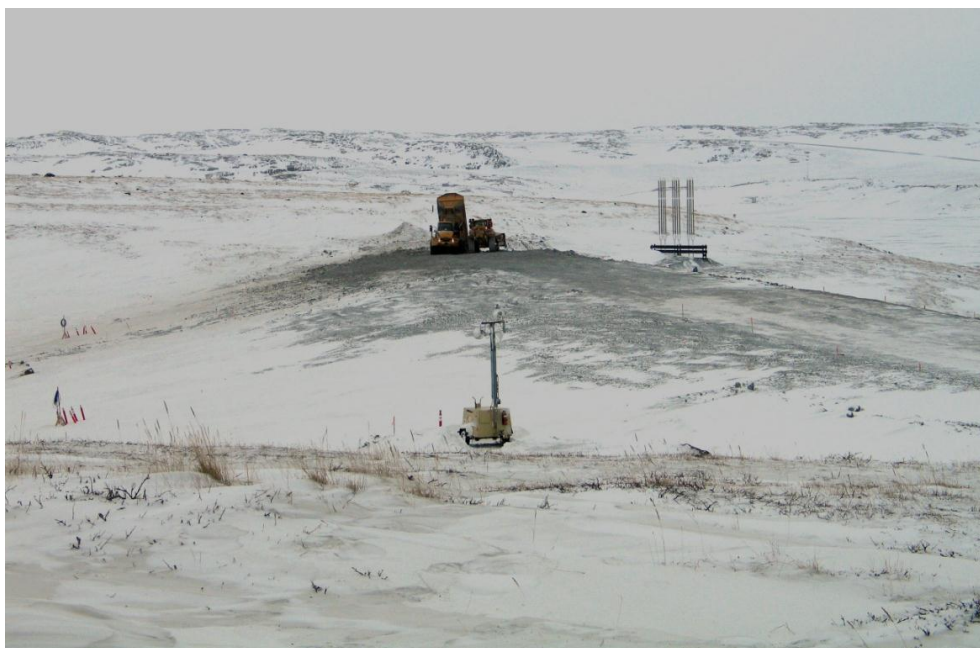


Photo 5: North Dam - last few loads of ROQ being placed. Photo facing SW.



Photo 5: Diversion Berm – snow drifted in on the upstream side of the berm. Photo looking west from Sta. 0+150.



Photo 6: Bridge#4 showing locations of trenches that were excavated for thermistor cable installation.



Photo 7: Excavation for thermistor cable installation at Bridge#4.