

DAILY REPORT #105– DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lawrence Borowski	Date:	2012.04.19
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	In Yes Out No In Out In
	JDS	Doug Fielding – Construction Manager Ishan Fechter – Construction Coordinator Jerry Graham – Construction Manager Mark Valeriote – Construction Manager Calvin Goldschmidt – Construction Coordinator	Yes Out No No In
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	Out No No Out No Yes No No In Yes No No
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WEATHER (ROBERTS BAY)

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

Temperature/Wind Chill (°C)	6AM: -22.4/-22.4	12PM: -11.4/-11.4	6 PM: -7.4/-7.4	12AM:-22.4/-22.4
Precipitation (mm)	Rain: None		Snow: None	
Conditions	Day Shift: Sunny, calm		Night Shift: N/A.	
Daily norms (°C)	24 hour high: -7.4C		24 hour low: -24.7C	

HEALTH, SAFETY AND ENVIRONMENT

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 ESR [Catherine Paul]

Topic	Status
Health and Safety and Environment	<ul style="list-style-type: none"> Safety: No issues. ESR: Current status of compliance issues. Cleanup of contaminated snow in berm. Cannot use vac truck as it doesn't pick up snow. Concern with liner if other types of heavy equipment used.
North Dam	<ul style="list-style-type: none"> Survey monuments are all now in place. Thermistors were read yesterday. Plan to start excavating trenches for thermistor cables after shift change.
Water Management Structures	<ul style="list-style-type: none"> No activity.
General	<ul style="list-style-type: none"> IT advises that staff and Williams Wireless all leaving today. Plan to complete pad for pump today. Any equipment still at Windy will be removed today

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. Sumps: <ul style="list-style-type: none"> Annulus crush backfill Annulus overburden backfill Diversion Berm <ul style="list-style-type: none"> Final compiled surface and linework of ROQ cover Final compiled surface and linework of ROQ berm
Data Received	<ul style="list-style-type: none">

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

Multi-bead Thermistors

- No activity

DAM SHELL:

- Started excavating the trench for the cables at Sta 0+40. at noon. At the downstream location where the three cables were exposed crush over cables was hand excavated until the trench was ~ .6m. In so doing, the need for buttresses was eliminated.
- Trench was excavated to >1 meter depth. Width is a bucket width (1.2 m). Survey checked excavations and marked .3 m levels in the trench.
- Cables were bundled and tied together with ties.
- Levelling the crush layer under the cables and over the cables was done by hand.
- A warning tape was placed over the second layer of tape.
- The trench was then backfilled.
- At the termination point, crush has been placed to the elevation of the bottom of the plate. The excavation was left open and surplus cable was coiled up.
- Work at Sta 0+40 was complete by 3:00 pm except for compaction on the ROQ.
- Work at Sta 0+60 started with having survey check that the location of the cable was in fact where it came out of the ground. Accordingly, excavation did not start until 4:00 pm. The cable was hand excavated down to ~.6 m where it was discovered that for inexplicable reasons there was a loop in the cable. Fortunately, the cable was not cut, and was checked with the RST meter.
- The same procedure was followed as at Sta 0+40. By end of shift about 1/3 of the length was excavated and crush placed.
- Getting by the next set of cables protruding may be an issue. Nuna has decided that the best way would be to have the excavator straddle the cables up the slope. Tomorrow's issue.

SUMPS:

- No activity.

QUARRY #2

- No activity.

GENERAL:.

- Termination boxes for thermistors at bridges 2,3 and 4 have been installed.
- Still a question of whether or not Batt needs to return to site for some work at the RBTF.

PHOTOS:



Photo 1: Shift change day.



Photo 2: Thermister termination boxes. Bridge 2 north end. Note part of exposed cable is in a conduit.



Photo 3: Sta 0+40 cable cluster



Photo 4: Warning tape placed over final lift crush



Photo 5: Termination of cables at Sta 0+40



Photo 6: Finished product Sta 0+40. Still to be compacted with 10 ton packer



Photo 7: Sta 0+60 Coil in cable ~ 2 feet down.



Photo 8: Surveyor marking crush fill levels.



Photo 9: Sta 0+60 Single cable.



Photo 10: Sta 0+60.Tape over crush

