

7DAILY REPORT #99– DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lawrence Borowski	Date:	2012.04.13
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 Out 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 Yes Yes No Yes No No
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: -24.2/-32.7	12PM: -20.8/-30.3	6 PM: -17.9/-27.3	12AM:-21.9/-30.0
Precipitation (mm)	Rain: None		Snow: None	
Conditions	Day Shift: Clear, cold, light to moderate winds		Night Shift: N/A.	
Daily norms (°C)	24 hour high: -17.8C		24 hour low:-24.3C	

HEALTH, SAFETY AND ENVIRONMENT

• .

COMMENTS, CORRESPONDENCE AND ACTIVITIES

DAILY MEETING WITH NUNA AND HBML TEAM:

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

Topic	Status
Health and Safety and Environment	<ul style="list-style-type: none"> Safety: No issues ESR: Requested that on updates the following items be added: <ul style="list-style-type: none"> Cleaning crush off snow roads. Moving sea cans and completing liner installation at the Settlement pond
North Dam	<ul style="list-style-type: none"> SRK opened a discussion on instrumentation and other work at the North Dam There have been discussions but nothing appears to be in writing. <ul style="list-style-type: none"> Termination of thermistor cables: Options for bringing cables up the slopes of the dam include running through pipes as designed; placing in trenches excavated in the dam shell; and placing over the dam shell with no excavation. The option favoured appears to be excavating trenches in the dam shell. Recommended depth of excavation or cross section was not discussed. Survey monitoring points will need to be set on a bedding of crush material. Thickness of the bedding was not discussed. Supports for instrument housing will not be installed at this time. JDS indicated that funding for the preparation of comprehensive work plans is not available. JDS to follow up on any decisions that have already been made.
Water Management Structures	<ul style="list-style-type: none"> Backsloping on the down stream side of the diversion berms to continue today. Compaction of the crush on the berms to commence later today Crush surfacing was checked by survey who reported that surface is +/- 25 mm
General	<ul style="list-style-type: none"> Jetty requires a crush surface. Will be complete this morning. Work on the RBTF berm to commence today. Start moving sea cans at the Sedimentation pond today in order that liner placement at the Sedimentation pond can be completed. Electrical sea can must be left intact. Can work around it. Fibre optic cable at vent raise has been disconnected and can be rolled up in spring. Question raised whether Batt should be brought back in. Apparently, Batt did the work at the tank farm as per verbal instructions. QC photos were submitted daily. At the last minute SRK (Anthony) requested another 2-3 more straps. Batt, by then, had dismantled their equipment and subsequently left the site. .

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"> • 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 • Final compiled surface and linework of diversion berm ROQ cover. • Roberts Bay Tank Farm Diversion berm.

Multi-bead Thermistors

- Thermistors at bridges 2,3 & 4 read.
- Thermistors at the Pollution Control Pond read

DAM SHELL:

- No activity.

DORIS NORTH DIVERSION BERM:

- 330 excavator completed backsloping downstream berms..
- Grader completed scraping ice roads to remove any crush from surfaces.
- 10 ton packer completed packing crush gravel surface.
- Doris North Diversion Berm is now complete, except for some minor cleanup along the roads.

SUMPS:

- No activity.

QUARRY #2

- Hauling rip rap, 6 inch and crush to the jetty.crush to the jetty.
- Hauling ROQ mixed with ¾ in to the RBTF berm.

GENERAL:.

- Work at the jetty complete.

- Trucks hauling snow from the west side of the camp in the morning.
- Started RBTF berm in the afternoon.
- ROQ mixed with $\frac{3}{4}$ in material used to construct the berm.
- Berm complete by end of shift.

PHOTOS



Photo 1: RBTF berm construction.



Photo 2: Berm, finished product. Crush on surface has been packed. Sta 0+15 facing east.



PHOTO 3: Backsloping ~ Sta 4+50 facing east..



Photo 4: Backsloping ~ Sta 5+50 facing east.



Photo 5: Location of ramp after backsloping



Photo 6: Constructing ramp to permit packer to get up on berm.



Photo 7: Packer working ~ Sta 5+00



Photo 8: Edge and surface of jetty.