

## DAILY REPORT #111– DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lawrence Borowski	Date:	2012.04.25
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	Yes Yes No No Yes No Yes
	JDS	Doug Fielding – Construction Manager Ishan Fechter – Construction Coordinator Jerry Graham – Construction Manager Mark Valeriote – Construction Manager Calvin Goldschmidt – Construction Coordinator	Yes No No No Yes
Engineering Design Consultants	SRK Consulting (Canada) Inc.	Lowell Wade-Site Engineer Lawrence Borowski – Site Engineer	No Yes
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) Mike MacMaster – Surveyor Mike Price – Field Engineer Rick Peter – Foreman (Night Shift) Trevor Sorken – Superintendent	No No No No Yes Yes Yes Yes No Yes
External Distribution List:	SRK: Maritz Rykaart, Lowell Wade, Seema Kang, Silkie Wong EBA: Robert Zschuppe ; Nuna: Chris Petrovic; HBML: Dave Power		
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## WEATHER (ROBERTS BAY)

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

Temperature/Wind Chill (°C)	6AM: -19.7/-19.7	12PM: -13.6/-17.8	6PM:-11.2/-17.8	12AM: -19.2/-19.2
Precipitation (mm)	<b>Rain:</b> None		<b>Snow:</b> None	
Conditions	<b>Day Shift:</b> Clear, light wind		<b>Night Shift:</b> N/A.	
Daily norms (°C)	24 hour high:-11.2C		24 hour low:-22.5	

## HEALTH, SAFETY AND ENVIRONMENT

- Red fox spotted west of the Doris Camp

## COMMENTS, CORRESPONDENCE AND ACTIVITIES

### DAILY MEETING WITH NUNA AND HBML TEAM:

- The daily meeting was attended by Nuna [Trevor Sorkin,], ESR [ Katsky Venter, Angela Holzapfel], JDS [Doug Fielding, Calvin Goldschmidt ], SRK [Lawrence Borowski,], HBML [Don Ethelston],Newmont IT [Brian Haagsman]

Topic	Status
Health and Safety and Environment	<ul style="list-style-type: none"> <li>• Safety: No issues.</li> <li>• No issues</li> </ul>
North Dam	<ul style="list-style-type: none"> <li>• SRK reported that all cables are now brought up to the top of the dam. There were two issues with cables ND-VTS-060-US. Firstly, the cable terminates under the pump pad on the downstream end, and secondly, the cable was 5 m short on the top end. A cable extension was connected at the top end.</li> <li>• Nuna reported that the pipe for the connector cable will be installed today.</li> <li>• Following placement of the pipe cleanup at the dam will commence.</li> </ul>
Water Management Structures	<ul style="list-style-type: none"> <li>•</li> </ul>
General	<ul style="list-style-type: none"> <li>• Thermistor installation at the jetty was not successful yesterday as the hole caved in at the 5.5 m depth. A second attempt will be made today.</li> <li>• Some discussion whether or not Nuna had a code to charge their decommissioning time to. This issue to be clarified.</li> </ul>

### SURVEY:

Required	<ul style="list-style-type: none"> <li>• The following as-built files for the North Dam: <ul style="list-style-type: none"> <li>• Final compiled Core surface and linework</li> <li>• Final compiled upper GCL surface and linework (including patches)</li> <li>• Final compiled lower GCL surface</li> <li>• Final compiled transition material surface and linework</li> <li>• Final compiled overliner material surface and linework</li> <li>• 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.</li> </ul> </li> </ul> <p>Sumps:</p> <ul style="list-style-type: none"> <li>○ Annulus crush backfill</li> <li>○ Annulus overburden backfill</li> </ul> <ul style="list-style-type: none"> <li>• Diversion Berm <ul style="list-style-type: none"> <li>○ Final compiled surface and linework of ROQ cover</li> <li>○ Final compiled surface and linework of ROQ berm</li> </ul> </li> </ul>
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<b>Data Received</b>	<ul style="list-style-type: none"> <li>• Vent Raise Plenum and Heat Units</li> </ul>
<b>Outstanding</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>
<b>Upcoming</b>	<ul style="list-style-type: none"> <li>• The following as-built files for the North Dam: <ul style="list-style-type: none"> <li>• Final compiled ROQ surface and linework</li> <li>• Final surface and linework of over thermosyphon crush (after compaction)</li> <li>• Survey monuments and any backfill materials associated with these monuments.</li> <li>• Instrumentation</li> </ul> </li> </ul>

#### **Multi-bead Thermistors**

- No activity

#### **DAM SHELL:**

- Work today concentrated on installing pipes for the connector cable.
- Trench was excavated to a depth of .75 m.
- Pipe was bedded on .2m crush and covered with .2m crush.
- Trench was then backfilled with ROQ.
- Pipe between Sta 1+30 and 1+75 was complete by 1:00 pm.
- At the end of the shift final ROQ was being placed between Sta 0+40 and Sta 0+60; and between Sta 0+60 and Sta 0+85
- A rope was threaded through the pipes for use when the connector cable is installed.

#### **QUARRY #2**

- Loading and hauling  $\frac{3}{4}$  in crush as required for bedding and covering the connector pipe.

#### **GENERAL:**

- Thermistor at the jetty installed. This was the second attempt.
- West Arc tooling in preparation for drilling deep holes tomorrow.

PHOTOS:



**Photo 1:** Final product Sta 0+85 US



**Photo 2:** Final product Sta 0+60





**Photo 3:** Termination of pipes on pad by Sta 0+60 thermister cable.



**Photo 4:** West Arc drilling thermister at jetty..



**Photo 5:** Excavation for connector cable, Sta 1+30 to Sta 1+75



**Photo 6:** Placing crush Sta 1+75 to Sta 1+30





**Photo 7:** Positioning pipe in place .



**Photo 8:** Pipe for connector cable in place, Sta 1+75 to Sta 1+30.





**Photo 9:** Final product Sta 1+30 to Sta 1+75



**Photo 10:** Excavation Sta 0+85 to Sta 0+60



E 434300

E 434400

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CURRENT STATUS.

ND-SSP-155-2

ND-SSP-140-2

ND-SMP-160-DS

ND-SSP-155-1

ND-SSP-140-1

ND-SMP-140-DS

ND-SSP-110-3

ND-SSP-125-2

ND-IN-120-3

ND-IN-120-2

ND-SSP-125-1

ND-SSP-110-2

ND-DSP-120

ND-SMP-120-DS

ND-SSP-095-3

ND-SSP-080-3

ND-SSP-095-2

ND-DSP-100

ND-SMP-100-DS

ND-SSP-065-3

ND-SSP-080-2

ND-SSP-095-1

ND-SMP-100-US

ND-SSP-065-2

ND-IN-070-3

ND-SSP-080-1

ND-IN-070-2

ND-SMP-060-DS

ND-DSP-070-1

ND-IN-070-1

ND-SSP-065-1

ND-SMP-065-DS

ND-SMP-080-US

ND-SMP-045-US

ND-SMP-065-US

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