

DAILY REPORT #104– DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lawrence Borowski	Date:	2012.04.18
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 Valeriote – 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
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: N/A	12PM: -16.1/-23.6 111111919919	6 PM: -13.0/-18.0	12AM: -18.5/-25.2
Precipitation (mm)	Rain: None		Snow: None	
Conditions	Day Shift: Sunny, light wind Warm.		Night Shift: N/A.	
Daily norms (°C)	24 hour high: -13.0C		24 hour low: -19.4C	

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. Refueling station at lower Doris tank farm is currently locked out. Obtain fuel at Roberts Bay. Another demonstration at the lower Doris tank farm is planned. When the Lower Doris fuel facility is reopened it will be a manned facility. It was noted that there were already fuel spills after being opened for a short time. Discussed work at the Windy site. Backhoe pulling out wood where core boxes were stored. Will need a truck to transport back to Doris. Some discussion on disposal. Wood chipper appears to be the answer. Wood would have to be separated. Wood painted with lead based paints needs to be separated. It was questioned whether wood painted with latex based paints needs to be separated. ESR to send out paint chips for testing. Flow meters (6) will be calibrated today at the batch plant
North Dam	<ul style="list-style-type: none"> Three survey monuments installed at the plant. West Arc still scheduled to return to site on Monday. Thermistor cables will be routed to the top of the north dam starting tomorrow.
Water Management Structures	<ul style="list-style-type: none"> No activity.
General	<ul style="list-style-type: none"> .

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. <p>Sumps:</p>
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	<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	•
Outstanding	• 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

- All thermistors at the North Dam read.
- Five thermistors at bridges 2,3 and 4 read.
- Three thermistors at the pollution pond read.
- Two thermistors at the Doris Creek bridge read

DAM SHELL:

- Excavated, installed and backfilled #ND-SMP-120-DS
- Excavated, installed and backfilled #ND-SMP-140-DS
- Excavated, installed and backfilled #ND-SMP-160-DS

SUMPS:

- No activity.

QUARRY #2

- No activity.

GENERAL:.

- Location of frozen core was monitored at the excavations. At ND-SMP-120-DS and at ND-SMP-160-DS frozen core was noted ~ 1 meter from the survey monument center point. On all three monuments installed today there was adequate room for the hand packer, thus no frozen core was excavated.
- All thermistors at the north dam were read today in preparation for stringing cables up the slopes tomorrow.
- A cat train was assembled and returned to Cambridge Bay
- A pad was constructed for JDS for their pump.
- JDS spent the day calibrating flow meters.

PHOTOS:



Photo 1: North dam facing north. Excavator is installing the last survey monument.



Photo 2: Assembling a small cat train bound for Cambridge Bay.

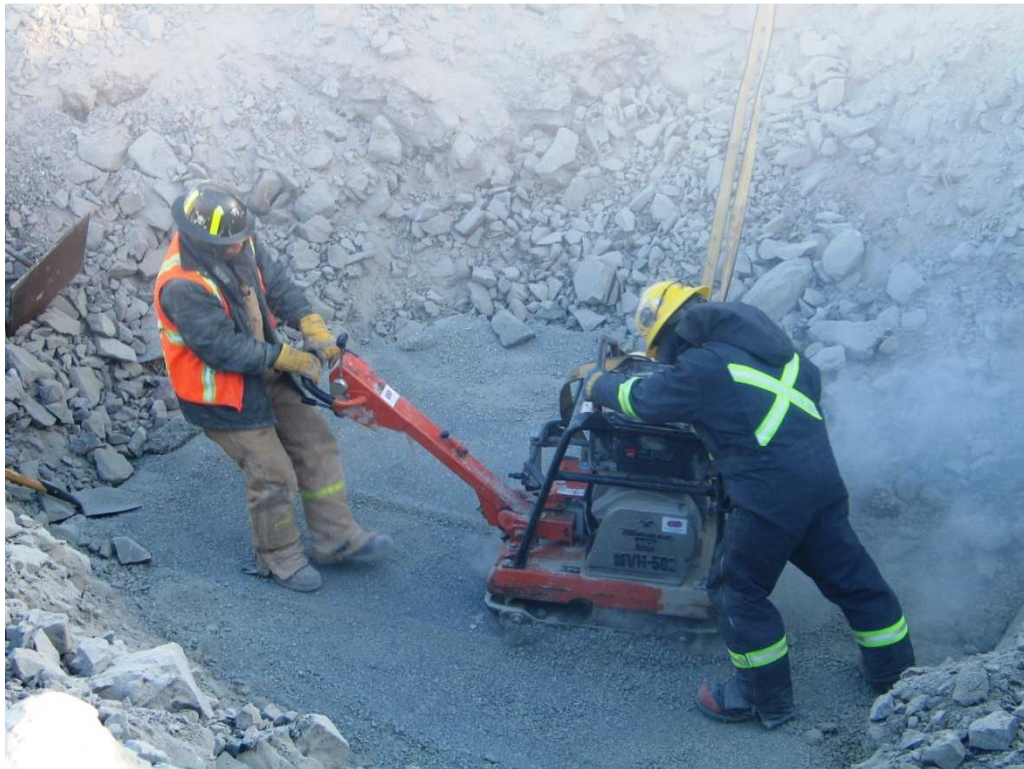


Photo 3: Packing base for monument plate .ND-SMP-120-DS

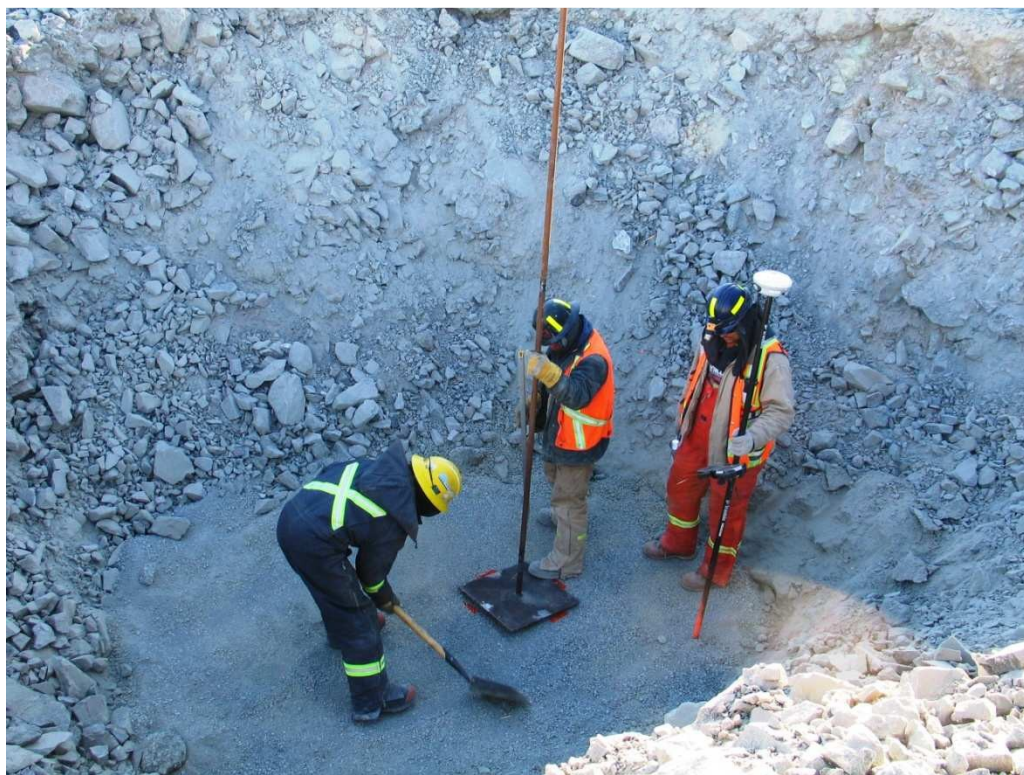


Photo 4: Setting monument base ND-SMP-120-DS. Frozen core material is barely visible behind the surveyor's right knee.



Photo 5: Packing base ND-SMP-160-DS



Photo 6: Setting base ND-SMP-160-DS. Frozen core material visible behind worker



CURRENT STATUS

1200

ND-SSP-155-2

1+80

1+70

1+60

1+50

1+40

1+30

1+20

1+10

1+00

0+90

0+80

0+70

0+60

0+50

0+40

0+30

0+20

0+10

0+00

Downstream

26

28

30

32

34

36

38

40

3100

36

38

40

North Dam Crest Centerline

Upstream

434300

434400

