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*By Manager of Licensing at 11:56 am, Aug 15, 2011*

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December 22, 2010

Delivered via Email

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[michelle@shearminerals.com](mailto:michelle@shearminerals.com)

Stanley Anablak  
Kitikmeot Inuit Association  
PO Box 360 – Lands Division  
Kugluktuk, Nunavut  
X0E 0E0

and

Michelle Tanguay  
Shear Minerals Ltd.  
Suite 220, 17010 – 103 Avenue  
Edmonton, Alberta  
T5S 1K7

Dear Sirs:

**RE: Jericho Site Reclamation – Inuit-Owned Lands Only**

Nuna Logistics is pleased to submit our updated cost estimate for the reclamation of the Inuit-Owned Lands (IOL) at the Jericho Mine Site. The cost estimate is for the reclamation of the site and does not include remediation or on-going monitoring.

Our cost estimate includes the labour and equipment required to complete the work and the mobilization and demobilization of the equipment including an allowance for a minor out-haul of hazardous materials. We have added line items for escalation, explosives plant demolition, pit rim smoothing, establishing the winter road accesses, camp catering and personnel flights. These items were owner provided in the most recent cost estimates. It should be understood that establishing winter road access and mobilization/demobilization are items which may be shared by the Crown and IOL scopes, however, they are presented as stand-alone costs.

**Cost Estimate History**

Nuna Logistics has provided reclamation estimates for Jericho from the early pre-feasibility days.

Prefeasibility Stage – June, 2000	\$6,130,200
▪ Preliminary Scope, Nuna/Tahera Joint Estimate	
Permitting Stage – June, 2003	\$7,195,607
▪ Nuna/Tahera Joint Estimate, Cost Escalation, Refined Scope	
▪ Reviewed Considering INAC's Paper, "Mine Site Reclamation Policy for Nunavut" of 2002	
Allocation Stage – September, 2003	\$7,195,607
▪ Crown Lands \$5,945,174	
▪ Inuit Owned Lands \$1,250,433	
Post-Closure Plan – August, 2004	\$9,279,958
▪ Based on Abandoned Site	
Allocation – December, 2004	\$9,279,958
▪ Crown Lands \$7,483,981	
▪ Inuit Owned Lands \$1,795,977	
Update for KIA Lands – September, 2008	\$1,923,500
▪ Re-Estimate from Base Principles, Assumes Provision of Owner Items from Care and Maintenance Program	

### **Recent Cost Estimate Summary**

The September, 2008 estimate for IOL reclamation was as follows:

Mobilization	\$ 112,000
Labour	631,400
Equipment	354,200
Fuel, Escalation, Carrying Costs	469,000
Demobilization	182,000
Contingency	<u>174,900</u>
Total Estimate	<u>\$ 1,923,500</u>

### **Escalated Cost Estimate Summary**

The cost estimate escalated to 2011 pricing is as follows:

Mobilization	\$ 169,300
Labour	677,500
Equipment	371,900
Fuel, Carrying Costs	440,900
Demobilization	283,000
Contingency	<u>194,300</u>
Total Estimate	<u>\$ 2,136,800</u>

The increased transportation costs include the impact of a current fuel surcharge. Since 2008, Nuna has modified the method by which we apply overhead costs to labour and equipment.

### **Explosives Plant Demolition**

The demolition of the explosives plant will initially require manual labour to remove hazardous materials (such as cleaning supplies, lighting ballasts, items containing lead, liquids, etc) and to clean the inside of the plant. Based on the age, it is assumed that only non-lead based paint was used throughout Jericho, however, the cleaning is required to remove ammonium nitrate residue. After cleaning, the building will be prepared for demolition by partially cutting through structural members. (The reclamation on Crown land will require demolition shears, therefore, if the projects are done in conjunction with each other this step is not required.) Once the buildings have been prepared, demolition will be completed with a Cat 345 excavator and Cat D10 dozer. The demolished buildings will be hauled to Yellowknife on the following winter road. The concrete pad will be demolished with a Cat 345 excavator with a breaker attachment. The concrete will be hauled to, and encapsulated in, the waste dump. The incremental cost for the explosive plant demolition and disposal is estimated to be \$140,800. It should be noted that \$108,400 of this cost is for transport. Under guidance from KIA/Shear we have included the cost of removing the concrete slab, however, we would recommend leaving the slab in place, knocking down the pony walls and footings and covering the slab with a layer of overburden.

### **Pit Rim Smoothing**

As per KIA/Shear request, we have estimated the cost to remove the pit rim ledge to improve visual warning at the pit rim. The portion of the pit rim on Inuit Owned Land is approximately 250 m. We expect that the rim can be smoothed with a Cat 345 excavator bucket, but have included some time for an excavator-mounted breaker. The incremental cost for the pit rim smoothing is estimated to be \$8,791.

### **Winter Road Access**

In the event the reclamation on IOL does not take place in conjunction with Crown Land reclamation, and assuming status quo regarding the Tibbitt to Contwoyto Winter Road, the project would bear the cost of the winter road fee from Ingraham trail to the Ekati turn-off and the cost of advancing the winter road from the Ekati turn-off to Jericho for two consecutive seasons. Because there are relatively few loads, it makes sense to take a campaign approach late in the season. Road building equipment would be moved to Lupin on a single pass behind a plow truck. This equipment would be staged at Lupin to construct the initial approach off Contwoyto Lake toward Jericho. Once the access to Jericho is established, the plow will re-open the section from Lupin to the Ekati turn-off. The plow will then lead the convoy of all required trucks through to site, off-load and return to the Ekati turn-off. The exception will be the Cat D10 dozer which will be off-loaded at shore and walked to site. The incremental cost for developing these accesses is estimated to be \$282,800 each season or \$565,600 for both seasons. The incremental cost for the TCWR road use fees is estimated to be \$119,000. Under guidance from KIA/Shear we have included these costs, however, we would note that the relative cost of this access would be a compelling reason to combine the reclamation of Crown and IOL.

### **Camp Catering**

Camp Catering for the duration of the reclamation is estimated at \$65,800 based on free usage of the existing camp. The estimate is based on \$70 per manday and includes only the contractor personnel associated with this estimate. Fuel to power the camp is estimated at \$48,400 based on temporary power from a 200 kW genset.

### **Flight Charters**

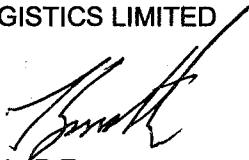
Flight Charters for the duration of the reclamation are estimated at \$66,700 based on a Beech 1900 aircraft operating from Yellowknife and Kugluktuk. The estimate is based on \$870 per person-flight calculated from a budgetary quote and based on a 75% fill factor. The estimate includes only the contractor personnel associated with this estimate.

If all of these additional items are added, the total cost would be \$3,151,800. It should be noted that we have included fuel at \$1.00 per litre and it is our understanding that there is 1.4 million litres currently available on site. If this were considered free-issue, the estimate would decrease \$150,000 to \$200,000.

Thank you for providing Nuna the opportunity to continue to provide assistance on the Jericho Project. Please contact me at 604.682.4667 or by email at [courts@nunalogistics.com](mailto:courts@nunalogistics.com) if you require additional information.

Yours truly,

NUNA LOGISTICS LIMITED  
per:



Court Smith, P.Eng.  
Vice President  
CS/sm

Attach:

cc: Geoffrey Clark, M.Sc., MBA, Kitikmeot Inuit Association (email: [geoff@qiniq.com](mailto:geoff@qiniq.com))  
Pamela Strand, M.Sc., P.Geol., Shear Minerals Ltd. (email: [pstrand@shearminerals.com](mailto:pstrand@shearminerals.com))  
Nuna Management Group



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 1: Cost Summary - 2011**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

22-Dec-10

C.D.S.

2011

Estimated Costs (\$ thousands)

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<b>Mobilization</b>													
Off-Site Preparations	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight	\$169.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$169.3
On-Site Assembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Labour</b>													
Supervision & Administration	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$23.0	\$106.2	\$102.7	\$0.0	\$0.0	\$0.0	\$0.0	\$231.9
Operations	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$168.3	\$162.9	\$0.0	\$0.0	\$0.0	\$0.0	\$331.1
Maintenance and Trades	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$26.9	\$26.0	\$0.0	\$0.0	\$0.0	\$0.0	\$52.8
Surveying	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$31.3	\$30.3	\$0.0	\$0.0	\$0.0	\$0.0	\$61.6
<b>Equipment</b>													
Production Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$120.9	\$102.9	\$0.0	\$0.0	\$0.0	\$0.0	\$223.9
Support Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$75.2	\$72.8	\$0.0	\$0.0	\$0.0	\$0.0	\$148.1
Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Surveying	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Other</b>													
Fuel/Lubes for Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$48.6	\$41.9	\$0.0	\$0.0	\$0.0	\$0.0	\$90.5
Permanent Materials	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$60.6	\$58.7	\$0.0	\$0.0	\$0.0	\$0.0	\$120.3
Services	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.1
Extraordinary Items	\$288.8	\$43.8	\$43.8	\$43.8	\$43.8	\$43.8	\$22.0	\$59.5	\$43.8	\$43.8	\$43.8	\$333.6	\$1,054.3
<b>Demobilization</b>													
On-Site Preparations	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
On-Site Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Contingency</b>	\$45.8	\$4.4	\$4.4	\$4.4	\$4.4	\$6.8	\$66.0	\$65.8	\$4.4	\$4.4	\$4.4	\$71.5	\$286.5
<b>Total Estimated Costs</b>	\$503.9	\$48.2	\$48.2	\$48.2	\$48.2	\$74.7	\$725.9	\$723.4	\$48.2	\$48.2	\$48.2	\$786.6	\$3,151.8

Operating Days

Shifts per Day

Labour Hours/Shift

Equipment Hours/Shift

Note: Fuel Costs are included in the costs. Transportation Costs are included in the costs. (in Labour Rates) Camp Catering Costs are not included in the costs. (in Camp Catering above)

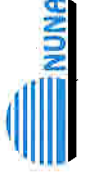


**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 2: Quantities Schedule - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	C.D.S.
	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
<b>Quantities (Dry Tonnes)</b>													
Waste Dump 1													
Contour and Shape Side Slopes													
Waste Dump 2													
Contour and Shape Side Slopes													
Coarse PK Stockpile													
Contour and Shape Side Slopes													
Overburden Cover													
Overburden to Waste Dump 1													
Overburden to Waste Dump 2													
Overburden to Coarse PK Stockpile													
Overburden to Other Areas													
<b>Other</b>													
Demolish Explosive Plant													
Transport Materials to Landfill													
Separate Materials for Offsite Disposal													
Contour Magazine Berms													
Contour and Shape Roads													
Contour and Shape Pads													
Contour and Shape Ditches													
Contour and Shape Ponds													
Contour and Shape Landfarm													
Slope Pit Rim													
<b>Total</b>													
tpd													



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 3: Quantity Equivalents - 2011**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

22-Dec-10

C.D.S.

2011

Quantity Equivalents	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<b>Equivalent Quantities (Dry Tonnes)</b>													
Waste Dump 1	-	-	-	-	-	-	418,950	22,050	-	-	-	-	441,000
Waste Dump 2	-	-	-	-	-	-	-	144,000	-	-	-	-	144,000
Coarse PK Stockpile	-	-	-	-	-	-	-	60,000	-	-	-	-	60,000
Overburden Cover	-	-	-	-	-	-	52,000	56,000	-	-	-	-	108,000
Other	-	-	-	-	-	-	1,200	7,800	-	-	-	-	9,000
<b>Total</b>	-	-	-	-	-	-	472,150	283,850	-	-	-	-	762,000
<b>Equivalent Quantities (Wet Tonnes)</b>													
Waste Dump 1	-	-	-	-	-	-	439,898	23,153	-	-	-	-	463,050
Waste Dump 2	-	-	-	-	-	-	-	151,200	-	-	-	-	151,200
Coarse PK Stockpile	-	-	-	-	-	-	-	63,000	-	-	-	-	63,000
Overburden Cover	-	-	-	-	-	-	54,600	58,800	-	-	-	-	113,400
Other	-	-	-	-	-	-	1,260	8,190	-	-	-	-	9,450
<b>Total</b>	-	-	-	-	-	-	495,758	304,343	-	-	-	-	800,100
<b>Equivalent Quantities (BCMs)</b>													
Waste Dump 1	-	-	-	-	-	-	167,580	8,820	-	-	-	-	176,400
Waste Dump 2	-	-	-	-	-	-	-	57,600	-	-	-	-	57,600
Coarse PK Stockpile	-	-	-	-	-	-	-	24,000	-	-	-	-	24,000
Overburden Cover	-	-	-	-	-	-	26,000	28,000	-	-	-	-	54,000
Other	-	-	-	-	-	-	480	3,120	-	-	-	-	3,600
<b>Total</b>	-	-	-	-	-	-	194,060	121,540	-	-	-	-	315,600
<b>Equivalent Quantities (LCMs)</b>													
Waste Dump 1	-	-	-	-	-	-	251,370	13,230	-	-	-	-	264,600
Waste Dump 2	-	-	-	-	-	-	-	86,400	-	-	-	-	86,400
Coarse PK Stockpile	-	-	-	-	-	-	-	36,000	-	-	-	-	36,000
Overburden Cover	-	-	-	-	-	-	33,800	36,400	-	-	-	-	70,200
Other	-	-	-	-	-	-	720	4,680	-	-	-	-	5,400
<b>Total</b>	-	-	-	-	-	-	285,890	176,710	-	-	-	-	462,600
<b>Equivalent Quantities (ECMs)</b>													
Waste Dump 1	-	-	-	-	-	-	209,475	11,025	-	-	-	-	220,500
Waste Dump 2	-	-	-	-	-	-	-	72,000	-	-	-	-	72,000
Coarse PK Stockpile	-	-	-	-	-	-	-	30,000	-	-	-	-	30,000
Overburden Cover	-	-	-	-	-	-	31,850	34,300	-	-	-	-	66,150
Other	-	-	-	-	-	-	600	3,900	-	-	-	-	4,500
<b>Total</b>	-	-	-	-	-	-	241,925	151,225	-	-	-	-	393,150



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 4: Haul Distances - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10  
 C.D.S.

Haul Distances	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Average
Total Average Haul Distance (km)													
Waste Dump 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Side Slopes	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste Dump 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Side Slopes	-	-	-	-	-	-	-	-	-	-	-	-	-
Coarse PK Stockpile	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Side Slopes	-	-	-	-	-	-	-	-	-	-	-	-	-
Overburden Cover	-	-	-	-	-	-	-	-	-	-	-	-	-
Overburden to Waste Dump 1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Overburden to Waste Dump 2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Overburden to Coarse PK Stockpile	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Overburden to Other Areas	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Explosive Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport Materials to Landfill	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Separate Materials for Offsite Dispo	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour Magazine Berms	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Roads	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Pads	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Ditches	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Ponds	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour and Shape Landfarm	-	-	-	-	-	-	-	-	-	-	-	-	-
Slope Pit Rim	-	-	-	-	-	-	-	-	-	-	-	-	-
Weighted Average	-	-	-	-	-	-	0.1	0.2	-	-	-	-	0.2



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 5: Cycle Times - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10

Average Truck Cycle Times Cat 990 Loaders loading Cat D300/730 Trucks (min)	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	C.D.S. 2011 Average
	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	
Waste Dump 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste Dump 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Coarse PK Stockpile	-	-	-	-	-	-	12.6	11.7	-	-	-	-	-
Overburden Cover	-	-	-	-	-	-	13.2	-	-	-	-	-	12.1
Other	-	-	-	-	-	-	-	-	-	-	-	-	1.8
Weighted Average	-	-	-	-	-	-	1.5	2.4	-	-	-	-	1.9





**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 6: Loading Parameters & Truck Requirements - 2011**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

22-Dec-10

C.D.S.

2011

Total

Loading Parameters	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Percent of Material - Cat 980 Loaders Loading Cat D300/730 Trucks	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	
Overburden Cover	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weighted Average	0%	0%	0%	0%	0%	0%	6%	10%	0%	0%	0%	0%	8%

**Dozing Parameters**

Requirement for Pushing to Loaders (as a percentage of Loader hours)

Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Requirement for Dozing Waste Dump 1 (as a percentage of Waste Dump 1)

Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Requirement for Dozing Waste Dump 2 (as a percentage of Waste Dump 2)

Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Requirement for Dozing Coarse PK Stockpile (as a percentage of Coarse PK Stockpile)

Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Requirement for Dozing Overburden Cover (as a percentage of Overburden Cover)

Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Requirement for Dozing Other (as a percentage of Other)

Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 7: Load and Haul Equipment Requirements - 2011**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

22-Dec-10

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<b>Load and Haul Equipment</b>													
Operating Hours													
Cat D300/730 Trucks	-	-	-	-	-	-	287	286	-	-	-	-	573
Cat 980 Loaders	-	-	-	-	-	-	80	87	-	-	-	-	167
Cat D10 Dozers	-	-	-	-	-	-	292	218	-	-	-	-	510
<b>Equipment Required to Meet Production</b>													
Cat D300/730 Trucks	-	-	-	-	-	-	0.88	0.91	-	-	-	-	-
Cat 980 Loaders	-	-	-	-	-	-	0.25	0.28	-	-	-	-	-
Cat D10 Dozers	-	-	-	-	-	-	0.90	0.89	-	-	-	-	-
<b>Equipment Required on Site</b>													
Cat D300/730 Trucks	-	-	-	-	-	-	2	2	-	-	-	-	-
Cat 980 Loaders	-	-	-	-	-	-	1	1	-	-	-	-	-
Cat D10 Dozers	-	-	-	-	-	-	2	1	-	-	-	-	-
<b>Production Equipment Costs (\$ thousands)</b>													
Cat D300/730 Trucks	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35.8	\$ 35.7	\$ -	\$ -	\$ -	\$ -	\$ 71.5
Cat 980 Loaders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11.6	\$ 12.5	\$ -	\$ -	\$ -	\$ -	\$ 24.1
Cat D10 Dozers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73.6	\$ 54.8	\$ -	\$ -	\$ -	\$ -	\$ 128.3
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 120.9</b>	<b>\$ 102.9</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 223.9</b>

Note: Equipment Hours reflects requirement before taking availability and usage into account. Equipment on-site reflects the requirement after taking availability and usage into account.



**Nuna Group of Companies**

**Kitikmeot Inuit Association and Shear Minerals**

**Jericho Reclamation - Inuit Owned Lands**

**Schedule 8: Support Equipment (Hourly) - 2011**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

22-Dec-10

C.D.S.

2011

Total

**Support Equipment (Hourly)**

**Support Equipment Operating Hours**

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
Cat 16 Grader	-	-	-	-	-	-	98	95	-	-	-	-	192
Cat 345 Excavators	-	-	-	-	-	-	49	47	-	-	-	-	96
Fuel/Lube Truck	-	-	-	-	-	-	163	158	-	-	-	-	320
Mechanic/Welder Truck	-	-	-	-	-	-	107	104	-	-	-	-	211

**Support Equipment Required On-Site**

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
Cat 16 Grader	-	-	-	-	-	-	1	1	-	-	-	-	2
Cat 345 Excavators	-	-	-	-	-	-	1	1	-	-	-	-	2
Fuel/Lube Truck	-	-	-	-	-	-	1	1	-	-	-	-	2
Mechanic/Welder Truck	-	-	-	-	-	-	1	1	-	-	-	-	2

**Support Equipment Costs (\$ thousands)**

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
Cat 16 Grader	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15.2	\$ 14.8	\$ -	\$ -	\$ -	\$ -	\$ 30.0
Cat 345 Excavators	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9.3	\$ 9.0	\$ -	\$ -	\$ -	\$ -	\$ 18.4
Fuel/Lube Truck	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16.7	\$ 16.2	\$ -	\$ -	\$ -	\$ -	\$ 32.8
Mechanic/Welder Truck	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.1	\$ 5.9	\$ -	\$ -	\$ -	\$ -	\$ 11.9
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 47.3</b>	<b>\$ 45.8</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 93.2</b>

Note: Equipment Hours reflects requirement before taking availability and usage into account. Equipment on-site reflects the requirement after taking availability and usage into account.



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 9: Support Equipment (Monthly) - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	2011 Total
<b>Support Equipment (Monthly)</b>													
<b>Support Equipment Operating Hours</b>													
Tractor/Lowboy (85 tonne)	-	-	-	-	-	-	33	32	-	-	-	-	64
F550 Flatdeck	-	-	-	-	-	-	228	221	-	-	-	-	448
Crewcab	-	-	-	-	-	-	684	662	-	-	-	-	1,345
Light Tower	-	-	-	-	-	-	130	126	-	-	-	-	256
<b>Support Equipment Required On-Site</b>													
Tractor/Lowboy (85 tonne)	-	-	-	-	-	-	1	1	-	-	-	-	-
F550 Flatdeck	-	-	-	-	-	-	1	1	-	-	-	-	-
Crewcab	-	-	-	-	-	-	3	3	-	-	-	-	-
Light Tower	-	-	-	-	-	-	2	2	-	-	-	-	-
<b>Support Equipment Costs (\$ thousands)</b>													
Tractor/Lowboy (85 tonne)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.1	\$ 9.8	\$ -	\$ -	\$ -	\$ -	\$ 20.0
F550 Flatdeck	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.0	\$ 3.9	\$ -	\$ -	\$ -	\$ -	\$ 7.9
Crewcab	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.4	\$ 10.0	\$ -	\$ -	\$ -	\$ -	\$ 20.4
Light Tower	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.3	\$ 3.2	\$ -	\$ -	\$ -	\$ -	\$ 6.5
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27.9	\$ 27.0	\$ -	\$ -	\$ -	\$ -	\$ 54.9

Note: Equipment Hours reflects requirement before taking availability and usage into account. Equipment on-site reflects the requirement after taking availability and usage into account.



# Nuna Group of Companies

## Kitikmeot Inuit Association and Shear Minerals

### Jericho Reclamation - Inuit Owned Lands

### Schedule 10: Labour Requirements - 2011

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

22-Dec-10

C.D.S.

2011

Total

#### Labour Requirement (per 24 hour day)

##### Supervision & Administration

Project Manager

Foreman

Safety Superintendent

Administrator

##### Operations

Excavator Operator - Finish

Loader Operator (988+)

Dozer Operator (D8+)

Grader Operator

Operator (multi-purpose)

Rock Trucks (<789)

Labour (entry level)

##### Maintenance and Trades

Mechanic Level 1 Journeyman

Welder Level 1 Journeyman

Serviceman (fuel & lube)

##### Surveying

Survey Crew Chief

#### Total On-Site (per 24 hour day)

870

62



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 11: Manhours Estimate - 2011**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

22-Dec-10

C.D.S.

2011

Total

Manhours - (Includes Incidentals O/T)	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<u>Supervision &amp; Administration</u>													
Project Manager	-	-	-	-	-	186	372	360	-	-	-	-	918
Foreman	-	-	-	-	-	-	-	-	-	-	-	-	-
Safety Superintendent	-	-	-	-	-	-	372	360	-	-	-	-	732
Administrator	-	-	-	-	-	-	372	360	-	-	-	-	732
<u>Operations</u>													
Excavator Operator - Finish	-	-	-	-	-	-	372	360	-	-	-	-	732
Loader Operator (988+)	-	-	-	-	-	-	372	360	-	-	-	-	732
Dozer Operator (D8+)	-	-	-	-	-	-	372	360	-	-	-	-	732
Grader Operator	-	-	-	-	-	-	372	360	-	-	-	-	732
Operator (multi-purpose)	-	-	-	-	-	-	-	-	-	-	-	-	-
Rock Trucks (<789)	-	-	-	-	-	-	372	360	-	-	-	-	732
Labour (entry level)	-	-	-	-	-	-	744	720	-	-	-	-	1,464
<u>Maintenance and Trades</u>													
Mechanic Level 1 Journeyman	-	-	-	-	-	-	372	360	-	-	-	-	732
Welder Level 1 Journeyman	-	-	-	-	-	-	372	360	-	-	-	-	732
Serviceman (fuel & lube)	-	-	-	-	-	-	372	360	-	-	-	-	732
<u>Surveying</u>													
Survey Crew Chief	-	-	-	-	-	-	372	360	-	-	-	-	732
<b>Total Manhours</b>	-	-	-	-	-	186	6,208	5,040	-	-	-	-	10,434



**Nuna Group of Companies**

**Kitikmeot Inuit Association and Shear Minerals**

**Jericho Reclamation - Inuit Owned Lands**

**Schedule 12: Labour Cost Estimate - 2011**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

22-Dec-10

C.D.S.

2011

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<b>Labour Cost (\$ thousands)</b>													
<b>Supervision &amp; Administration</b>													
Project Manager	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23.0	\$ 46.1	\$ 44.6	\$ -	\$ -	\$ -	\$ -	\$ 113.7
Foreman	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Superintendent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34.4	\$ 33.3	\$ -	\$ -	\$ -	\$ -	\$ 67.7
Administrator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25.7	\$ 24.9	\$ -	\$ -	\$ -	\$ -	\$ 50.5
<b>Operations</b>													
Excavator Operator - Finish	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.7	\$ 25.8	\$ -	\$ -	\$ -	\$ -	\$ 52.5
Loader Operator (988+)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27.1	\$ 26.2	\$ -	\$ -	\$ -	\$ -	\$ 53.3
Dozer Operator (D8+)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25.6	\$ 24.8	\$ -	\$ -	\$ -	\$ -	\$ 50.4
Grader Operator	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25.6	\$ 24.8	\$ -	\$ -	\$ -	\$ -	\$ 50.4
Operator (multi-purpose)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rock Trucks (<789)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23.4	\$ 22.7	\$ -	\$ -	\$ -	\$ -	\$ 46.1
Labour (entry level)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39.9	\$ 38.6	\$ -	\$ -	\$ -	\$ -	\$ 78.6
<b>Maintenance and Trades</b>													
Mechanic Level 1 Journeyman	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	\$ -
Welder Level 1 Journeyman	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	\$ -
Serviceman (fuel & lube)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26.9	\$ 26.0	\$ -	\$ -	\$ -	\$ -	\$ 52.8
Surveying	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31.3	\$ 30.3	\$ -	\$ -	\$ -	\$ -	\$ 61.6
Survey Crew Chief	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Labour Cost Estimate</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23.0	\$ 332.6	\$ 321.9	\$ -	\$ -	\$ -	\$ -	\$ 677.5

Note: Supervisory & Administration Personnel denoted N/C are non-chargeable (included as overheads in hourly rates). Mechanics & Welders denoted N/C are non-chargeable (included in equipment rates).



**Nuna Group of Companies**  
**K'itkmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 13: Mobilization & Demobilization - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10

C.D.S.

2011

Total

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<b>Mobilization</b>													
Land Freight													
Loads to Site from Yellowknife	4	-	-	-	-	-	-	-	-	-	-	-	
Loads to Site from Edmonton	8	-	-	-	-	-	-	-	-	-	-	-	
<b>Mobilization &amp; Freight Costs (\$ thousands)</b>													
Preparation Off-Site	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight to Site from Yellowknife	\$39.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$39.4
Freight to Site from Edmonton	\$129.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$129.9
Mobile Equipment Assembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Support Equipment Setup	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Facilities Setup	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	\$169.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$169.3

<b>Demobilization</b>													
Land Freight													
Loads from Site to Yellowknife	-	-	-	-	-	-	-	-	-	-	-	-	
Loads from Site to Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Demobilization &amp; Freight Costs (\$ thousands)</b>													
Preparation On-Site	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight from Site to Yellowknife	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$137.9	\$137.9
Freight from Site to Edmonton	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$243.6	\$243.6
Mobile Equipment Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Support Equipment Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Facilities Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$381.5	\$381.5





**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Schedule 14: Materials and Services - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
C.D.S. 2011													
<b>Permanent Materials (\$ thousands)</b>													
None	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Services (\$ thousands)</b>													
Camp Catering	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$30.4	\$29.4	\$0.0	\$0.0	\$0.0	\$0.0	\$59.8
Charters (Kugluktuk & Yellowknife)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.1	\$30.2	\$29.3	\$0.0	\$0.0	\$0.0	\$0.0	\$60.6
	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.1	\$60.6	\$58.7	\$0.0	\$0.0	\$0.0	\$0.0	\$120.3
<b>Extraordinary Items (\$ thousands)</b>													
Unit Price Items (Separate Detail)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Equipment Carrying Costs	\$0.0	\$43.8	\$43.8	\$43.8	\$43.8	\$43.8	\$0.0	\$0.0	\$43.8	\$43.8	\$43.8	\$0.0	\$350.4
Camp Fuel (200KW, 22,000/lmo)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$22.0	\$22.0	\$0.0	\$0.0	\$0.0	\$0.0	\$44.0
TOWR fee	\$31.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$76.5	\$108.2
Explosives Plant Demolition	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$29.5	\$0.0	\$0.0	\$0.0	\$0.0	\$29.5
Winter Road Construction	\$257.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$257.1	\$514.2
Pit Rim Smoothing	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$8.0	\$0.0	\$0.0	\$0.0	\$0.0	\$8.0
	\$288.8	\$43.8	\$43.8	\$43.8	\$43.8	\$43.8	\$22.0	\$59.5	\$43.8	\$43.8	\$43.8	\$333.6	\$1,054.3



**Nuna Group of Companies**  
**Kitikmeot Inuit Association and Shear Minerals**  
**Jericho Reclamation - Inuit Owned Lands**

**Attachment A: Fuel Requirements - 2011**  
 Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.  
 22-Dec-10

	Jan Month 1	Feb Month 2	Mar Month 3	Apr Month 4	May Month 5	June Month 6	July Month 7	Aug Month 8	Sept Month 9	Oct Month 10	Nov Month 11	Dec Month 12	Total
<b>Fuel Consumption (Litres)</b>													
Load and Haul Equipment													
Cat D300/730 Trucks	-	-	-	-	-	-	8,042	8,013	-	-	-	-	16,055
Cat 980 Loaders	-	-	-	-	-	-	2,656	2,861	-	-	-	-	5,517
Cat D10 Dozers	-	-	-	-	-	-	24,550	18,277	-	-	-	-	42,827
<b>Support Equipment (Hourly)</b>													
Cat 16 Grader	-	-	-	-	-	-	3,418	3,308	-	-	-	-	6,725
Cat 345 Excavators	-	-	-	-	-	-	1,953	1,890	-	-	-	-	3,843
Cat 1128/930 Tool Carrier	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel/Lube Truck	-	-	-	-	-	-	2,441	2,363	-	-	-	-	4,804
<b>Support Equipment (Monthly)</b>													
Tractor/Lowboy (85 tonne)	-	-	-	-	-	-	651	630	-	-	-	-	1,281
F550 Flatdeck	-	-	-	-	-	-	684	682	-	-	-	-	1,345
Crewcab	-	-	-	-	-	-	1,367	1,323	-	-	-	-	2,690
Light Tower	-	-	-	-	-	-	781	756	-	-	-	-	1,537
<b>Total Litres</b>	-	-	-	-	-	-	46,543	40,082	-	-	-	-	86,625

Note: Fuel Costs are included in Nuna Logistics Total Costs.



# **Permitting Stage**

**June, 2003**

Jericho Site Reclamation – Inuit-Owned Lands Only  
December 22, 2010



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Email [general@nunalogistics.com](mailto:general@nunalogistics.com)

July 4, 2003

CS

Andrew Gottwald  
Vice President - Finance Administration  
Tahera Corporation  
Suite 803, 121 Richmond St. West  
Toronto, ON  
M5H 2K1

Dear Sir:

**RE: UPDATED RECLAMATION COST ESTIMATE - JERICHO PROJECT**

Nuna Logistics and Tahera Corporation developed a Reclamation Cost Estimate for the Jericho Project in June 2000. The estimate was based on an agreed scope of work and then current contractor rates on a time and material basis.

The cost estimate has been recently updated due to labour and equipment rates escalation.

The updated cost of reclaiming the Jericho site is expected to be as follows:

**YEAR 2008 - RECLAIM THE TWO WASTE DUMPS**

**\$657,280**

This work would be incremental to the final year of open pit mining. Most of the work would occur during the summer season, with the final completion of Dump 2 to coincide with the finish of the open pit mining.

The work would require the following heavy equipment time:

D10 Dozer	617 Hours
992 Loader	282 Hours
777 Trucks	846 Hours
16G Grader	141 Hours

The work will require 140,000 litres of fuel.

**YEAR 2014 – RECLAIM THE REMAINING SITE**

**\$4,955,381**

This work would require a dedicated crew after the completion of all mining activities. We have included the costs for the use of Tahera's equipment and facilities assuming Nuna Logistics' rates for similar equipment and facilities. We have assumed that the full dismantling of facilities and equipment can be completed in three months.

Aside from the Tahera equipment, Nuna Logistics would mobilize a D10 dozer, two D300 trucks, 16G grader, and a large all-terrain crane.

The cost breakdown is as follows:

Earthworks	\$ 863,419	
Mobilization and Demobilization	285,000	(Nuna Equipment)
Facilities Disassembly	2,269,698	
Administration	697,264	
Support Equipment	150,000	
Tails Dam Liner	150,000	
Support Facilities	<u>540,000</u>	
	<u>\$ 4,955,381</u>	

The work will require the following heavy equipment time:

D10 Dozer	585 Hours
777 Trucks	1,283 Hours
992 loader	428 Hours
16G Grader	214 Hours

The work will require 900,000 litres of fuel.

**YEAR 2015 – OUTBOUND FREIGHT**

**\$928,800**

The outbound freight is based on 129 loads and was estimated based on an estimate by Serge Benoit.

**SUMMARY**

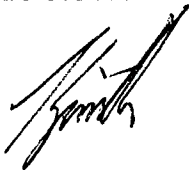
Year 2008	\$ 657,280
Year 2014	4,955,381
Year 2015	<u>928,800</u>
	\$ 6,541,461
Contingency	<u>654,146</u>
	<u>\$ 7,195,607</u>

The above estimate summarizes a calculation sheet prepared by Serge Benoit of Tahera Corporation. The calculation sheet uses a revised quantities schedule prepared by Tahera Corporation and uses similar assumptions, productivities, etc. to the original calculation sheet prepared by Nuna Logistics.

We have made no allowance for risk items. The estimated costs are expressed in Year 2003 Canadian Dollars.

Yours truly,

NUNA LOGISTICS LIMITED

A handwritten signature in black ink, appearing to read 'Courtland Smith', is written over the company name.

Courtland Smith, P.Eng.  
Vice President  
CS/jaz

**TAHERA CORPORATION**  
**JERICO DIAMOND PROJECT - REVISED FEASIBILITY STUDY - JUNE 2003**  
**RECLAMATION COSTS**

**Assumptions:**

**Waste Dump 1 and 2**

Reclaimed at end of open pit year 5

Edges will be sloped, Upper bench will be covered with 0.3m of overburden

**Tailings Area**

A liner will be installed to cover the fine kimberlite rejects at a cost of \$1/m

East Cell will be reclaimed prior to the end of operation

West Cell will be reclaimed at the end of processing

0.5m of coarse tailings will be deposited on the liner

0.3m of overburden will be deposited on the coarse kimberlite rejects

**Pads**

Edges will be dozed by 5m

Flat portion will be scarified, not covered

**Roads**

5m on shoulder dozed and covered

Flat portion will be scarified, not covered

**Coarse Kimberlite Rejects Dump**

Slopes will be dozed down then covered with 0.3m of overburden

Upper bench will also be covered with 0.3m of overburden

**Low Grade Stockpile**

Edges will be dozed down

Upper Bench will be covered

**Reclaim Waste Dumps at the end of Open Pit using Mining Contractor Equipment**

**Contour**

**Assume D10 can contour at a rate of:**

1,000 m<sup>2</sup>/hr

**Waste Dump #1**

Waste Dump #1 Slope Length

123 m

Waste Dump #1 Perimeter

1,993 m

Waste Dump #1 Final Contour

245,139 m<sup>2</sup>

Approximate Time to Contour

245 hrs

**Waste Dump #2**

Waste Dump #2 Slope Length

123 m

Waste Dump #2 Perimeter

1,919 m

Waste Dump #2 Final Contour

236,037 m<sup>2</sup>

Approximate Time to Contour

236 hrs

**Cover with Overburden**

**Assume D10 Pushes at a rate of:**

1,000 m<sup>3</sup>/hr

**Cap over Waste Dumps**

0.3 m

**Waste Dump #1**

Last Bench Area

229,013 m<sup>2</sup>

Overburden to Spread

68,704 m<sup>3</sup>

Approximate Time to Spread

69 hrs

**Waste Dump #2**

Last Bench Area

222,430 m<sup>2</sup>

Overburden to Spread

66,729 m<sup>3</sup>

Approximate Time to Spread

67 hrs

**Total D10 Hours Required**

**617 hrs**

**TAHERA CORPORATION**  
**JERICO DIAMOND PROJECT - REVISED FEASIBILITY STUDY - JUNE 2003**  
**RECLAMATION COSTS**

**Reclaim Waste Dumps at the end of Open Pit using Mining Contractor Equipment**

<b>Load and Haul Overburden</b>			
Cycle time 992 loader (min/load)	4	min/load	
Cycle time 992 loader (load/hr)	12	load/hr	
Cycle time 777 Off-Highway Truck (min/load)	15	min/load	
Cycle time 777 Off-Highway Truck (load/hr)	4	load/hr	
Number of 992 Loaders Used	1		
Number of 777 Off-Highway Trucks Used	3		
Total Cycles Available - 992 Loader	12	(load/hr)	
Total Cycles Available - 777 Off-Highway Truck	12	(load/hr)	
Capacity (m <sup>3</sup> /hr)	50	m <sup>3</sup> /hr	
Capacity (LCM's/hr)	600	LCM's/hr	
Capacity (ECM's/hr)	480	ECM's/hr	
Quantity Waste Dump #1	68,704	m <sup>3</sup>	
Quantity Waste Dump #2	66,729	m <sup>3</sup>	
	<u>135,433</u>	<u>m<sup>3</sup></u>	
<b>Total 992 Loader Hours Required</b>	135,433	/ 480 x 1 machine	<b>282 hrs</b>
<b>Total 777 Off-Highway Truck Hours Required</b>	135,433	/ 480 x 3 machine	<b>846 hrs</b>

Equipment	Fuel/hr (litres)	Total Hrs	Machine \$ Cost/hr	Operator \$ Cost/hr	Machine Cost \$	Operator Cost \$	Fuel Cost \$	Total Cost \$
D10	84	617	259	58.80	159,803	36,280	38,871	234,954
992	78	282	290	58.80	81,780	16,582	16,497	114,859
777	70	846	219	54.47	185,274	46,082	44,415	275,771
16G	44	141	133	58.80	18,753	8,291	4,653	31,697
<b>Cost to Reclaim Waste Dumps</b>					<u>445,610</u>	<u>107,234</u>	<u>104,436</u>	<b>657,280</b>



TAHERA CORPORATION  
JERICHO DIAMOND PROJECT - REVISED FEASIBILITY STUDY - JUNE 2003  
RECLAMATION COSTS

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Reclaim Remaining Area

<b>Contour</b>	
Assume D10 can contour at a rate of:	1,000 m <sup>2</sup> /hr
<b>Tailings Dam</b>	
Distance to Contour	1,000 m
Area to Contour	60 m <sup>2</sup> /m
Total Area to Contour	60,000 m <sup>2</sup>
<b>Roads</b>	
Distance to Contour	15,000 m
Area to Contour	10 m <sup>2</sup> /m
Total Area to Contour	150,000 m <sup>2</sup>
<b>Pads</b>	
Distance to Contour	5,000 m
Area to Contour	5 m <sup>2</sup> /m
Total Area to Contour	25,000 m <sup>2</sup>
Coarse Tailings Waste Dump	75,000 m <sup>2</sup>
Low Grade Stockpile	70,000 m <sup>2</sup>
Total Area to Contour	<u>380,000</u> m <sup>2</sup>
Total D10 Hours Required	380 hrs

**TAHERA CORPORATION**  
**JERICO DIAMOND PROJECT - REVISED FEASIBILITY STUDY - JUNE 2003**  
**RECLAMATION COSTS**

**Reclaim Remaining Area**

<b>Disturbance Areas to Cover</b>		
<b>Tailings Dam Overburden</b>		
Area to Cover	150,000 m <sup>2</sup>	
Volume of Overburden @ 0.3m		45,000 m <sup>3</sup>
<b>Tailings Dam Coarse Rejects</b>		
Area to Cover	150,000 m <sup>2</sup>	
Volume of Overburden @ 0.5m		75,000 m <sup>3</sup>
<b>Roads</b>		
Distance 6m Roads	3,500 m	
Area to Cover / Meter	10 m <sup>2</sup>	
Area to Cover	35,000 m <sup>2</sup>	
Volume of Overburden @ 0.3m		10,500 m <sup>3</sup>
Distance 9m Roads	9,000 m	
Area to Cover / Meter	10 m <sup>2</sup>	
Area to Cover	90,000 m <sup>2</sup>	
Volume of Overburden @ 0.3m		27,000 m <sup>3</sup>
Distance 18m Roads	2,000 m	
Area to Cover / Meter	10 m <sup>2</sup>	
Area to Cover	20,000 m <sup>2</sup>	
Volume of Overburden @ 0.3m		6,000 m <sup>3</sup>
<b>Pads</b>		
Area to Cover	25,000 m <sup>2</sup>	
Volume of Overburden @ 0.3m		7,500 m <sup>3</sup>
<b>Coarse Tailings Waste Dump</b>		
Area to Cover	99,400 m <sup>2</sup>	
Volume of Overburden @ 0.3m		29,820 m <sup>3</sup>
<b>Low Grade Stockpile</b>		
Area to Cover	15,000 m <sup>2</sup>	
Volume of Overburden @ 0.3m		4,500 m <sup>3</sup>
<b>Total Area to Cover</b>		<b>205,320 m<sup>3</sup></b>
<b>Capacity (ECM's/hr)</b>		<b>480 ECM's/hr</b>
<b>Total D10 Hours Required</b>	205,320 / 1,000	<b>205 hrs</b>
<b>Total 992 Loader Hours Required</b>	205,320 / 480 x 1 machine	<b>428 hrs</b>
<b>Total 777 Off-Highway Truck Hours Required</b>	205,320 / 480 x 3 machine	<b>1283 hrs</b>

Equipment	Fuel/hr (litres)	Total Hrs	Machine \$ Cost/hr	Operator \$ Cost/hr	Machine Cost \$	Operator Cost \$	Fuel Cost \$	Total Cost \$
D10	84	585	259	58.80	151,515	34,398	36,855	222,768
992	78	428	290	58.80	124,120	25,166	25,038	174,324
777	70	1283	219	54.47	280,977	69,885	67,358	418,220
16G	44	214	133	58.80	28,462	12,583	7,062	48,107
<b>Cost to Reclaim Remaining Area</b>					<b>585,074</b>	<b>142,033</b>	<b>136,313</b>	<b>863,419</b>

**TAHERA CORPORATION**  
**JERICO DIAMOND PROJECT - REVISED FEASIBILITY STUDY - JUNE 2003**  
**RECLAMATION COSTS**

Mobilization and Demobilization	Cost	# of Units	Total Cost \$
D10	30,000	2	60,000
992	15,000	2	30,000
777	45,000	3	135,000
16G	60,000	1	60,000
		<u>8</u>	<u>285,000</u>

Tailings Dam Liner Cover			
Total Area		m <sup>2</sup>	110,000
Cost per m <sup>2</sup>		\$	1
Cost for material		\$	110,000
Cost to install		\$	40,000
			<u>150,000</u>

Disassembly of Facilities	Machine \$ Cost/hr	Operator \$ Cost/hr	Machine Cost \$	Operator Cost \$	Fuel Cost \$	Total Cost \$
Crane	220	63.14	642,048	184,268		826,316
Welders and Riggers		64.58	n/a	565,411		565,411
Labourers		50.14	n/a	877,971		877,971
			<u>642,048</u>	<u>1,627,650</u>	<u>0</u>	<u>2,269,698</u>
	# of Operators	Months	Days/Month	Hrs/Day		
Crane		6	30.4	16		
Welders and Riggers	4	6	30.4	12		
Labourers	8	6	30.4	12		

Nuna Overheads	# of Operators	Months	Days/Month	Hrs/Day	Operator \$ Cost/hr	Total Cost \$
Site Supervisors	1	6	30.4	12	81.91	179,285
Foreman	2	6	30.4	12	62.41	273,206
Safety	1	6	30.4	12	58.80	128,701
Administrator	1	6	30.4	12	53	116,072
						<u>697,264</u>

Support Equipment	150,000
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Support Facilities	Months	Cost per Month	540,000
	6	90,000	

**TAHERA CORPORATION**  
**JERICO DIAMOND PROJECT - REVISED FEASIBILITY STUDY - JUNE 2003**  
**RECLAMATION COSTS**

Transport South Bound Year 11		# of Loads	Cost per Load	Total Cost \$
	Building	51		
	Plant facilities	24		
	Gen Sets	4		
	Fuel Tanks	10		
	Mobile Equipment	10		
	Misc.	30		
		<u>129</u>	7,200	<b>928,800</b>

<b>Subtotal</b>	6,541,461
<b>Contingency - 10%</b>	<u>654,146</u>
<b>Total Cost Including Contingency</b>	<b>7,195,607</b>

# **Allocation Stage**

## **September, 2003**

Jericho Site Reclamation – Inuit-Owned Lands Only  
December 22, 2010



**Executive Office**  
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Email [general@nunalogistics.com](mailto:general@nunalogistics.com)

September 29, 2003

CS

Greg Missal, B.Sc.  
Vice President, Nunavut Affairs  
Tahera Corporation  
Suite 803, 121 Richmond Street West  
Toronto, Ontario  
M5H 2K1

Dear Sir:

**RE: JERICHO RECLAMATION COST ESTIMATE - CROWN VS. INUIT OWNED LAND, ALLOCATION**

Further to my letter of September 26 regarding the above, I offer the attachment as clarification to my reclamation cost estimate allocated between Crown Land and Inuit Owned Land (IOL):

Crown Lands	\$ 5,945,174
Inuit Owned Lands (IOL)	<u>1,250,433</u>
	<u>\$ 7,195,607</u>

Please call me at (604) 682-4667 if you require further information.

Yours truly,

NUNA LOGISTICS LIMITED

A handwritten signature in black ink, appearing to read "Court Smith", written over a horizontal line.

Court Smith, P.Eng.  
Vice President  
CS/jm

**Jericho Diamond Project Reclamation Cost Estimate**  
**Allocation between Crown Land and Inuit Owned Land (IOL)**  
**Based on Tahera Corporation**  
**Revised Feasibility Study June 2003 - Reclamation Cost Estimate**

**Waste Dumps Mt Calculation**

Reference Proposed Land Lease Sketches for Crown Land and Inuit Owned Land

Location	Total Mt	Crown Approximate		IOL Approximate	
		Mt %	Mt	Mt %	Mt
Dump 1	6.9	60%	4.1	40%	2.8
Dump 2	6.0	15%	0.9	85%	5.1
Overburden	1.6	0%	0.0	100%	1.6
<b>Total</b>	<b>14.5</b>	<b>34%</b>	<b>5.0</b>	<b>66%</b>	<b>9.5</b>

**Waste Dumps Reclamation Cost Estimate**

Total Cost Estimate - Reclaim Waste Dumps			\$ 657,280
Reclaim Crown Waste Dumps	34% x \$ 657,280 =		\$ 223,500
Reclaim IOL Waste Dumps	66% x \$ 657,280 =		\$ 433,780

**Remaining Areas**

Location	Total m <sup>2</sup>	Crown Approximate		IOL Approximate	
		m <sup>2</sup> %	m <sup>2</sup>	m <sup>2</sup> %	m <sup>2</sup>
Tailings	60,000	100%	60,000	0%	0
Roads	150,000	50%	75,000	50%	75,000
Pads	25,000	100%	25,000	0%	0
Coarse Tails	75,000	66%	50,000	34%	25,000
Low Grade	70,000	86%	60,000	18%	10,000
<b>Total</b>	<b>380,000</b>	<b>71%</b>	<b>270,000</b>	<b>29%</b>	<b>110,000</b>

**Remaining Areas Reclamation Cost Estimate**

Total Cost Estimate - Remaining Areas			\$ 863,419
Reclaim Crown Remaining Areas	71% x \$ 863,419 =		\$ 613,027
Reclaim IOL Remaining Areas	29% x \$ 863,419 =		\$ 250,392

### **100% Crown Areas**

Location	Estimated Cost Total	Crown Approximate		IOL Approximate	
		\$ %	\$	\$ %	\$
Tailings Dam Liner Cover	\$ 150,000	100%	\$ 150,000	0%	0
Facilities	\$ 2,269,698	100%	\$ 2,269,698	0%	0
<b>Total</b>	<b>\$ 2,419,698</b>	<b>100%</b>	<b>\$ 2,419,698</b>	<b>0%</b>	<b>\$ 0</b>

### **Shared Items % Basis**

Location	Estimated Cost Total	Crown Approximate		IOL Approximate	
		\$ %	\$	\$ %	\$
Mobilization/ Demobilization	\$ 285,000				
Overhead	\$ 697,264				
Support Equipment	\$ 150,000				
Support Facilities	\$ 540,000				
Transport	\$ 928,800				
<b>Total</b>	<b>\$ 2,601,064</b>	<b>82.6%</b>	<b>\$ 2,148,479</b>	<b>17.4%</b>	<b>\$ 452,585</b>

### **Cumulative Total Estimated Reclamation Cost**

Location	Estimated Cost Total	Crown Approximate		IOL Approximate	
		\$ %	\$	\$ %	\$
Waste Dumps	\$ 657,280	34%	\$ 223,500	66%	\$ 433,780
Remaining Areas	\$ 863,419	71%	\$ 613,027	29%	\$ 250,392
100% Crown Items	\$ 2,419,698	100%	\$ 2,419,698	0%	\$ 0
Shared Items	\$ 2,601,064	83%	\$ 2,148,479	17%	\$ 452,585
Sub-Total	\$ 6,541,461		\$ 5,404,704		\$ 1,136,757
Plus 10%	\$ 654,146		\$ 540,470		\$ 113,676
<b>Cumulative Total</b>	<b>\$ 7,195,607</b>		<b>\$ 5,945,174</b>		<b>\$ 1,250,433</b>



# **Allocation**

**December, 2004**

Jericho Site Reclamation – Inuit-Owned Lands Only  
December 22, 2010

**Tahera Diamond Corporation****Jericho Diamond Project, Nunavut****Reconciliation Between Inuit Owned Land (IOL) and Crown Owned Land (COL)**As at December 6, 2004 - Prepared by Court Smith, P.Eng., Nuna Logistics Limited

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**Common Items**

Mobilization/Demobilization	\$	940,830
Overheads	\$	899,531
Support Facilities	\$	1,088,784
Southbound Transportation	\$	846,000
Monitoring	\$	200,000
Construction	\$	843,633
	\$	<u>4,818,778</u>

**Facilities**All Facilities on COL Except AN Storage  
Pad, Emulsion Plant, Explosives

Magazines

10% of 3,114,648 IOL	311,465
90% of 3,114,648 COL	2,803,183

**Waste Rock Piles**

90% IOL (of 560,867)	504,780
10% COL (of 560,867)	56,087

**PKC & Remaining Areas**

Course PK is 74/580 --&gt;13%

Coarse PK on IOL Approx 40% --&gt;6%

Rest on Crown Land

IOL	47,140
COL	738,526

Total Inuit Owned Land (19.35%)	863,385
Total Crown Owned Land	<u>3,597,796</u>

<b>Total Land</b>	<b><u>4,461,181</u></b>
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**Distribution of Common Items**

863,385 + (19.35% of 4,818,788 )	1,795,977	IOL
3,597,796 + (80.65% of 4,818,788)	<u>7,483,981</u>	COL

<b>TOTAL</b>	<b><u>9,279,958</u></b>
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# **Update for KIA Lands**

## **September, 2008**

Jericho Site Reclamation – Inuit-Owned Lands Only  
December 22, 2010



September 5, 2008

**Executive Office**

340 Park Place, 666 Burrard Street  
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Geoffrey Clark M.Sc., MBA  
Environmental Screener - Lands Division  
Kitikmeot Inuit Association  
PO Box 360  
Kugluktuk, Nunavut, X0E 0E0

Dear Sir:

**RE: Jericho Site Reclamation - Kitikmeot Inuit Association Lands Only**

Nuna Logistics is pleased to submit our estimate for the reclamation of the Inuit-Owned Lands of the Jericho Mine site.

The estimate includes the labour and equipment required to complete the work, the mobilization and demobilization of the equipment including an allowance for a minor overhaul of hazardous materials.

The estimate assumes that the mine owner (Tahera or successor(s)) will establish the winter road for the 2 consecutive seasons required and will provide a catered camp and personnel flights as part of their care and maintenance program. As such, these items are not included in the estimate.

The estimate is detailed in the attached schedules and is summarized as follows:

Mobilization	\$ 112,000
Labour	631,400
Equipment	354,200
Fuel, Escalation, Carrying Costs	469,000
Demobilization	182,000
Contingency	<u>174,900</u>
Total Estimate	<u>\$ 1,923,500</u>

The on-site work is expected to require 2 months to complete during the summer and will require 14 people. We have attached our labour and equipment basis of estimate and our general terms for your information.

Please contact me at 604.682.4667 if you require additional information.

Yours truly,

NUNA LOGISTICS LIMITED  
per:

Court Smith, P.Eng.  
Vice President  
CS/jm

Attach:

cc: Stanley Anablak, Kitikmeot Inuit Association (email: [sanablak@qiniq.com](mailto:sanablak@qiniq.com))  
Nuna Management Group

**Nuna Group of Companies**  
**Labour and Equipment General Terms**

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1. Labour and equipment rates quoted are Nuna's current schedule of rates and are subject to escalation each July. We will advise the Client/Owner at our earliest opportunity of our revised rate schedule and its effective date. Billings will be adjusted accordingly to reflect new rates in effect.
2. All rates, estimates, and quotes do not include GST or PST. GST and PST will be reflected on our billings at the appropriate rates for the appropriate jurisdictions.
3. Nuna's estimates are based on the quantities provided by the Client/Owner. Nuna does not attempt to determine if quantities are reasonable or substantiated. No allowances are made for variances in material characteristics or quantities, and therefore, charges will be for work performed which may vary from the estimates provided.
4. All labour (including mechanics, welders, millwrights and electricians) and equipment traveling on site from the accommodation complex, yard, or shop to the workplace that requires more than 0.5 hour travel will be charged at our current schedule of rates for the required travel duration.
5. Labour is charged a minimum of 8 hours on the day arriving on site and a minimum of 8 hours on the day leaving site.
6. Unscheduled overtime, incidental overtime, non-productive time, short turnarounds, and standby time arising from Client/Owner requests or policy or weather conditions will be chargeable on-site and off-site.
7. Labour rates are chargeable for minimum 12-hour shifts on full rotation. The rates apply for the greater of the employee's regular job function or the employee's job function during the time performing other work. The labour rates currently in effect are detailed in the rate schedules. The rates are subject to competitive increase and escalation. Some labour classifications listed may not be deployed during the course of the work.
8. During weather delays, on-site labour (including mechanics, welders, millwrights and electricians) will be paid 12 hours per day and full shift hours are chargeable to the Client/Owner.
9. During weather delays / plane mechanical delays or other reasons that prohibit travelling on the specified shift change day, off-site travel, accommodations, and meal costs are chargeable to the Client/Owner. All labour (including mechanics, welders, millwrights, and electricians) will be charged 8 hours per day for off-site delays.

10. If Nuna employees are operating or maintaining third-party equipment additional rates will apply. Third-party equipment is defined as Client's/Owner's or other Contractor's equipment and does not include Nuna Subcontractors. Additional third-party rates are as follows:

Operators	\$ 8.00 per Hour Added to the Current Classification
Trades	\$ 15.00 per Hour Added to the Current Classification
11. While Nuna endeavours to provide supporting documents for all charges to the Client/Owner, some vendors that provide travel, accommodation, and meals are unable or unwilling to provide detailed receipts. As such, Nuna will provide the documentation that we are able to obtain of the charges to our account but we may be unable to provide detailed receipts. Notwithstanding, the travel, accommodation, and meal charges are still chargeable and owing by the Client/Owner.
12. Equipment, facilities, and materials mobilization and demobilization will be charged to/from point of origin to project location.
13. Fuel, lubricants, and welding gases are not included in Nuna's rates and are to be provided by the Client/Owner.
14. On-site commissioning and de-commissioning activities are chargeable. The on-site commissioning may include vendor service personnel or Nuna personnel. Examples include assembly and disassembly of crushers, frozen core plants, camps, facilities, sewage treatment plants, and equipment.
15. Third-party rental equipment, subcontractors, and material items purchased on behalf of the Client/Owner will be charged at cost plus 15%.
16. Freight costs for maintenance parts, tools, and project specific consumables will be charged at cost plus 15%.
17. All permits, including camp occupancy (if Client/Owner Owned), land use, water license, and quarrying permits are to be provided by the Client/Owner.
18. Orientation, medicals, security checks, and drug testing are not included in Nuna labour rates, and therefore, are chargeable to the Client/Owner.
19. On-site training activities are chargeable to the Client/Owner. Nuna will endeavour to make these hours productive.
20. Unless specified otherwise, equipment rates include parts and mechanical labour (mechanics and welders). Equipment rates do not include service personnel (fuel & lube, electricians and tiremen).
21. Unless specified otherwise, crushing personnel (including operators, mechanics and labourers) are chargeable for the full shift whether the crusher is operating or not. All crusher personnel are expected to both operate and maintain the crushing plant.

22. Site or project specific insurance including insurance required for sea-lift mobilization is to be provided by the Client/Owner.
23. It is expected that the Client/Owner will approve Labour, Material and Equipment (LME's) documents on a daily basis. This is an acknowledgement and acceptance of the work performed. While it is Nuna's preference to obtain signed LME's prior to invoicing, any delay in receiving signed LME's will not delay our invoicing. Invoices are prepared twice per month and will be sent to the Client/Owner with the supporting LME's (signed or unsigned). Invoices are due and payable in full unless Nuna are notified in writing within 30 days of receipt of the invoice of any inaccuracies in the invoice.
24. Invoice payment is due within 30 days of receipt of the invoice.
25. Nuna mechanic support is normally included in our equipment charge rates based on a reasonable number of operating hours on the equipment fleet each month. Should the operating hours be reduced significantly from that planned, Nuna's mechanical support time will become chargeable at the rates reflected in Nuna's current schedule of rates and certain equipment rates may be adjusted from hourly rates to monthly rates to compensate for reduced levels of activity. Nuna will advise the Client/Owner when the operating hours have been reduced to such a level that these charges will become applicable.
26. Equipment used to assist with mechanical repairs (movement of parts, components) (examples would include cranes, manlifts, loaders, skid steers) is chargeable based on Nuna's schedule of equipment rates in effect.
27. Non-mechanical crew workers (examples include operators, labourers, servicemen, carpenters, electricians, drivers, crusher mechanics, tiremen) are fully chargeable for their shift although they may be on standby for equipment repair, servicing, or minor assistance with repairs. Labourers that are dedicated to shop support are not chargeable for the time spent in the shop assisting mechanics with repairs.
28. Equipment charged on a monthly basis such as shops, light plants and heaters will be chargeable from the time they arrive at site until they are demobilized. If the equipment has been placed on standby awaiting demobilization, Nuna's standby rates will apply.

END OF LABOUR AND EQUIPMENT GENERAL TERMS

### **Schedule 1: Cost Summary - 2009**

C.D.S.

C.D.S.

**Mobilization**

### Off-Site Preparations

Freight

### On-Site Assembly

**Labour**

Supervision &amp; Administration

## Earthworks and Site Services

## Maintenance and Trades

## Surveying

## Equipment

## Production Equipment

### Support Equipment

## Facilities

## Surveying

Other

## Fuel/Lubes for Equipment

**Camp Catering**

## Airfares

## Permanent Materials

## Services

### Extraordinary Items

### References

## Demobilization

On-Site Preparations  
Erecting

Freight  
On-Site Disassembly

## On-Site Disassembly

## Contingency

Total Estimated Costs [

### Operating Days

**Operating Days**  
**Shifts per Day**

Labour Hours/Shift

Equipment Hours/Shift

.....

**Note: Fuel Costs are included in the costs. Transportation Costs are included in the costs. (in Labour Rates) Camp Catering Costs are not included in the costs. (in Camp Catering above)**





## **Schedule 2: Quantities Schedule - 2009**

Prepared by Nuna Logistics Ltd.

5-Sep-08

C.D.S.

2009	Total
100	100

**Quantities (Dry Tonnes)**

Quantities (Dry Tonnes)	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
Waste Dump 1													
Contour & Shape Side Slopes					418,950	22,050							441,000
Waste Dump 2													
Contour & Shape Side Slopes						144,000							144,000
Coarse PK Stockpile													
Contour & Shape Side Slopes						60,000							60,000
Overburden Cover													
Overburden to Waste Dump 1					52,000	24,000							52,000
Overburden to Waste Dump 2						17,000							24,000
Overburden to Coarse PK Stockpile						15,000							17,000
Overburden to Other Areas													15,000
Other													
Demolish Explosives Plant													
Transport Materials to Landfill					1,200	300							1,200
Separate Mat'l's for Offsite Dispt'l						500							300
Contour Magazine Berms						3,600							500
Contour & Shape Roads						1,200							3,600
Contour & Shape Pads						600							1,200
Contour & Shape Ditches						400							600
Contour & Shape Ponds						1,200							400
Contour & Shape Landfarm													1,200
Total	-	-	-	-	472,150	289,850	-	-	-	-	-	-	762,000
tpd	-	-	-	-	15,231	9,662	-	-	-	-	-	-	12,492



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 3: Quantity Equivalents - 2009**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

5-Sep-08

C.D.S.

2009

Total

Quantity Equivalents	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
<b>Equivalent Quantities (Dry Tonnes)</b>													
Waste Dump 1	-	-	-	-	418,950	22,050	-	-	-	-	-	-	441,000
Waste Dump 2	-	-	-	-	-	144,000	-	-	-	-	-	-	144,000
Coarse PK Stockpile	-	-	-	-	-	60,000	-	-	-	-	-	-	60,000
Overburden Cover	-	-	-	-	52,000	56,000	-	-	-	-	-	-	108,000
Other	-	-	-	-	1,200	7,800	-	-	-	-	-	-	9,000
<b>Total</b>	-	-	-	-	472,150	289,850	-	-	-	-	-	-	762,000
<b>Equivalent Quantities (Wet Tonnes)</b>													
Waste Dump 1	-	-	-	-	439,898	23,153	-	-	-	-	-	-	463,050
Waste Dump 2	-	-	-	-	-	151,200	-	-	-	-	-	-	151,200
Coarse PK Stockpile	-	-	-	-	-	63,000	-	-	-	-	-	-	63,000
Overburden Cover	-	-	-	-	54,800	58,800	-	-	-	-	-	-	113,400
Other	-	-	-	-	1,260	8,190	-	-	-	-	-	-	9,450
<b>Total</b>	-	-	-	-	495,758	304,343	-	-	-	-	-	-	800,100
<b>Equivalent Quantities (LCMs)</b>													
Waste Dump 1	-	-	-	-	251,370	13,230	-	-	-	-	-	-	264,600
Waste Dump 2	-	-	-	-	-	86,400	-	-	-	-	-	-	86,400
Coarse PK Stockpile	-	-	-	-	-	36,000	-	-	-	-	-	-	36,000
Overburden Cover	-	-	-	-	33,800	36,400	-	-	-	-	-	-	70,200
Other	-	-	-	-	720	4,680	-	-	-	-	-	-	5,400
<b>Total</b>	-	-	-	-	285,890	176,710	-	-	-	-	-	-	462,600
<b>Equivalent Quantities (ECMs)</b>													
Waste Dump 1	-	-	-	-	209,475	11,025	-	-	-	-	-	-	220,500
Waste Dump 2	-	-	-	-	-	72,000	-	-	-	-	-	-	72,000
Coarse PK Stockpile	-	-	-	-	-	30,000	-	-	-	-	-	-	30,000
Overburden Cover	-	-	-	-	31,850	34,300	-	-	-	-	-	-	66,150
Other	-	-	-	-	600	3,900	-	-	-	-	-	-	4,500
<b>Total</b>	-	-	-	-	241,925	151,225	-	-	-	-	-	-	393,150



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 4: Haul Distances - 2009**

Prepared by Nuna Logistics Ltd.  
 5-Sep-08  
 C.D.S.  
 2009

Draft Preliminary Cost Estimate

Haul Distances	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Average
Total Average Haul Distance (km)													
Waste Dump 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Side Slopes	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste Dump 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Side Slopes	-	-	-	-	-	-	-	-	-	-	-	-	-
Coarse PK Stockpile	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Side Slopes	-	-	-	-	-	-	-	-	-	-	-	-	-
Overburden Cover	-	-	-	-	-	-	-	-	-	-	-	-	-
Overburden to Waste Dump 1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Overburden to Waste Dump 2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Overburden to Coarse PK Stockpile	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Overburden to Other Areas	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolish Explosives Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport Materials to Landfill	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Separate Mat's for Offsite Displ	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour Magazine Berms	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Roads	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Pads	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Ditches	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Ponds	-	-	-	-	-	-	-	-	-	-	-	-	-
Contour & Shape Landfarm	-	-	-	-	-	-	-	-	-	-	-	-	-
Weighted Average	-	-	-	-	0.1	0.2	-	-	-	-	-	-	0.2



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 5: Cycle Times - 2009**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

5-Sep-08

C.D.S.

2009

Average

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	
Average Truck Cycle Times													
Cat 980 Loaders loading Cat D300D/730 Trucks (min)													
Waste Dump 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste Dump 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Coarse PK Stockpile	-	-	-	-	-	-	-	-	-	-	-	-	-
Overburden Cover	-	-	-	-	12.6	11.7	-	-	-	-	-	-	-
Other	-	-	-	-	13.2	-	-	-	-	-	-	-	12.1
Weighted Average	-	-	-	-	1.5	2.4	-	-	-	-	-	-	1.8
Cat 988 Loaders loading Cat 773 Trucks (min)													1.9
Waste Dump 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Waste Dump 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Coarse PK Stockpile	-	-	-	-	-	-	-	-	-	-	-	-	-
Overburden Cover	-	-	-	-	11.4	10.7	-	-	-	-	-	-	-
Other	-	-	-	-	11.7	-	-	-	-	-	-	-	11.1
Weighted Average	-	-	-	-	1.4	2.2	-	-	-	-	-	-	1.6
													1.7



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 6: Loading Parameters & Truck Requirements - 2009**

Prepared by Nuna Logistics Ltd.  
 5-Sep-08

Draft Preliminary Cost Estimate

Loading Parameters													
Percent of Material - Cat 980 Loaders Loading Cat D300D/730 Trucks													
Overburden Cover	50%	0%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weighted Average	0%	0%	0%	0%	6%	10%	0%	0%	0%	0%	0%	0%	8%
Percent of Material - Cat 988 Loaders Loading Cat 773 Trucks													
Overburden Cover	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weighted Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Dozing Parameters													
Requirement for Pushing to Loaders (as a percentage of Loader hours)													
Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Requirement for Dozing Waste Dump 1 (as a percentage of Waste Dump 1)													
Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Requirement for Dozing Waste Dump 2 (as a percentage of Waste Dump 2)													
Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Requirement for Dozing Coarse PK Stockpile (as a percentage of Coarse PK Stockpile)													
Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Requirement for Dozing Overburden Cover (as a percentage of Overburden Cover)													
Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Requirement for Dozing Other (as a percentage of Other)													
Cat D10 Dozers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 7: Production Equipment Requirements - 2009**

Prepared by Nuna Logistics Ltd.  
 5-Sep-08

Draft Preliminary Cost Estimate

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
<b>Load and Haul Equipment</b>													
Operating Hours													
Cat D300D/730 Trucks	-	-	-	-	287	286	-	-	-	-	-	-	573
Cat 980 Loaders	-	-	-	-	80	87	-	-	-	-	-	-	167
Cat D10 Dozers	-	-	-	-	292	218	-	-	-	-	-	-	510
<b>Equipment Required to Meet Production</b>													
Cat D300D/730 Trucks	-	-	-	-	0.88	0.91	-	-	-	-	-	-	
Cat 980 Loaders	-	-	-	-	0.25	0.28	-	-	-	-	-	-	
Cat D10 Dozers	-	-	-	-	0.90	0.69	-	-	-	-	-	-	
<b>Equipment Required on Site</b>													
Cat D300D/730 Trucks	-	-	-	-	2	2	-	-	-	-	-	-	
Cat 980 Loaders	-	-	-	-	1	1	-	-	-	-	-	-	
Cat D10 Dozers	-	-	-	-	2	2	-	-	-	-	-	-	
<b>Production Equipment Costs (\$ thousands)</b>													
Cat D300D/730 Trucks	\$ -	\$ -	\$ -	\$ -	\$ 32.0	\$ 31.8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63.8
Cat 980 Loaders	\$ -	\$ -	\$ -	\$ -	\$ 12.1	\$ 13.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25.0
Cat D10 Dozers	\$ -	\$ -	\$ -	\$ -	\$ 67.2	\$ 50.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 117.3
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 111.2</b>	<b>\$ 94.9</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 206.1</b>

Note: Equipment Hours reflects requirement before taking availability and usage into account. Equipment on-site reflects the requirement after taking availability and usage into account.



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 8: Support Equipment (Hourly) - 2009**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

5-Sep-08

C.D.S.

**Support Equipment (Hourly)**  
**Support Equipment Operating Hours**

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
Cat 16 Grader	-	-	-	-	98	95	-	-	-	-	-	-	192
Cat 345 Excavators	-	-	-	-	49	47	-	-	-	-	-	-	96
Fuel/Lube Truck	-	-	-	-	163	158	-	-	-	-	-	-	320
Mechanic/Welder Truck	-	-	-	-	107	104	-	-	-	-	-	-	211
<b>Support Equipment Required On-Site</b>													
Cat 16 Grader	-	-	-	-	1	1	-	-	-	-	-	-	-
Cat 345 Excavators	-	-	-	-	1	1	-	-	-	-	-	-	-
Fuel/Lube Truck	-	-	-	-	1	1	-	-	-	-	-	-	-
Mechanic/Welder Truck	-	-	-	-	1	1	-	-	-	-	-	-	-
<b>Support Equipment Costs (\$ thousands)</b>													
Cat 16 Grader	\$ -	\$ -	\$ -	\$ -	\$ 12.7	\$ 12.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24.9
Cat 345 Excavators	\$ -	\$ -	\$ -	\$ -	\$ 9.6	\$ 9.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18.9
Fuel/Lube Truck	\$ -	\$ -	\$ -	\$ -	\$ 14.8	\$ 14.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29.1
Mechanic/Welder Truck	\$ -	\$ -	\$ -	\$ -	\$ 5.4	\$ 5.2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.6
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 42.4</b>	<b>\$ 41.1</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 83.5</b>

Note: Equipment Hours reflects requirement before taking availability and usage into account. Equipment on-site reflects the requirement after taking availability and usage into account.



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 9: Support Equipment (Monthly) - 2009**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

5-Sep-08

C.D.S.

2009

Support Equipment (Monthly)

Support Equipment Operating Hours

Tractor/Lowboy (85 tonne)

F550 Flatdeck

Crewcab

Light Tower

Support Equipment Required On-Site

Tractor/Lowboy (85 tonne)

F550 Flatdeck

Crewcab

Light Tower

Support Equipment Costs (\$ thousands)

Tractor/Lowboy (85 tonne)

F550 Flatdeck

Crewcab

Light Tower

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
Tractor/Lowboy (85 tonne)	-	-	-	-	33	32	-	-	-	-	-	-	64
F550 Flatdeck	-	-	-	-	228	221	-	-	-	-	-	-	448
Crewcab	-	-	-	-	684	662	-	-	-	-	-	-	1,345
Light Tower	-	-	-	-	130	126	-	-	-	-	-	-	256
Tractor/Lowboy (85 tonne)	-	-	-	-	1	1	-	-	-	-	-	-	-
F550 Flatdeck	-	-	-	-	1	1	-	-	-	-	-	-	-
Crewcab	-	-	-	-	3	3	-	-	-	-	-	-	-
Light Tower	-	-	-	-	2	2	-	-	-	-	-	-	-
Tractor/Lowboy (85 tonne)	\$ -	\$ -	\$ -	\$ -	\$ 9.0	\$ 8.7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17.7
F550 Flatdeck	\$ -	\$ -	\$ -	\$ -	\$ 3.6	\$ 3.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7.0
Crewcab	\$ -	\$ -	\$ -	\$ -	\$ 9.2	\$ 8.9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18.1
Light Tower	\$ -	\$ -	\$ -	\$ -	\$ 3.0	\$ 2.9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.8
	\$ -	\$ -	\$ -	\$ -	\$ 24.7	\$ 23.9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48.6

Note: Equipment Hours reflects requirement before taking availability and usage into account. Equipment on-site reflects the requirement after taking availability and usage into account.





## **Schedule 10: Labour Requirements - 2009**

### **Final Preliminary Cost Estimate**

C.D.S.

C.D.S.

2009

**Total**



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 11: Manhours Estimate - 2009**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

5-Sep-08

C.D.S.

2009

Total

Manhours - (includes Incidental O/T)  
 Supervision & Administration (Nuna Contracting Non-Union)

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
Project Manager	-	-	-	186	372	360	-	-	-	-	-	-	918
Foreman	-	-	-	-	-	-	-	-	-	-	-	-	-
Safety Superintendent	-	-	-	-	372	360	-	-	-	-	-	-	732
Administrator Level 1	-	-	-	-	372	360	-	-	-	-	-	-	732
Earthworks (Nuna Contracting Union)	-	-	-	-	-	-	-	-	-	-	-	-	-
Excavator Operator - Finish	-	-	-	-	372	360	-	-	-	-	-	-	732
Loader Operator (988+)	-	-	-	-	372	360	-	-	-	-	-	-	732
Dozer Operator (D8+)	-	-	-	-	372	360	-	-	-	-	-	-	732
Grader Operator	-	-	-	-	372	360	-	-	-	-	-	-	732
Operator (multi-purpose)	-	-	-	-	-	-	-	-	-	-	-	-	-
Rock Trucks (<789)	-	-	-	-	372	360	-	-	-	-	-	-	732
Labour (entry level)	-	-	-	-	744	720	-	-	-	-	-	-	1,464
Maintenance and Trades (Nuna Contracting Union)	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanic Level 1 Journeyman	-	-	-	-	372	360	-	-	-	-	-	-	732
Welder Level 1 Journeyman	-	-	-	-	372	360	-	-	-	-	-	-	732
Serviceman (fuel & lube)	-	-	-	-	372	360	-	-	-	-	-	-	732
Surveying (Nuna Contracting or Subcontract)	-	-	-	-	-	-	-	-	-	-	-	-	-
Survey Crew Chief	-	-	-	-	372	360	-	-	-	-	-	-	732
<b>Total Manhours</b>	-	-	-	186	5,208	5,040	-	-	-	-	-	-	10,434



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 12: Labour Cost Estimate - 2009**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

5-Sep-08

C.D.S.

2009

Total

Labour Cost (\$ thousands)	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
Supervision & Administration (Nuna Contracting Non-Union)													
Project Manager	\$ -	\$ -	\$ -	\$ 19.9	\$ 39.8	\$ 38.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98.1
Foreman	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Superintendent	\$ -	\$ -	\$ -	\$ -	\$ 33.3	\$ 32.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65.6
Administrator Level 1	\$ -	\$ -	\$ -	\$ -	\$ 24.0	\$ 23.2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47.1
Earthworks (Nuna Contracting Union)													
Excavator Operator - Finish	\$ -	\$ -	\$ -	\$ -	\$ 25.1	\$ 24.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48.3
Loader Operator (988+)	\$ -	\$ -	\$ -	\$ -	\$ 25.4	\$ 24.6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50.0
Dozer Operator (D8+)	\$ -	\$ -	\$ -	\$ -	\$ 24.6	\$ 23.8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48.5
Grader Operator	\$ -	\$ -	\$ -	\$ -	\$ 24.1	\$ 23.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47.5
Operator (multi-purpose)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rock Trucks (<789)	\$ -	\$ -	\$ -	\$ -	\$ 22.3	\$ 21.6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43.9
Labour (entry level)	\$ -	\$ -	\$ -	\$ -	\$ 38.6	\$ 37.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76.0
Maintenance and Trades (Nuna Contracting Union)													
Mechanic Level 1 Journeyman	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	-
Welder Level 1 Journeyman	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	-
Serviceman (fuel & lube)	\$ -	\$ -	\$ -	\$ -	\$ 25.3	\$ 24.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49.9
Surveying (Nuna Contracting or Subcontract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Survey Crew Chief	\$ -	\$ -	\$ -	\$ -	\$ 28.2	\$ 27.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55.5
<b>Total Labour Cost Estimate</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 19.9</b>	<b>\$ 310.8</b>	<b>\$ 300.8</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 631.4</b>

Note: Supervisory & Administration Personnel denoted N/C are non-chargeable (included as overheads in hourly rates). Mechanics & Welders denoted N/C are non-chargeable (included in equipment rates).



**Nuna Group of Companies  
Kitikmeot Inuit Association  
Jericho Reclamation**

**Schedule 13: Mobilization & Demobilization - 2009**

Prepared by Nuna Logistics Ltd.  
5-Sep-08  
C.D.S.  
2009  
Total

**Draft Preliminary Cost Estimate**

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	Total
<b>Mobilization</b>													
Land Freight													
Loads to Site from Yellowknife	4	-	-	-	-	-	-	-	-	-	-	-	
Loads to Site from Edmonton	8	-	-	-	-	-	-	-	-	-	-	-	
<b>Mobilization &amp; Freight Costs (\$ thousands)</b>													
Preparation Off-Site	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight to Site from Yellowknife	\$32.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$32.0
Freight to Site from Edmonton	\$80.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$80.0
Mobile Equipment Assembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Support Equipment Setup	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Facilities Setup	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	\$112.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$112.0

<b>Demobilization</b>													
Land Freight													
Loads from Site to Yellowknife	-	-	-	-	-	-	-	-	-	-	-	-	
Loads from Site to Edmonton	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Demobilization &amp; Freight Costs (\$ thousands)</b>													
Preparation On-Site	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight from Site to Yellowknife	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Freight from Site to Edmonton	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Mobile Equipment Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Support Equipment Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Facilities Disassembly	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Schedule 14: Materials and Services - 2009**

Draft Preliminary Cost Estimate

Prepared by Nuna Logistics Ltd.

5-Sep-08

C.D.S.

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	2009 Total
Permanent Materials (\$ thousands)													
None	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Services (\$ thousands)													
None	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Extraordinary Items (\$ thousands)													
Equipment Carrying Costs	\$0.0	\$43.8	\$43.8	\$43.8	\$0.0	\$0.0	\$43.8	\$43.8	\$43.8	\$43.8	\$43.8	\$0.0	\$350.0
Labour & Equipment Escalation	\$0.0	\$0.0	\$0.0	\$0.6	\$13.9	\$13.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$27.6
	\$0.0	\$43.8	\$43.8	\$44.3	\$13.9	\$13.1	\$43.8	\$43.8	\$43.8	\$43.8	\$43.8	\$0.0	\$377.6



**Nuna Group of Companies**  
**Kitikmeot Inuit Association**  
**Jericho Reclamation**

**Attachment A: Fuel Requirements - 2009**

Prepared by Nuna Logistics Ltd.

Draft Preliminary Cost Estimate

5-Sep-08

C.D.S.

2009

Total

	Mar Month 1	Apr Month 2	May Month 3	June Month 4	July Month 5	Aug Month 6	Sept Month 7	Oct Month 8	Nov Month 9	Dec Month 10	Jan Month 11	Feb Month 12	
Fuel Consumption (Litres)													
Load and Haul Equipment													
Cat D300D/730 Trucks	-	-	-	-	8,042	8,013	-	-	-	-	-	-	16,055
Cat 980 Loaders	-	-	-	-	2,656	2,861	-	-	-	-	-	-	5,517
Cat D10 Dozers	-	-	-	-	24,550	18,277	-	-	-	-	-	-	42,827
Support Equipment (Hourly)													
Cat 16 Grader	-	-	-	-	3,418	3,308	-	-	-	-	-	-	6,725
Cat 345 Excavators	-	-	-	-	1,953	1,890	-	-	-	-	-	-	3,843
Cat 172B/930 Tool Carrier	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel/Lube Truck	-	-	-	-	2,441	2,363	-	-	-	-	-	-	4,804
Support Equipment (Monthly)													
Tractor/Lowboy (85 tonne)	-	-	-	-	651	630	-	-	-	-	-	-	1,281
F550 Flatdeck	-	-	-	-	1,139	1,103	-	-	-	-	-	-	2,242
Crewcab	-	-	-	-	1,367	1,323	-	-	-	-	-	-	2,690
Light Tower	-	-	-	-	781	756	-	-	-	-	-	-	1,537
<b>Total Litres</b>	-	-	-	-	<b>46,999</b>	<b>40,523</b>	-	-	-	-	-	-	<b>87,522</b>

Note: Fuel Costs are included in Nuna Logistics Total Costs.



**Jamie MacMillan**

**From:** Jamie MacMillan  
**Sent:** September 5, 2008 2:52 PM  
**To:** KIA\_Geoff Clark  
**Cc:** KIA\_St Stanley Anablak; Grant Pearson; Maureen Baldwin; 'Court Smith - Nuna (courts@nunalogistics.com)'; 'John Zigarlick'; 'Len, McHale, VP Operations'; 'Mervyn Hempenstall (mervynh@nunalogistics.com)'; 'Pam Alloway, Nuna Logistics Limited, Edmonton (pama@nunalogistics.com)'; 'Pat McHale (Pat McHale, Operations Manager)'  
**Subject:** Jericho Site Reclamation\_KIA Lands Only\_Nuna Cost Estimate\_CS\_Sep 5 2008  
**Importance:** High

The following attachment is being forwarded on behalf of  
Court Smith, P.Eng., Vice President  
Nuna Logistics Limited

Jamie A. MacMillan, Executive Assistant  
Nuna Logistics Limited  
Suite 340, Park Place, 666 Burrard Street  
Vancouver, BC, V6C 2X8  
T 604.682.4667 F 604.682.4473  
C 604.880.5148

**Jamie MacMillan**

**From:** Court Smith  
**Sent:** September 5, 2008 2:19 PM  
**To:** Geoff Clark  
**Cc:** Stanley Anablak; Jamie MacMillan  
**Subject:** Jericho Reclamation

Hi Geoff,

I apologize for the delay, but I have just completed the reclamation estimate for Jericho. Jamie will forward it by e-mail this afternoon. We consider it a draft, so if you would like to critique it and offer improvements, that would be good. Then I will issue a bound hard copy.

Best regards,

Court

05/09/2008



# **Coordination Letter**

**November, 2010**

Jericho Site Reclamation – Inuit-Owned Lands Only  
December 22, 2010



Suite 220, 17010 - 103 Avenue  
Edmonton, AB, Canada T5S 1K7  
Tel: 780-435-0045 Fax: 780-428-3476  
www.shearminerals.com  
**TSXV: SRM**

Geoff Clark  
Kitikmeot Inuit Association  
Director, Lands Environment and Resources

November 1, 2010

Dear Mr. Clark,

Proposed terms for reclamation costing of Inuit Owned Lands (Lease KTCL3005D001) to be conducted by Court Smith of Nuna Logistics are outline below:

- Re-sloping of waste rock piles to safe and secure
- Removal of garbage from within the waste rock pile.
- Removal of the emulsion plant including associated concrete pad
- Re-establishment of water courses
- Hazardous materials removal
- Grading off of road edges where necessary to form a gentle slope yet minimize additional disturbance of tundra.
- Establishment of a berm around the pit and sloping of pit interior lip to prevent accidental entry by animal or people.
- Site management and accommodations costs during reclamation operations.
- Costs of transportation to and from site during reclamation process

Please advise that these terms meet your criteria and suitably address the reclamation requirements.

Sincerely,

Michelle Tanguay  
Environment Manager  
Shear Minerals Ltd.  
(250) 362-9530  
michelle@shearminerals.com