

3.1 West Twin disposal area (continued)

***Daphnia magna* Toxicity Test Report**

	Temp	P H	D.O.	O ₂ Sat.	Cond.	Hardness	Hardness	Total Pre-Aeration
	(°C)		(mg/L)	(%)*	(umhos)	Mg/L as CaCO ₃	Adjustment	Time (h) @ 30 mL/min/L
Initial Water Chemistry	20.0	8. 6	9.4	106	2645	>1000	None	0:30
0 Hours								
Date & Time	2004-09-22 13:40							
Technician	JP							
Test Conc. (%)	Mortality	Immobility	pH	D.O.	Cond.	Temp.	O₂ Sat. (%)*	Hardness
100A	0	0	8.5	9.0	2649	20.5	103	>1000
100B	0	0	8.5	9.0	2649	20.5		
100C	0	0	8.5	9.0	2649	20.5		
Control A	0	0	8.5	8.5	389	21.5		
Control B	0	0	8.5	8.5	389	21.5		
Control C	0	0	8.5	8.5	389	21.5	100	200
24 Hours								
Date & Time	2004-09-23 13:40							
Technician	JP							
Test Conc. (%)	Mortality	Immobility	pH	D.O.	Cond.	Temp.		
100A	0	0	-	-	-	20.0		
100B	0	1	-	-	-	20.0		
100C	0	0	-	-	-	20.0		
Control A	0	0	-	-	-	20.0		
Control B	0	0	-	-	-	20.0		
Control C	0	0	-	-	-	20.0		
48Hours								
Date & Time	2004-09-24 13:40							
Technician	MR							
Test Conc. (%)	Mortality	Immobility	pH	D.O.	Cond.	Temp.		
100A	1	3	7.9	8.5	2645	20.0		
100B	2	1	8.0	8.5	2625	20.0		
100C	1	2	8.0	8.6	2659	20.0		
Control A	0	0	8.6	8.6	389	20.0		
Control B	0	0	8.6	8.6	386	20.0		
Control C	0	0	8.6	8.6	384	20.0		
Notes: # of control organisms showing stress: 0 - <i>Daphnia</i> Batch # Dm04-18 Number immobile does not include number of mortalities.								

3.2 Landfill

Item 9 of the NWB Letter of Approval, requires the results of effluent monitoring at the Nanisivik Landfill site.

Toe of Landfill

NML 26								
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
16-Jun	7.8	7.10	0.75	2.8		0.0002	0.005	0.03
25-Jun	9.6	8.30	0.32	0.6		0.0005	0.017	0.11
28-Jun	1.4	8.47	0.69	1.4		0.0005	0.017	0.11
6-Jul	13.2	8.23	0.76	1.2		0.0001	0.003	0.01
16-Jul	9.7	8.29	0.13	0.0		0.0002	0.005	0.030
23-Jul	9.0	8.02	0.93	1.0		0.0003	0.013	0.05
30-Jul	10.4	7.86	1.30	1.8				
6-Aug	8.6	7.82	2.19	0.8		0.0007	0.004	0.06
20-Aug	5.1	7.85	3.72	0.4		0.0020	0.005	0.07
27-Aug								
3-Sep								
10-Sep	5.4	7.92	3.43	0.6	1000.0			
17-Sep	0.3	7.83	4.01	36.0	1040.0	0.0010	0.017	0.17

Date										BTEX	Total		
	F1-F4						B-Tex			Surrogates	Petroleum Hydrocarbons		
	F1	F2	F3	F4	Benzene	Ethylbenzene	Toluene	m/p-xylene	o-xylene	Toluene-d8	GRO(<c10)	(DRO(C10-C24	(GRO+DRO)
16-Jun					<0.5	<0.5	<0.5	<1.0	<0.5	99	<0.2	<0.2	<0.2
28-Jun					<0.5	<0.5	<0.5	<1.0	<0.5	101	<0.2		
6-Jul	<0.2				<0.5	<0.5	<0.5	<1.0	<0.5	100			
16-Jul					<0.5	<0.5	<0.5	<1.0	<0.5	99	<0.2	<0.2	<0.2
23-Jul	<0.2				<0.5	<0.5	<0.5	<1.0	<0.5	100		<0.2	
6-Aug	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<1.0	0.5	100			
20-Aug													
3-Sep													
17-Sep	<0.2	<0.2	<0.2	<0.2									

3.2 Landfill (continued)

NML 30								
Date	Temp. (oC)	pH	Cond. (mS)	T.S.S. (mg/L)	S04	Cd total (mg/L)	Pb total (mg/L)	Zn total (mg/L)
16-Jun	7.5	6.90	0.45	3.4		0.0001	0.001	0.01
25-Jun	6.3	8.50	0.09	8.2		<0.0001	0.002	<0.01
6-Jul	14.1	8.31	0.17	5.4		<0.0001	0.007	0.01
16-Jul	10.1	8.35	0.26	4.2		0.0001	<0.001	0.010
23-Jul	10.5	8.46	0.40	0.0		<0.0001	<0.001	<0.01
30-Jul	10.1	8.43	0.25	5.6				
6-Aug	7.6	8.58	0.43	0.0		0.0001	<0.001	<0.01
20-Aug	7.0	8.54	0.51	0.6		<0.0001	0.001	<0.01
10-Sep	3.2	8.61	0.58	0.0	70.0			
17-Sep	1.0	8.44	0	2.4	100.0	<0.0001	0.002	0.01

Date	F1 - F4				B-Tex					BTEX Surrogates	Total Petroleum Hydrocarbons		
	F1	F2	F3	F4	Benzene	Ethylbenzene	Toluene	m/p-xylene	o-xylene	Toluene-d8	GRO(<c10)	(DRO(C10-C24)	(GRO+DRO)
16-Jun													
25-Jun													
6-Jul	<0.2				<0.5	<0.5	<0.5	<1.0	<0.5	100			
16-Jul													
23-Jul	<0.2				<0.5	<0.5	<0.5	<1.0	<0.5	100		<0.2	
30-Jul													
6-Aug	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<1.0	0.5	100			
20-Aug													
10-Sep													
17-Sep	<0.2	<0.2	<0.2	<0.2									

Downstream from Toe of Landfill

4.0 PROJECT COSTS (Estimates)

The following is a list of costs attributed to reclamation activities at Nanisivik Mine.

Description	Reclamation Costs to end of 3rd Quarter			
	Jul-04	Aug-04	Sep-04	YTD
Water Quality Monitoring	41,310.74	19,133.28	19,358.12	86,969.19
Geotechnical Monitoring West Twin Dyke	9,284.16	15,303.22	20,818.72	97,030.01
Closure Studies	11,318.21	13,205.28	9,070.79	177,933.50
Tailings Impoundment & Dump Ponds	7,120.47	25,138.80	5,188.62	102,985.94
Spillway	-6,123.29	0.00	0.00	65,132.19
Tailings Cover	13,014.84	46,554.63	1,794,893.46	1,883,815.81
Material Haulage	84.50	130.88	10,542.16	27,396.00
Open Pits & Waste Rock	240.41	712.45	751.43	13,231.23
Buildings & Equipment	101,884.53	128,809.63	147,681.14	687,455.25
Tank Farm & Dock	28.00	3,517.78	0.00	3,545.78
Townsite	23,550.42	25,606.95	16,271.79	75,706.25
Landfill Site	0.00	0.00	0.00	12,513.21
Mine Closure(Sealing entrances)	1,000.87	296.84	1,290.95	2,588.66
Hazardous Material Disposal	1,587.39	2,671.37	10.30	4,970.75
Tailings & Water Line Recovery	-2.76	0.00	0.00	3,226.52
Access Road Cleanup, Culvert Removal	214.58	0.00	99.26	1,362.29
Vehicle Maintenance	9,522.58	6,083.41	37,950.46	75,089.71
Inventory Adjustments	0.00	8,206.34	-280,899.97	-224,381.94
Total	214,035.65	295,370.86	1,783,027.23	3,096,570.35

5.0 APPENDICES:

5.1 Reclamation schedule update

- An update of the existing reclamation schedule, reflecting current activity to September 30 and amendments to the planned schedule.

5.2 Maps of Nanisivik Mine roads

Maps prepared by Gartner Lee Limited, which indicate:

- The existing road system for the Nanisivik Mine impact area
- Roads to be reclaimed
- Roads to remain open permanently and temporarily
- Ownership of current and remaining roads
- Locations of geochemical assessment sampling

5.3 Revised: Table 8 - Water quality monitoring – Reclamation period.

- This section includes the current revised version of the Closure and Reclamation Plan's Table 8 – "Water Quality Monitoring-Reclamation Period.

5.4 Report on condition of concrete at the Concentrate Storage shed:

- A report by Gartner Lee Limited, which assesses sub-floor soil samples taken at the Concentrate Storage Shed.

5.5 QA/QC measures for reclamation covers

- A quality control and quality assurance plan for the surface reclamation covers, prepared by BGC Engineering Ltd.

5.6 Report on possible PCB contamination of buildings

- An analysis of exterior paint and wood samples taken from buildings at the Nanisivik town site, prepared by Gartner Lee Limited.

5.7 Photos

- Miscellaneous photos taken during the 2nd and 3rd quarter

APPENDIX 5.1

Reclamation Schedule Update

NANISIVIK MINE - INTEGRATED MINE RECLAMATION SCHEDULE

ID	Task Name	Duration	Start	Finish	2004												2005											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
61	Breach Baffle Dike	3 days	Thu 01/01/04	Mon 05/01/04																								
62	Remove Polishing Pond Sediments	7 days	Thu 01/01/04	Fri 09/01/04																								
63	Final Survey	5 days	Thu 01/01/04	Wed 07/01/04																								
64	Lower Reservoir Water Level # 2	21 days	Fri 01/07/05	Thu 21/07/05																								
65	Construct Outlet Structure	28 days	Thu 01/01/04	Mon 09/02/04																								
66	Final Survey	5 days	Thu 01/01/04	Wed 07/01/04																								
67	East Lake	535 days	Thu 01/01/04	Thu 28/07/05																								
68	Outlet Dike Erosion Protection	14 days	Fri 15/07/05	Thu 28/07/05																								
69	Remove East Lake Pump Station	7 days	Thu 01/01/04	Fri 09/01/04																								
70	Breach East Lake Road	7 days	Thu 01/01/04	Fri 09/01/04																								
71	8. Rock Piles and Open Pits & portals	349 days	Fri 12/11/04	Thu 27/10/05																								
72	Area 14	18 days	Sun 01/05/05	Wed 18/05/05																								
73	Consolidate Waste Rock	2 days	Sun 01/05/05	Mon 02/05/05																								
74	Thermal Barrier Cover (shale & gravel)	5 days	Tue 03/05/05	Sat 07/05/05																								
75	Install Instrumentation	4 days	Sun 08/05/05	Wed 11/05/05																								
76	Final Survey	1 day	Thu 12/05/05	Thu 12/05/05																								
77	Area 14 road	6 days	Fri 13/05/05	Wed 18/05/05																								
78	K-Baseline	40 days	Wed 15/06/05	Sun 24/07/05																								
79	Seal K-Baseline portal	3 days	Wed 15/06/05	Fri 17/06/05																								
80	Hydrocarbon soil cleanup	16 days	Sat 18/06/05	Sun 03/07/05																								
81	Additional shale cover	2 days	Mon 04/07/05	Tue 05/07/05																								
82	Relocate Waste Rock to East Open Pit/Trench	3 days	Wed 06/07/05	Fri 08/07/05																								
83	Final Survey	3 days	Sat 09/07/05	Mon 11/07/05																								
84	Kahula Lake road	7 days	Tue 12/07/05	Mon 18/07/05																								
85	K-baseline to East pit road	6 days	Tue 19/07/05	Sun 24/07/05																								
86	Oceanview	15 days	Wed 01/06/05	Wed 15/06/05																								
87	Oceanview portal	1 day	Wed 01/06/05	Wed 01/06/05																								
88	Consolidate Waste Rock	1 day	Thu 02/06/05	Thu 02/06/05																								
89	Thermal Barrier Cover (shale & gravel)	6 days	Fri 03/06/05	Wed 08/06/05																								
90	Final Survey	1 day	Thu 09/06/05	Thu 09/06/05																								

Project: Nanisivik Integrated Schedule
Date: Sat 11/12/04

Task

Split

Progress

Milestone



Summary



External Tasks



Deadline



NANISIVIK MINE - INTEGRATED MINE RECLAMATION SCHEDULE

ID	Task Name	Duration	Start	Finish	2004												2005											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1. Planning and Management	452 days	Tue 06/07/04	Sat 01/10/05																								
2	NWB Approval	1 day	Tue 06/07/04	Tue 06/07/04																								
3	NWB Authorization	1 day	Tue 06/07/04	Tue 06/07/04																								
4	Earth Moving Contractor	413 days	Sat 14/08/04	Sat 01/10/05																								
5	Initial Mobilization of Workers	0 days	Sat 14/08/04	Sat 14/08/04																								
6	Mobilization of Equipment	0 days	Sat 28/08/04	Sat 28/08/04																								
7	Interim Demobilization of Workers	0 days	Sun 31/10/04	Sun 31/10/04																								
8	Remobilization of Workers	0 days	Wed 16/03/05	Wed 16/03/05																								
9	Final Demobilization of Workers and Equipment	0 days	Sat 01/10/05	Sat 01/10/05																								
10	2. Regulated materials:	397 days	Tue 31/08/04	Sat 01/10/05																								
11	Ship Regulated Materials Off-Site #1	1 day	Tue 31/08/04	Tue 31/08/04																								
12	Storage of regulated materials	366 days	Thu 30/09/04	Fri 30/09/05																								
13	Ship Regulated Materials Off-Site #2	1 day	Sat 01/10/05	Sat 01/10/05																								
14	3. Quarries: Develop close & reclaim	419 days	Sun 01/08/04	Fri 23/09/05																								
15	Mt. Fuji (shale)	91 days	Sun 01/08/04	Thu 02/06/05																								
16	West Twin (shale)	7 days	Sun 26/09/04	Sat 02/10/04																								
17	East Twin (shale)	71 days	Sun 03/10/04	Tue 31/05/05																								
18	Landfill (shale)	26 days	Wed 01/06/05	Fri 23/09/05																								
19	Twin Lake (sand & gravel)	81 days	Mon 13/09/04	Mon 22/08/05																								
20	Area 14 (shale) reclaim only	3 days	Thu 19/05/05	Sat 21/05/05																								
21	Shale Hill	76 days	Wed 01/06/05	Mon 15/08/05																								
22	4. Landfill & STOL airport	117 days	Wed 01/06/05	Sun 25/09/05																								
23	Contaminated soil remediation	5 days	Wed 01/06/05	Sun 05/06/05																								
24	Landfarm soils	2 days	Wed 01/06/05	Thu 02/06/05																								
25	Hydrocarbon & metals at STOL	3 days	Fri 03/06/05	Sun 05/06/05																								
26	STOL port to Landfill road	1 day	Mon 06/06/05	Mon 06/06/05																								
27	Shale cover	14 days	Tue 07/06/05	Mon 20/06/05																								
28	Sand & gravel cover	7 days	Wed 24/08/05	Tue 30/08/05																								
29	Install Instrumentation	2 days	Wed 31/08/05	Thu 01/09/05																								
30	Close out shale & gravel covers	5 days	Mon 19/09/05	Fri 23/09/05																								

Project: Nanisivik Integrated Schedule

Date: Sat 11/12/04

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

NANISIVIK MINE - INTEGRATED MINE RECLAMATION SCHEDULE

ID	Task Name	Duration	Start	Finish	2004												2005											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
31	Final survey	1 day	Sat 24/09/05	Sat 24/09/05																								
32	Landfill to town road	1 day	Sun 25/09/05	Sun 25/09/05																								
33	6. West Twin Disposal Area / East Lake	690 days	Tue 15/06/04	Fri 05/05/06																								
34	Surface and Test Cells (thermal barriers)	690 days	Tue 15/06/04	Fri 05/05/06																								
35	Remove Ponded Water	111 days	Tue 15/06/04	Sun 03/10/04																								
36	Cover Construction Tests	2 days	Wed 21/07/04	Thu 22/07/04																								
37	Surface cell & dike crest (shale cover)	89 days	Sun 29/08/04	Sat 14/05/05																								
38	Downstream face of W Twin dike (reslope)	4 days	Sat 07/05/05	Tue 10/05/05																								
39	Tailings at toe of W Twin dike	8 days	Thu 21/10/04	Wed 04/05/05																								
40	Test Cell tailings & dike	35 days	Sun 17/10/04	Sat 14/05/05																								
41	Sand & gravel cover WTDA	15 days	Mon 01/08/05	Mon 15/08/05																								
42	Transition tailings @ toe of W Twin dike	15 days	Sat 07/05/05	Sun 10/07/05																								
43	Transition tailings @ toe of Test cell dike	15 days	Fri 13/05/05	Sun 17/07/05																								
44	Transition tailings @ reservoir	14 days	Wed 21/09/05	Fri 05/05/06																								
45	Instrument installation complete	0 days	Thu 01/09/05	Thu 01/09/05																								
46	Final Survey	7 days	Fri 30/09/05	Thu 06/10/05																								
47	6. Surface Cell Spillway	75 days	Fri 01/04/05	Tue 14/06/05																								
48	Initial surveying	5 days	Fri 01/04/05	Tue 05/04/05																								
49	Channel Excavation, stockpile rock	14 days	Wed 06/04/05	Tue 19/04/05																								
50	Completion/Opening for Usage	0 days	Mon 13/06/05	Mon 13/06/05																								
51	Final Survey	1 day	Tue 14/06/05	Tue 14/06/05																								
52	7. Reservoir/Polishing Pond	588 days	Thu 01/01/04	Mon 19/09/05																								
53	Polishing Pond Sediment Assessment	1 day	Sun 01/08/04	Sun 01/08/04																								
54	Lower Reservoir Water Level (370.2m)	49 days	Thu 01/07/04	Wed 18/08/04																								
55	Relocate Tailings High Spots	7 days	Thu 01/01/04	Fri 09/01/04																								
56	*E9-4 spillway Rd.	2 days	Thu 02/06/05	Fri 03/06/05																								
57	Water management	172 days	Fri 01/04/05	Mon 19/09/05																								
58	Pump water from reservoir	60 days	Fri 22/07/05	Mon 19/09/05																								
59	Water treatment at reservoir	30 days	Fri 01/04/05	Sat 30/04/05																								
60	Remediate Perimeter Areas	31 days	Thu 01/01/04	Thu 12/02/04																								

Project: Nanisivik Integrated Schedule

Date: Sat 11/12/04

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

NANISIVIK MINE - INTEGRATED MINE RECLAMATION SCHEDULE

ID	Task Name	Duration	Start	Finish	2004												2005											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
91	Oceanview to K-baseline road	6 days	Fri 10/06/05	Wed 15/06/05																								
92	East Open Pit, East Trench and 39N/S Rock Pili	59 days	Fri 24/06/05	Sun 21/08/05																								
93	Consolidate Waste Rock from K-Baseline and 39N/S	42 days	Fri 24/06/05	Thu 04/08/05																								
94	Thermal Barrier Cover (shale & gravel)	7 days	Fri 05/08/05	Thu 11/08/05																								
95	Install Instrumentation	2 days	Fri 12/08/05	Sat 13/08/05																								
96	Final Survey	1 day	Sun 14/08/05	Sun 14/08/05																								
97	East pit to 9 south portal road	7 days	Mon 15/08/05	Sun 21/08/05																								
98	West Open Pit	349 days	Fri 12/11/04	Thu 27/10/05																								
99	Geochemical investigation of access Rd.	0 days	Fri 12/11/04	Fri 12/11/04																								
100	Anfo station and contaminated soil	13 days	Fri 08/07/05	Wed 20/07/05																								
101	Backfill West Open Pit	30 days	Fri 02/09/05	Sat 01/10/05																								
102	9S portal to West pit Rd. AFTERpit fill	15 days	Fri 02/09/05	Fri 16/09/05																								
103	West pit to Mill Rd.	15 days	Sat 17/09/05	Sat 01/10/05																								
104	Thermal Barrier Cover (shale & gravel)	21 days	Sun 02/10/05	Sat 22/10/05																								
105	Install Instrumentation	2 days	Sun 23/10/05	Mon 24/10/05																								
106	Final Survey	3 days	Tue 25/10/05	Thu 27/10/05																								
107	9. East Adit Treatment Facility	126 days	Sun 01/05/05	Sat 03/09/05																								
108	Remove Sediment	7 days	Sun 01/05/05	Sat 07/05/05																								
109	Close/Remediate Facility	7 days	Sun 28/08/05	Sat 03/09/05																								
110	10. Underground Mine and Openings	372 days	Wed 15/09/04	Wed 21/09/05																								
111	Stability Assessment	0 days	Tue 01/02/05	Tue 01/02/05																								
112	Utilize Workings	371 days	Wed 15/09/04	Tue 20/09/05																								
113	Design Report Sealing Openings	0 days	Tue 01/02/05	Tue 01/02/05																								
114	Seal Openings to Main Workings	21 days	Thu 01/09/05	Wed 21/09/05																								
115	17 N portal	2 days	Fri 12/08/05	Sat 13/08/05																								
116	11. Town	374 days	Wed 22/09/04	Sat 01/10/05																								
117	Test Building Materials	0 days	Wed 22/09/04	Wed 22/09/04																								
118	Contaminimated Soil Remediation	19 days	Tue 05/07/05	Sat 23/07/05																								
119	Homes	4 days	Tue 05/07/05	Fri 08/07/05																								
120	Dome day tank	10 days	Sat 09/07/05	Mon 18/07/05																								

Project: Nanisivik Integrated Schedule

Date: Sat 11/12/04

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

NANISIVIK MINE - INTEGRATED MINE RECLAMATION SCHEDULE

ID	Task Name	Duration	Start	Finish	2004												2005											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
121	Carpenter shop	5 days	Tue 19/07/05	Sat 23/07/05																								
122	Buildings/Equipment Teardown	303 days	Fri 03/12/04	Sat 01/10/05																								
123	Partial electrical disconnect	2 days	Fri 03/12/04	Sat 04/12/04																								
124	Un-occupied houses (21) phase 1	42 days	Tue 07/12/04	Mon 17/01/05																								
125	Hotel	5 days	Tue 01/03/05	Sat 05/03/05																								
126	Town centre	204 days	Tue 01/03/05	Tue 20/09/05																								
127	Temporary camp construction	93 days	Sun 01/05/05	Mon 01/08/05																								
128	Disconnect services to town	0 days	Mon 01/08/05	Mon 01/08/05																								
129	Un-occupied houses (25) phase 2	35 days	Mon 01/08/05	Sun 04/09/05																								
130	Hockey arena	2 days	Sat 13/08/05	Sun 14/08/05																								
131	Carpenter's shop	7 days	Mon 15/08/05	Sun 21/08/05																								
132	Government Garage	7 days	Mon 22/08/05	Sun 28/08/05																								
133	Dome	7 days	Thu 15/09/05	Wed 21/09/05																								
134	Pamo building	7 days	Sun 25/09/05	Sat 01/10/05																								
135	Surface Contouring	35 days	Mon 01/08/05	Sun 04/09/05																								
136	Final Survey	1 day	Mon 05/09/05	Mon 05/09/05																								
137	E Twin to town road	11 days	Mon 22/08/05	Thu 01/09/05																								
138	12. Dock Area	296 days	Fri 12/11/04	Sat 03/09/05																								
139	Concentrate Shed Floor Assessment	0 days	Fri 12/11/04	Fri 12/11/04																								
140	Buildings/Equipment Demolition	56 days	Sun 01/05/05	Sat 25/06/05																								
141	Cleaning/Teardown of Fuel Tanks and Pipelines	14 days	Fri 01/07/05	Thu 14/07/05																								
142	Contaminated Soil Remediation	42 days	Sun 24/07/05	Sat 03/09/05																								
143	Dock	6 days	Sun 24/07/05	Fri 29/07/05																								
144	Concentrate shed	6 days	Sat 30/07/05	Thu 04/08/05																								
145	Tank farm & chemical storage area	15 days	Fri 05/08/05	Fri 19/08/05																								
146	Road from town to dock	15 days	Sat 20/08/05	Sat 03/09/05																								
147	Cover Concrete Shed Floor (gravel)	14 days	Mon 15/08/05	Sun 28/08/05																								
148	Final Survey	1 day	Mon 29/08/05	Mon 29/08/05																								
149	13. Industrial Complex Area	624 days	Sun 01/08/04	Sun 16/04/06																								

Project: Nanisivik Integrated Schedule

Task

Progress

Summary

External Tasks

Deadline

Date: Sat 11/12/04

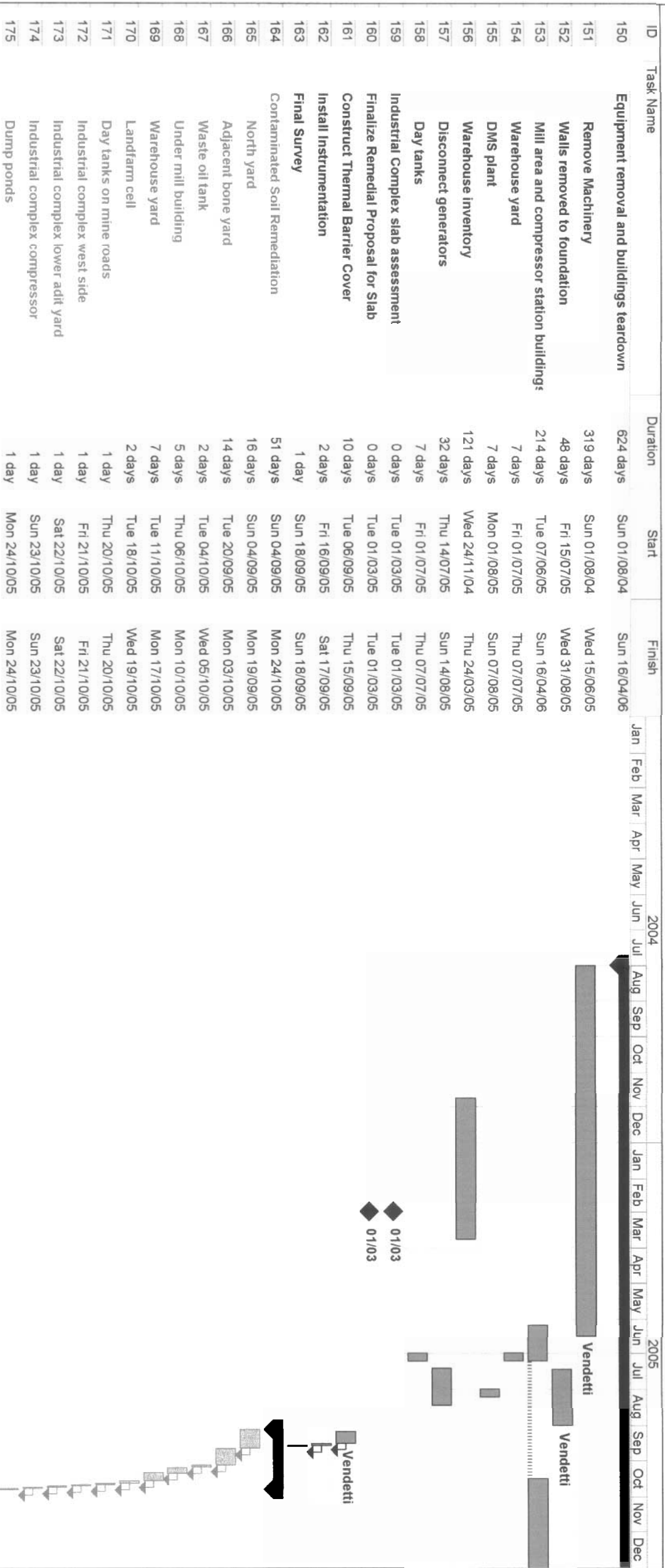
Split

Milestone

Project Summary

External Milestone

NANISIVIK MINE - INTEGRATED MINE RECLAMATION SCHEDULE



Project: Nanisivik Integrated Schedule
Date: Sat 11/12/04

Task

Progress

Summary

External Tasks

Deadline

Split

Milestone

Project Summary

External Milestone

APPENDIX 5.2

Map of Nanisivik Mine roads



to: Murray Markle, Site Manager
from: Eric Denholm
date: November 10, 2004
c.c.: Mike Weirmeir, Bob Carreau
re: **Nanisivik, Overview of Reclamation of Roads**

This memo and the two attached figures describe the recommended approach to reclamation of roads. This memo and the accompanying figures are provided for submission, at your discretion, to the Nunavut Water Board in response to requests for information

Figure 1 identifies roads according to the following categories:

1. Government roads that are not to be removed from use by CanZinco (although cleanup of surficial high metal concentrations related to the mine is planned);
2. Mine roads that are planned for reclamation in 2005;
3. Mine roads that are planned for reclamation at the end of the Monitoring Period; and
4. The 09 Access Road, which is the subject of the 2004 geochemical assessment and also planned for reclamation in 2005.

Category 3 is important because it identifies roads that will remain in use for some time into the future and at least for the minimum 7-year timeframe set out for the Monitoring Period. These roads should not be "removed" until that time because they provide the only vehicle access to outlying points of the mine site and would be the only way to mobilize equipment necessary for maintenance or contingency work. These roads include the roads to Area 14, Oceanview, the landfill and the West Twin Disposal Area.

At this time, the "category 3" roads are planned for reclamation by restoring natural drainage paths and removing culverts, which would likely render these roads impassable to light vehicles. However, at that point in the future, the most appropriate means of reclamation and the benefits of preserving some roads for on-going use by residents of Arctic Bay should be re-visited. It is possible that the information gathered to that point in time and the desires of the residents of Arctic Bay could prompt a change to the current plan.



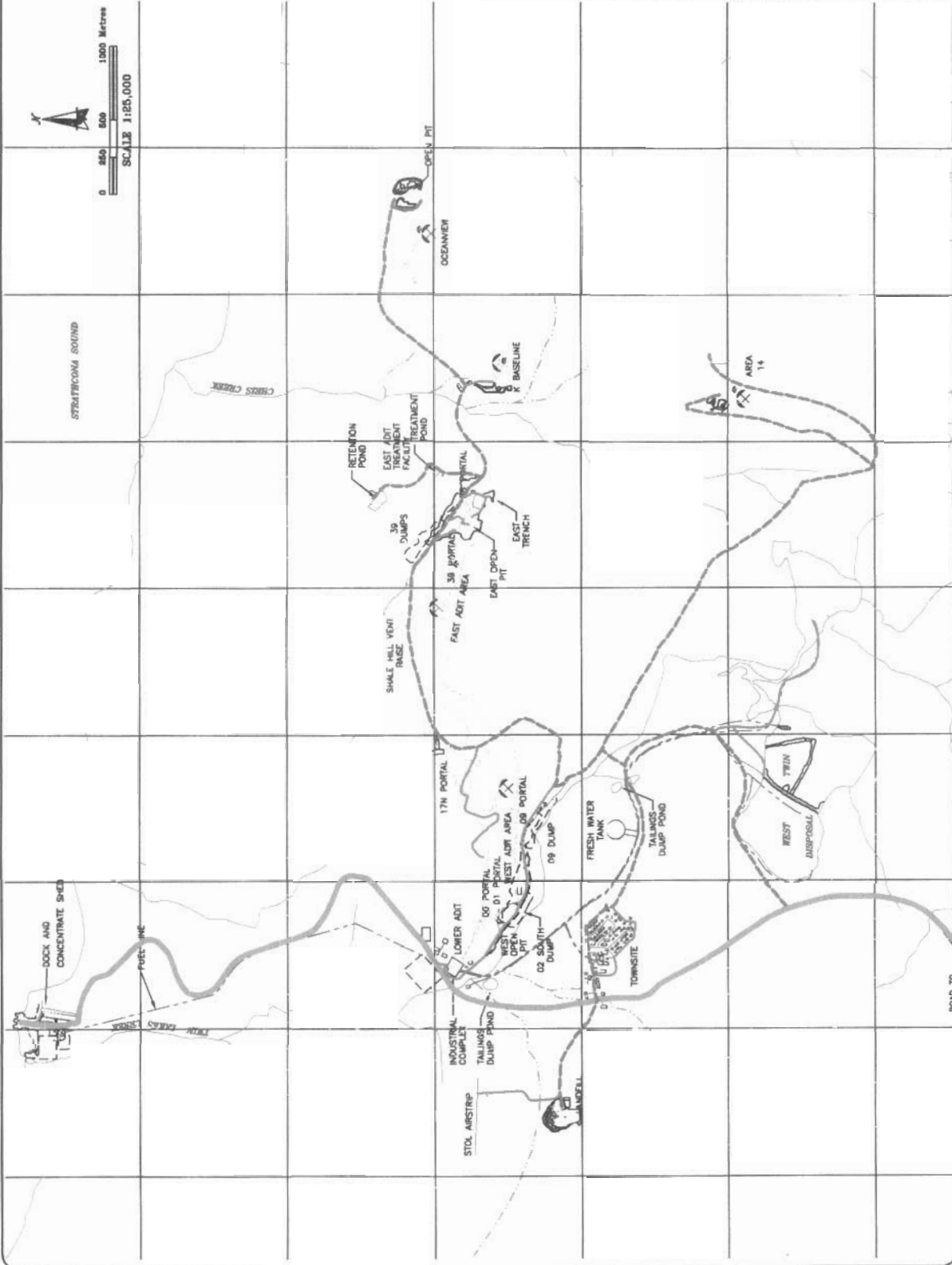
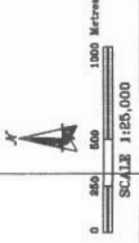
Figure 2 simply provides an overview of locations where samples of road materials were collected as part of the Phase 2, Phase 3 or 09 Access Road investigations. This is in response to a specific request by the Nunavut Water Board. The details regarding the nature and results of the sampling can be found in those reports, which have been submitted to the Nunavut Water Board. The Phase 2 and 3 Investigations have, in fact, been specifically approved by the Nunavut Water Board.

I hope that this memo meets your needs at this time.

Eric Denholm, P.Eng.
Senior Mining Consultant

LEGEND

- GROUND CONTOUR (50 m INTERVAL)
- PIPELINES
- CREEKS, DRAINAGE, STREAMS, SHORELINE
- EXTENT OF UNDERGROUND WORKINGS
- MINES ROADS RECLAIMED 2005
- MINES ROADS RECLAIMED AT END OF MONITORING PERIOD
- GOVERNMENT ROADS TO REMAIN AFTER RECLAMATION
- 09 ACCESS ROAD SUBJECT OF 2004 GEOCHEMICAL ASSESSMENT



SOURCE OF DRAINING:
ORIGINAL FIGURES PROVIDED BY
NANISIVIK MINE

DRAWING INFORMATION:

REVIEWED BY:	ED
DRAWN BY:	COL/PW
DATE ISSUED:	NOVEMBER, 2004
PROJECT NUMBER:	23-835
FILE NAME:	23035-104-01.DWG
REVISION:	0

Project: Nanisivik Mine
Location: Nanisivik, Nunavut
Client: CanZinc Ltd.

OVERVIEW OF ROADS NANISIVIK MINE

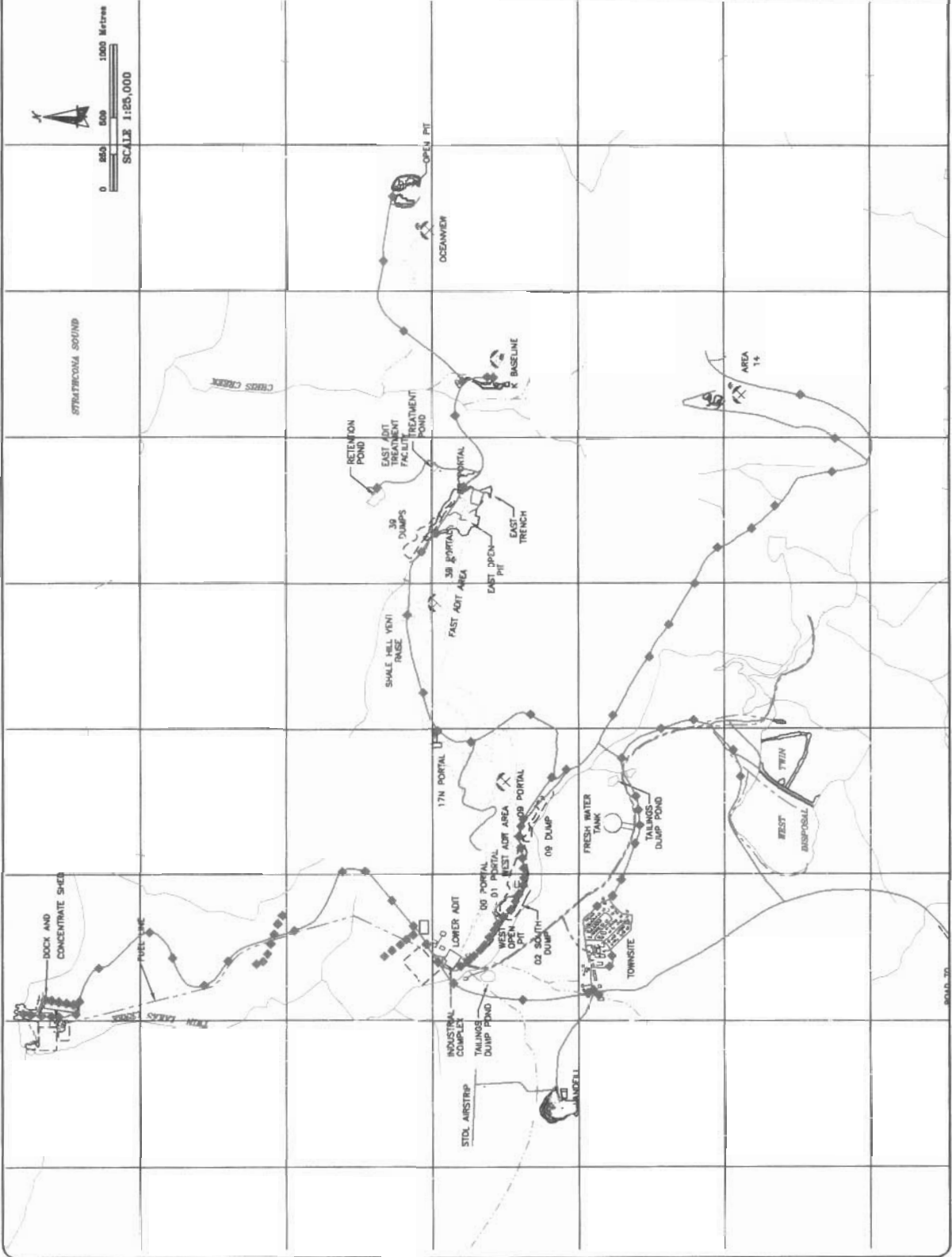

Gartner
Limited


CanZinc
Ltd.

Figure No.
1

LEGEND

- ROAD
- GROUND CONTOUR
(50 m INTERVAL)
- PIPELINES
- CREEKS, DRAINAGE,
STREAMS, SHORELINE
- EXTENT OF
UNDERGROUND
WORKINGS
- ROAD SAMPLE LOCATION



SOURCE OF DRAWING:
ORIGINAL FIGURES PROVIDED BY
NANISIVIK MINE

DRAWING INFORMATION:
REVIEWED BY: ED
DRAWN BY: CCL/PW
DATE ISSUED: NOVEMBER, 2004
PROJECT NUMBER: 23-835
FILE NAME: 23A35-10M-02.DWG
REVISION: 0

Project: Nanisivik Mine
Location: Nanisivik, Nunavut
Client: CanZinc Ltd.

**SUMMARY OF ROAD SAMPLE
LOCATIONS**

Garner Limited	CanZinc Ltd.	Figure No. 2
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APPENDIX 5.3

Revised: Table 8 - Water quality monitoring – Reclamation period.

Table 8. Water Quality Monitoring – Reclamation Period

Station	Description	Field Parameters ¹	Flow ²	Laboratory Parameters ^{3,4}
Twin Lakes Creek Watershed				
NML-23	Outflow from East Twin Lake	W	2W	2W – T, S, TSS
159-4	Outflow from West Twin Disposal Area	D	D	W – T, S, TSS
159-9	Twin Lakes Creek stream crossing	W	-	2W – T, S, TSS
200-7	Twin Lakes Creek upstream of waste rock piles	W	-	2W – T, S, TSS
159-11	Twin Lakes Creek downstream of waste rock piles	W	-	2W – T, S, TSS
200-3	Twin Lakes Creek downstream of natural sulphide outcrop	W	-	2W – T, S, TSS
159-10	Twin Lakes Creek upstream of west townsite tributary	W	-	2W – T, S, TSS
159-6	Outlet of Twin Lakes Creek into Strathcona Sound	W	2W	2W – T, S, TSS
Chris Creek Watershed				
159-15	Chris Creek upstream of Area 14	W	-	2W – T, S, TSS
159-16	Chris Creek downstream Area 14	W	-	2W – T, S, TSS
159-14	Chris Creek downstream of K-Baseline	W	-	2W – T, S, TSS
159-13	Chris Creek downstream of East Adit	W	-	2W – T, S, TSS
159-17	Chris Creek outlet into Strathcona Sound	W	-	2W – T, S, TSS
East Adit Treatment Facility (prior to reclamation of the facility)				
159-12B	Upstream flow into East Adit Retention Pond	W	-	2W – T, S, TSS
159-12	Discharge from East Adit Retention Pond	D	D	W – T, S, TSS
159-12A	East Portal Creek flow into East Adit Catchment Pond	W	-	2W – T, S, TSS
East Adit Treatment Facility (subsequent to reclamation of the facility)				
159-12B	Upstream flow into East Adit Retention Pond	W	-	2W – T, S, TSS
159-12	Discharge from East Adit Retention Pond	W	W	2W – T, S, TSS
159-12A	East Portal Creek flow into East Adit Catchment Pond	W	-	2W – T, S, TSS
Oceanview Watershed				
159-18	Run off from Oceanview Open Pit area	W	-	2W – T, S, TSS
159-19	Discharge from Oceanview sump	W	-	2W – T, S, TSS
Kuhulu Lake				
NML 12	Run off into Kuhulu Lake	2A	-	2A – T, S, TSS
NML 14	Outflow from Kuhulu Lake	2A	-	2A – T, S, TSS

Station	Description	Field Parameters ¹	Flow ²	Laboratory Parameters ^{3,4}
Landfill Watershed				
NML-26	Surface flow at toe of Landfill	W	2W	2W – T, S, TSS, B, F
NML-30	Downstream of Landfill – west drainage system	W	2W	2W – T, S, TSS, B, F
NML-29	Downgradient of Landfill – east drainage system (intermittent surface flow)	W	2W	2W – T, S, TSS, B, F
TP02-95	Groundwater well downgradient of the Landfill	2A	-	2A – D, S, TDS
TP02-97	Groundwater well downgradient of the Landfill	2A	-	2A – D, S, TDS
TP02-102	Groundwater well downgradient of the Landfill	2A	-	2A – D, S, TDS
TP03-387	Groundwater well downgradient of the Landfill	2A	-	2A – D, S, TDS

Notes: D=daily; W-weekly; 2W=every 2 weeks; M=monthly; 2A=twice per year (early/late summer).

- Field Parameters include: pH, conductivity, temperature.
- Flow measurement may be by velocity measurement, staff gauge or other direct measurement.
- All metals analyses to include hardness.
T=total metals, D=dissolved metals; S=sulphate; TSS=total suspended solids;
TDS=total dissolved solids. B=B-TEX, F=F1 and F4
- TSS and S determinations may be conducted at the on-site laboratory; other determinations to be made at an accredited off-site laboratory.