ANVIL RANGE PROPERTY

EMERGENCY RESPONSE PLAN

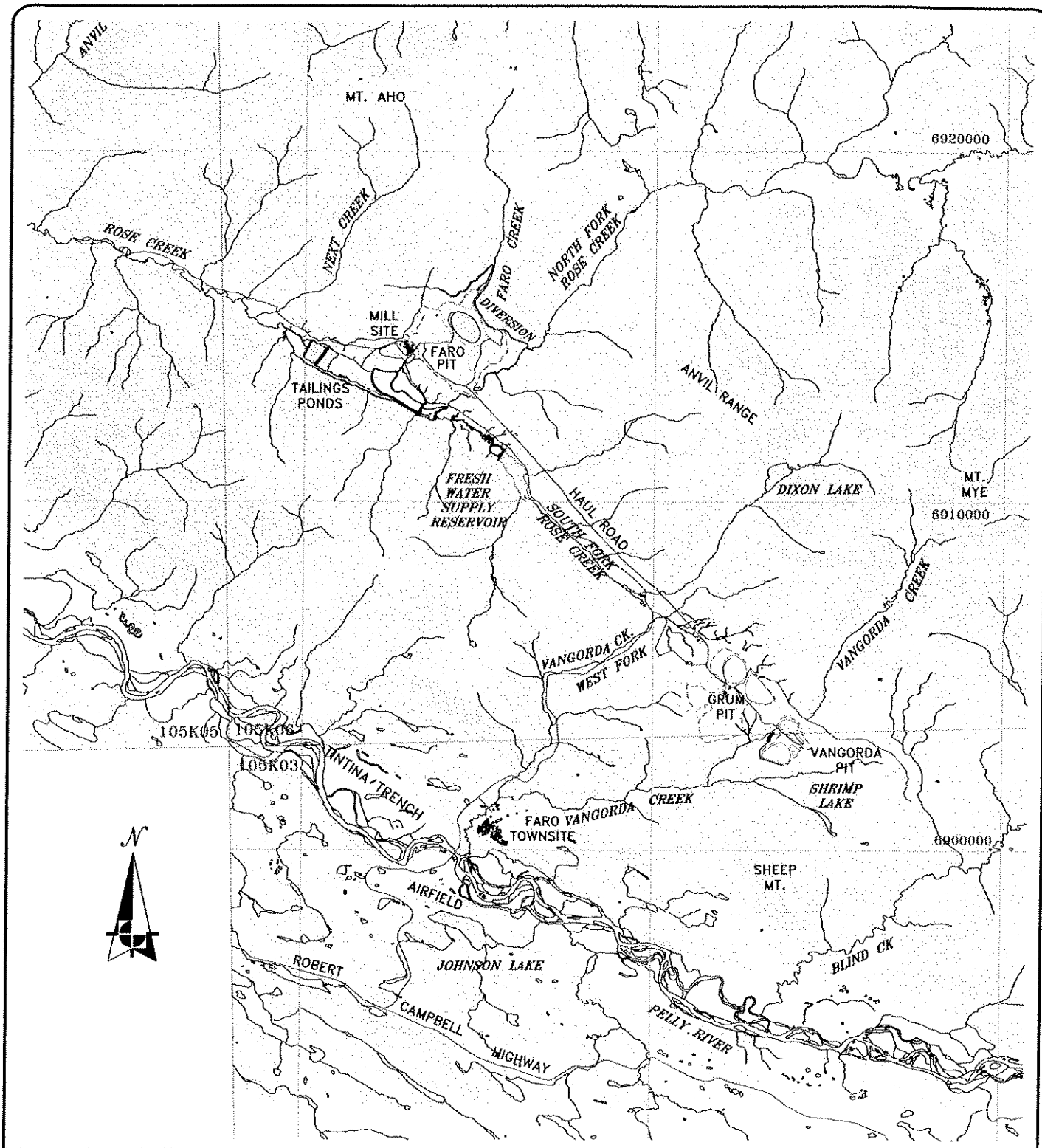
1. Overview of the Emergency Response Plan and Site Drawings

This document provides an Emergency Response Plan for the Anvil Range property, consisting of the Faro and Vangorda Plateau mine sites (the "property").

This document is intended to provide all necessary information for the identification, response to and notification of emergency events at the property and is intended to be used as a guide by those involved in responding to and managing an emergency event.

This document is organized into the following sections:

1. Overview of the Emergency Response Plan and Site Drawings (this section)
2. Communications, Actions and Notifications Flowsheet
3. Management Communications Contact Information
4. Actions and Notifications Contact Information
5. On-Site Emergency Response Equipment
6. Environmental Spills
7. General Loss of Power
8. General Loss of Communications
9. General Loss of Road Access
10. Water Retention Dams & Water Diversions
11. Complete Breach of Faro Creek Diversion into Faro Main Pit
12. Complete Breach of Vangorda Creek Diversion into Vangorda Pit
13. Breach of Rose Creek Diversion Canal
14. Pump Failure
15. Pipeline Breaks
16. Fire
17. Medical Incident



LEGEND:

- MAIN ROAD
- SURFACE DRAINAGE
- FOOTPRINT OF OPEN PITS AND ROCK DUMPS

0 1.5 3.0 4.5 6.0 7.5 Km

SCALE 1:150,000

COORDINATES ARE UTM NAD83 ZONE 8
CONTOUR INTERVAL 100 FT.

DRAWING INFORMATION:	
REVIEWED BY:	ED
DRAWN BY:	CPW
DATE ISSUED:	APRIL, 2004
PROJECT NUMBER:	23-576
FILE NAME:	23576-1D-01.DWG
REVISION:	0

ANVIL RANGE PROPERTY
EMERGENCY RESPONSE PLAN

AREA MAP

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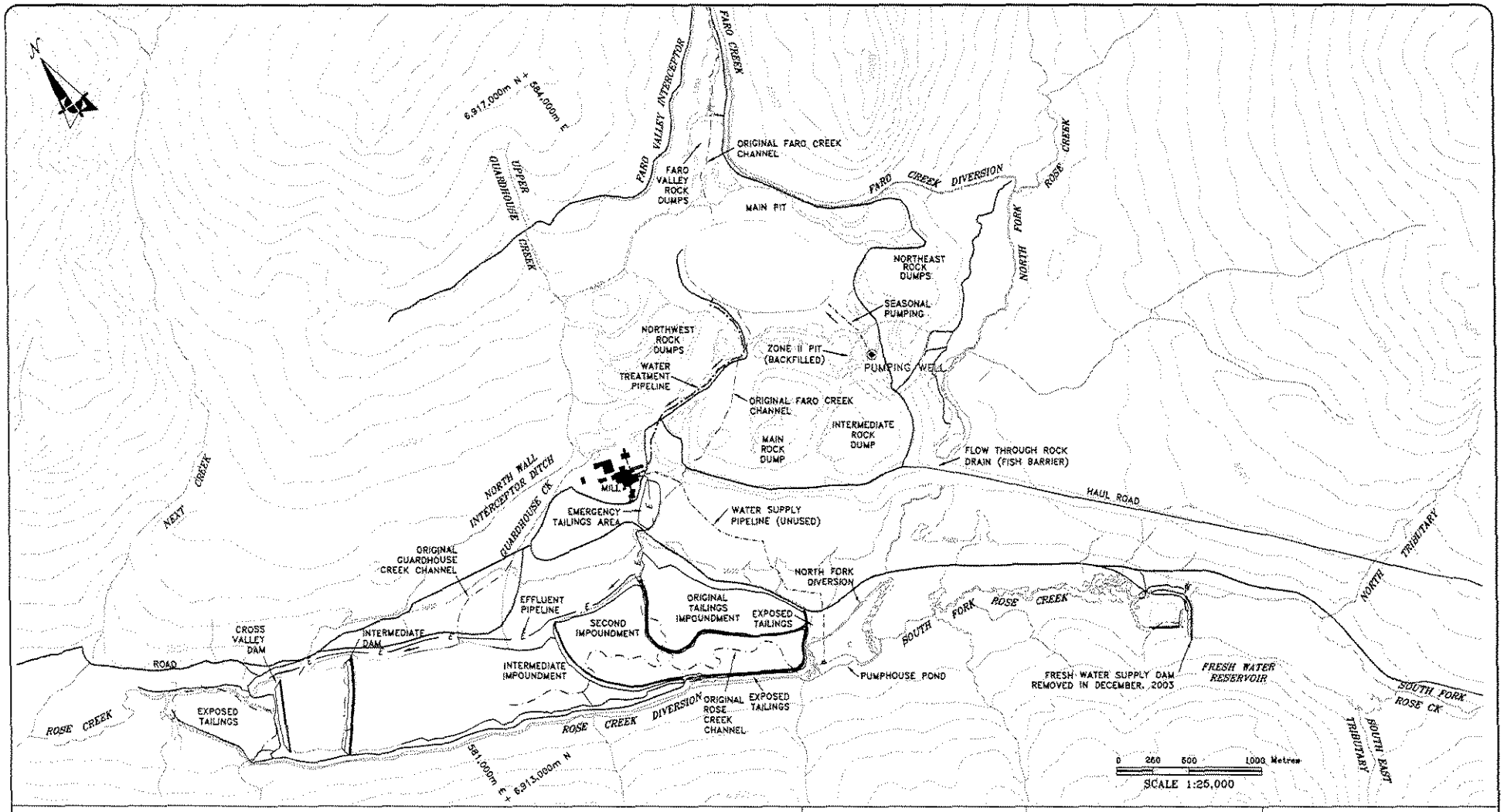
FIGURE NO. 1



LEGEND:

- ROADS
- EXISTING SURFACE DRAINAGE
- PRE-MINE DRAINAGE
- E — EFFLUENT PIPELINE
- PIPELINE
- WATER TREATMENT PIPELINE
- SURFACE WATER

SOURCES OF INFORMATION:

1. DIGITAL COPY OF 1:50,000 TOPOGRAPHIC MAP SUPPLIED BY SRK CONSULTING.
2. MAP COORDINATES ARE UTM NAD83 ZONE 8; CONTOUR INTERVAL 100 FT.
3. FARO MINE DETAILS ADAPTED FROM DRAWINGS BY ROBERTSON GEOCONSULTANTS INC.

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REVISION:	0

ANVIL RANGE PROPERTY
EMERGENCY RESPONSE PLAN

FARO MINE SITE OVERVIEW

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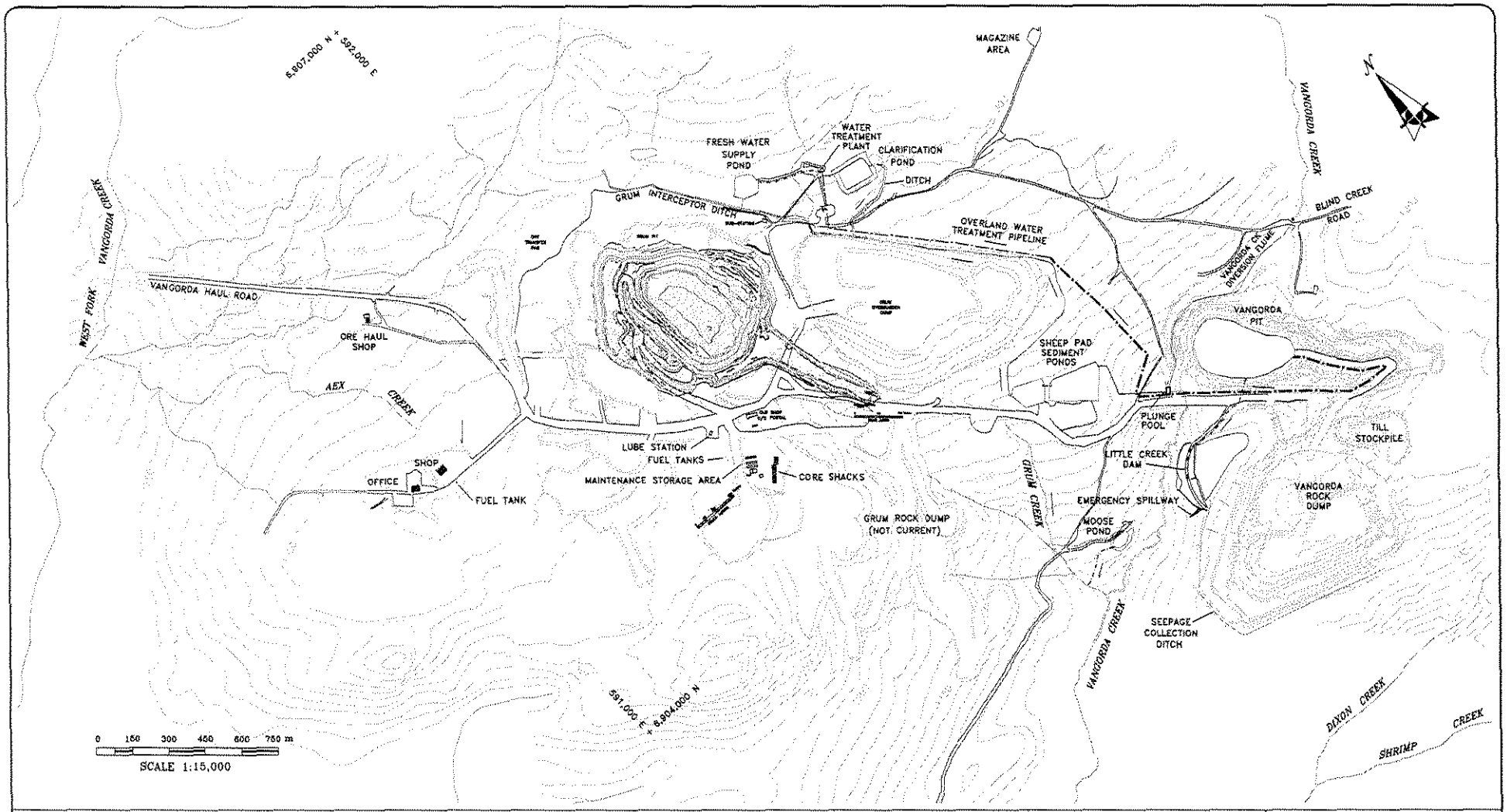
FIGURE NO. 2



LEGEND:

- ROADS
- EXISTING SURFACE DRAINAGE
- WATER TREATMENT PIPELINE
- MAJOR CONTOUR
- MINOR CONTOUR

SOURCES OF INFORMATION:

1. DIGITAL COPY OF 1:50,000 TOPOGRAPHIC MAP SUPPLIED BY SRK CONSULTING.
2. FARO MINE DETAILS ADAPTED FROM DRAWINGS BY ROBERTSON GEOCONSULTANTS INC.

NOTE:

1. MAP COORDINATES UTM NAD83 ZONE 8; CONTOUR INTERVAL 10 METRES

DRAWING INFORMATION:	
REVIEWED BY:	ED
DRAWN BY:	CPW
DATE ISSUED:	APRIL, 2004
PROJECT NUMBER:	23-576
FILE NAME:	23576-10-03.DWG
REVISION:	0

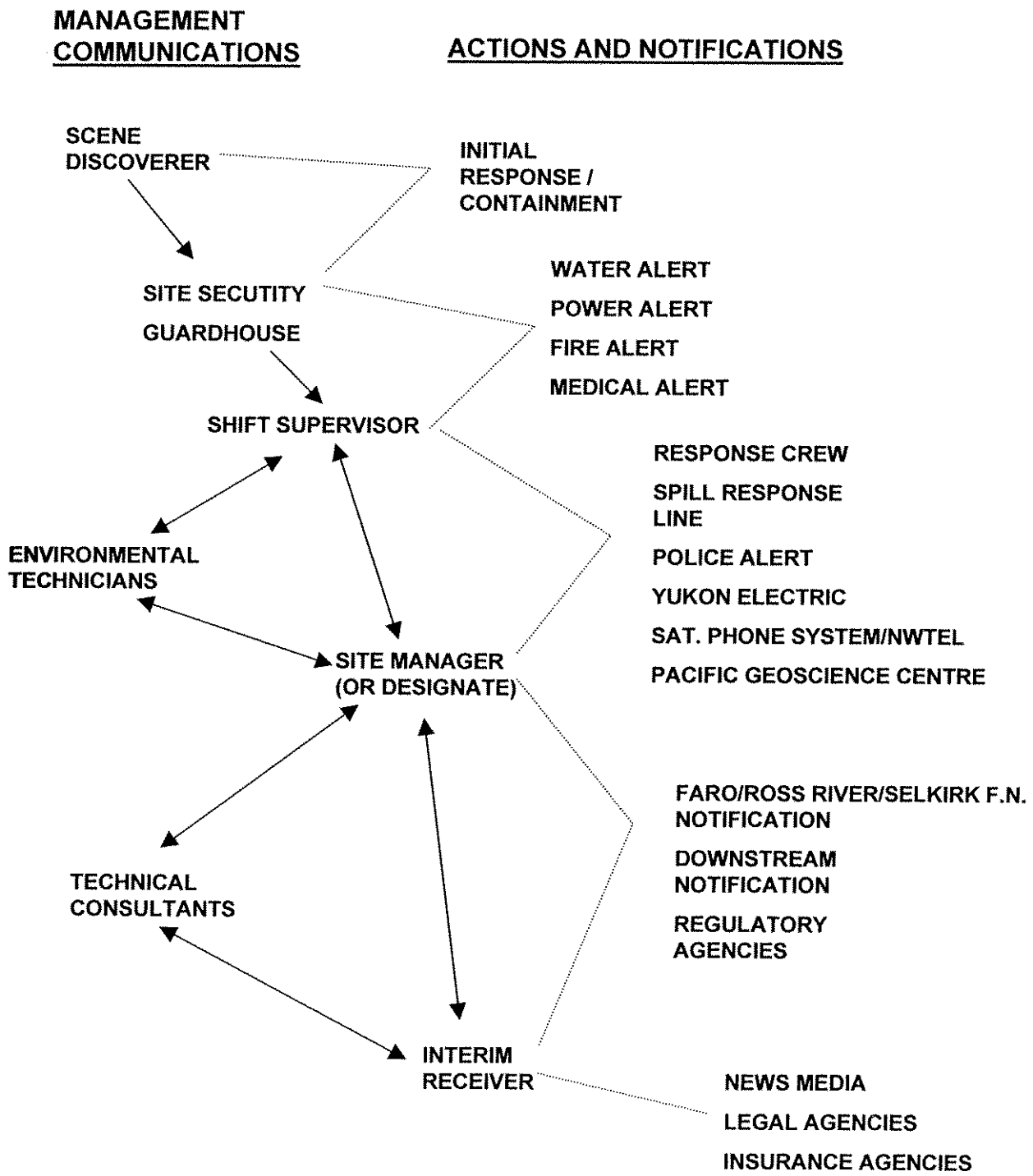
ANVIL RANGE PROPERTY
EMERGENCY RESPONSE PLAN

VANGORDA PLATEAU MINE SITE OVERVIEW

Gartner Lee

FIGURE NO. 3

2. Communications, Actions And Notifications Flowsheet



3. Contact Information

This section provides contact information as per the "Communications, Actions and Notifications Flowsheet".

Contact	Primary	Secondary
Mine Personnel, Management and Technical Consultants		
Site Security	via site radios	994-2315 (guardhouse – minesite)
Shift Supervisor	via site radios via the security guardhouse, 994-2315	Dan Duivenvoorden, 994-3111 (home)
Environmental Technicians	Office, 994-2315 (office) Rhonda Haggar, 994-3328 (home) Craig McKinnon, 994-2500 (home)	Shift Supervisor
Site Manager	Dana Haggar, 994-2354 (office) 994-2647 (home)	Michael Bryson, 994-2315 (office) 994-2579 (home)
Technical Consultants, Environmental (Gartner Lee Limited)	Eric Denholm, 867-873-5808 (office) 867-669-7855 (home) 867-444-1256 (cell)	Forest Pearson, 867-633-6474 ext.23 (office) Leslie Gomm, 867-633-6474 ext. 34 (office) Stephen Morison, 403-262-4299 ext. 120 (office)
Technical Consultants, Geotechnical (BGC Engineering Inc.)	Jim Cassie, 403-250-5185 ext. 103 (office) 403-240-0089 (home) 403-651-2464 (cell)	Gerry Ferris, 403-250-5185 ext. 101 (office) 403-228-1077 (home)
Technical Consultants, Geotechnical (SRK Consulting)	Peter Healey, 604-601-8420 (office) 604-985-6751 (home)	Cam Scott, 604-601-8425 (office) 604-267-1166 (home)
Technical Consultants, Environmental (Laberge Environmental Services)	Ken Nordin, 867-668-6838 (office) 867-668-1043 (home)	Bonnie Burns, 867-668-6838 (office) 867-668-1043 (home)
Interim Receiver, Deloitte & Touche Inc.	Doug Sedgwick, 416-643-8034 (office) 416-236-9193 (home) Greg Stevens, 403-267-1724 (office) 403-249-2255 (home) Wes Treleaven, 416-601-4482 (office) 416-231-1288 (home)	-

(continued ...)

3. Contact Information (continued)

Contact	Primary	Secondary
Ross River/Ross River Dena Council		
Ross River Dena Council	Faro Projects Office (being established)	Council Office, 867-969-2277 Land Claims Office, 867-969-2832
RCMP	Office, 867-969-5555	-
YTG, Renewable Resources Officer	Office, 867-536-7365	-
Town of Faro		
Town Office	Administration, 994-2728	-
RCMP	Office, 994-5555	-
YTG, Renewable Resources	Office, 994-2862	-
Pelly Crossing/Selkirk First Nation		
Selkirk First Nation	Darrin Isaac, Lands Manager, 867-537-3331	Richard Baker, Corporal Ranger, 867-537-3331 (office) 867-537-3006 (home)
RCMP	Dave Wallace, RCMP, 867-537-5555	-

4. Actions and Notifications Contact Information

This section provides contact information for actions and notifications as per the "Communications, Actions and Notifications Flowsheet".

Actions Notification	Party	Numbers
Medical Alert	Faro Nursing Station	994-4444
Fire Alert	Town of Faro YTG, Forest Fires Hotline	994-2222 1-888-798-3473
Response Crew	See below	See below
Spill Response Line	24-hour number, Whitehorse	867-667-7244
Police Alert	Faro RCMP	994-5555
NRCan Pacific Geoscience Centre	Earthquake reporting or listings	www.pgc.nrcan.gc.ca/seismo
Yukon Electric	Duty Officer, Whitehorse	867-633-7091
Satellite Phone System	Global Star (Total North)	867-668-5175
Northwestel	Business centre	867-669-5454
YTG, Highway Maintenance	Ross River	867-969-2246
Regulatory Agencies, Whitehorse	YTG, Chief Water Inspector	867-667-3227

Response Crew	Party	Numbers
Local Heavy Equipment Operators	Harry Pardy (Employee) John Salo (Employee) Harry Meers (Employee) Neil Freake (Employee)	On-file, if not listed
Local Electrical	Ray Jones (Employee) Gary (Yukon Electric) 867-994-3013	
Local Welding	Bill Power (Employee) Chris Wilkinson (Employee)	
Support Contractors – Local	Tim Moon, Ross River 867-969-2519 Clifford MacLeod, Ross River 867-969-2364 Paul Minder Ross River MTC 867-969-2827 Town of Faro, Maintenance 867-994-2758	
Support Contractors - Regional	Golden Hills Ventures, Whitehorse 867-668-7807 Pelly Construction, Whitehorse 867-667-6161 YTG, Drury Creek Camp 1-600-700-0548	

5. On-Site Emergency Response Equipment

This section provides a listing of the on-site emergency response equipment with accompanying comments.

Response Equipment
Earth Moving
CAT 16G grader
CAT D9 dozer
CAT 235 hydraulic excavator
Terex PA25 rock truck
Link-Belt 460LX hydraulic excavator
Volvo L220E front end loader
Highway-rated dump truck
Case 4WD 580SM backhoe loader
Heavy Equipment float and tractor
Lifting
P&H 115 ton mobile crane
P&H 40 ton mobile crane
Tandem axle HIAB crane truck
Single axle HIAB crane truck
Generators
CAT 285 kW diesel genset
Cummins/Onan 300 kW diesel genset
2.7 MW Emergency Generator
Various small portable gasoline generators
Mobile Fuel Supply
(2) trailer mounted enviro-fuel tanks
On-site supply of diesel fuel and gasoline
Off Road Vehicle
(2) 4WD quad bikes
(2) snow mobiles
Communications
Dedicated-frequency hand held radios
(2) Mobile satellite telephones
Fixed satellite telephone
Medical and Fire
Medical Response Vehicle
Fire Truck
Other
Various 4WD light vehicles
Various flat deck utility trailers
Miscellaneous steel and plastic pipe and hoses
Various small pumps

6. Environmental Spills

6.1 SUMMARY

A "spill" is a release into water or onto land of a regulated or hazardous substance (dry or liquid).

All spills must be reported to the shift supervisor. Some spills may have to be reported to the 24-hour reporting phone number. The shift supervisor and site manager will make this determination.

Most substances are harmful if swallowed, inhaled or absorbed through the skin. Therefore, check the appropriate MSDS sheets and use appropriate personal protective equipment at all times.

Response For Spill Into Water:

1. Stop or reduce discharge, if safe to do so.
2. Report the spill according to the communications, actions and notifications flowsheet.
3. If possible, contain spill by damming or diverting water or by application of absorbent materials.
4. Collect water samples to assess the impact of the spill.
5. Remediate the spill site according to an action plan approved by the site manager.

Response For Spill Onto Land:

1. Stop or reduce discharge, if safe to do so.
2. Report the spill according to the communications, actions and notifications flowsheet.
3. If possible, contain spill by preventing wind dispersion or water runoff including covering or use of absorbent materials if appropriate.
4. Remediate the spill site according to an action plan approved by the site manager.

6. Environmental Spills

6.2 TYPICAL ON-SITE REGULATED AND HAZARDOUS MATERIALS (MSDS's ATTACHED)

Gasoline and Diesel Fuel:

Gasoline and Diesel Fuel are delivered in bulk tanker trucks and off-loaded via onboard pumps into bulk storage tanks. Secondary containment berms are present with capacity to contain 110% of full tank capacity. Storage tanks are registered according to regulatory requirements.

- Gasoline storage tank, near Guardhouse, capacity 45,460 L.
- Double-walled diesel fuel storage tanks, near light vehicle repair shop, capacity 180,000 L.

Other Hydrocarbon Products:

Other hydrocarbon products such as glycols, hydraulic oil and greases are delivered in small containers (20 L pails to 220 L drums). Storage and use is in designated areas only, which undergo routine inspection.

Used Oil is stored in the maintenance shop and periodically shipped off site.

Lime:

Quicklime (CaO) is delivered and stored in 20 t sea containers. Containers are dumped into lime hoppers at the Mill, the Grum/Vangorda water treatment plant or the Down Valley water treatment plant. Approximately 200 to 400 t of lime may typically be used in one year.

Once mixed (slaked) with water, spills of lime slurry would be contained within the treatment plants and within the minewater collection system (i.e., no discharges to the environment).

Concentrates:

Residual lead and zinc concentrates (approximately 1,200 t total) are located within the concentrate storage shed area and are not handled or moved.

6. Environmental Spills

6.3 SPILL RESPONSE

All Parties:

- Identify the spilled product(s) from a safe distance.
- Restrict access to the area and establish a safe perimeter.
- Refer to WHMIS and MSDS information to identify hazardous or dangerous material properties and appropriate handling requirements.
- Assess personal protective equipment needs.

Discoverer:

1. Secure the area, extinguish fire or spark.
2. Stop or minimize product flow, if safe to do so.
3. Report the spill to the Shift Foreman and according to the Communications, Actions and Notifications Flowsheet.
4. Complete an Internal Spill Reporting Form.

Shift Supervisor:

1. Verify provisions for personal safety and stoppage of product flow.
2. Initiate product containment, if safe to do so.
3. Report the spill to the Site Manager and according to the Communications, Actions and Notifications Flowsheet.
4. Lead the spill response action plan as approved by the Site Manager.

Site Manager:

1. Verify that appropriate emergency response procedures are in place.
2. Assess the circumstances, including the nature and volume of product spilled and the environmental and safety implications.
3. Report the spill and notify other parties according to the Communications, Actions and Notifications Flowsheet, as appropriate (Regulatory Reporting Thresholds attached).
4. Initiate a spill remediation plan or verify that a plan is in place.
5. Organize and conduct a post-incident debriefing and prepare a report that describes procedures that reduce the risk of reoccurrence.

6. Environmental Spills

6.4 INTERNAL SPILL RESPONSE REPORT

The internal Spill Response Report follows.

SPILL RESPONSE REPORT

1. IDENTIFICATION

Date of Incident:_____ Time:_____

Date of Discovery_____ Time:_____

Name of Product: (Attach copy of MSDS)_____

_____

Location of Incident: (Attach sketch, if helpful)_____

_____

Type of Spill: (Check one)

1. Point Spill:_____ Approx. area affected:_____sp.ft./sq.m.

2. Linear Spill_____ Length of area affected:_____ft./m.

Volume of Spill:_____(estimate volume and identify units, i.e., Imperial gallons, litres, etc.)

Estimated Rate of Release:_____

Concentration:_____
(expressed in estimated % strength of solution – 100% if not diluted with water or other products)

2. DETAILS OF DISCOVERY

(Prepare, in point form, a chronological sequence of events leading up to the spill or its discovery. Include names or job title of individuals complete with dates and times within each point.)

i. _____

_____

_____

_____

ii. _____

_____

_____

_____

iii. _____

_____

_____

iv. _____

_____

_____

v. _____

_____

_____

vi. _____

_____

_____

vii. _____

_____

_____

3. RISK ASSESSMENT

a) Was MSDS consulted: Yes____ No____

b) Personal Protective Equipment Required

_____

_____

c) Is Employee Safety at Risk: Yes____ No____

d) Can Material Enter a Water Course: Yes____ No____

e) Is the Spill Easily Contained: Yes____ No____

CHECK ONE:

Spill is considered high-risk; immediate action required ____

Call Emergency Response Team for initial response.

OR

Spill is considered low risk; no imminent danger ____

Proceed with clean-up.

4. ACTION TAKEN UPON DISCOVERY

a) Initial Containment: Date: Time:

Describe methods:_____ _____ _____

_____

_____

Samples taken for analysis: Yes___No___ _____ _____

b) Final Containment: Date: Time:

If different from above:_____ _____ _____

_____

_____

Samples taken for analysis: Yes___No___ _____ _____

5. RECOVERY:

Describe methods:_____ _____ _____

_____

_____

_____

_____

_____

_____

_____

6. DISPOSAL

Date: Time:

Temporary Storage: _____ _____ _____

_____

_____

Final Storage: _____ _____ _____

_____

_____

Ultimate Disposal: _____ _____ _____

_____

_____

7. RECOMMENDED ACTION:

Short Term: (to solve immediate problem)

_____

_____

_____

_____

_____

_____

_____

Long Term: (to prevent a recurrence)

_____

_____

_____

_____

_____

_____

_____

8. PERSONS INVOLVED:

Name	Position	Organization (Anvil, other)

9. REPORT CIRCULATION: (In Order – Please Sign)

Shift Supervisor: Date: Time:

Comments:

Site Manager: Date: Time:

Interim Receiver: Date: Time:

Return to Site Manager for filing.

6. Environmental Spills

6.5 REGULATORY SPILL REPORTING THRESHHOLDS

PRODUCT	AMOUNT
All Petroleum Products	>200 litres
Waste Discharges (Licensed conditions - Yukon Waters Act)	Any quantity exceeding Water License
Limits set by Transportation of Dangerous Goods Act (sec. Nos. in Brackets)	
Explosives (1.)	Any amount
Flammable Gases (2.1)	>100 litres
Non-Flammable Gases (2.2)	>100 litres
Poisonous Gases (2.3)	Any amount
Non-Poisonous Gases (2.2)	>100 litres
Corrosive Gases (2.4)	Any amount
Flammable Liquids (3.)	>200 litres
Flammable Solids (4.)	>25 kg
Spontaneous Combustibles (4.)	>25 kg
Dangerous when Wet goods (4.)	>25 kg
Oxidizer (5.1)	50 kg or 50 litres
Organic Peroxides (5.2)	1 kg or 1 litre
Poisonous Substances (6.1)	>5 kg or 5 litres
Infectious Substances (6.2)	Any amount
Radioactive Material (7.)	Any <10mSv @ surface or >200 Sv/h @ 1 meter
Corrosive Materials (8.)	>5 kg or 5 litres
Miscellaneous Dangerous Goods (9.1)	>50 kg
Dangerous Wastes (9.3)	5 kg or 5 litres

6. Environmental Spills

6.6 MATERIAL SAFETY DATA SHEETS (MSDS's) FOR TYPICAL ON-SITE REGULATED AND HAZARDOUS MATERIALS

The following MSDS's are provided in hard copy versions of this report in this order:

- Regular Unleaded Gasoline (#181)
- Diesel Fuel No. 2(#169)
- Ethylene Glycol (#198)
- Diethylene Glycol (#51)
- Open Gear Grease (#175A)
- Open Gear Grease – Aerosol (#175B)
- Gear Oil (Ulitma EP32, 68, 100, 150, 220, 320) (#200)
- Hydraulic Oil (Hydrex MV 22, 36, 60) (#223)
- Quick Lime (#36)
- Anvil Range Lead Concentrate (#222)
- Anvil Range Zinc Concentrate (#224)