

1.0 INTRODUCTION

1.1 Background Information and Summary of Application

This technical assessment report is in support of an effluent discharge permit application that has been prepared under the *Environmental Management Act, SBC 2003 Chapter 23*, for a <75,000 tonne per year mine and process plant on the Yellowjacket Gold Project.

The nature of the project is probably unique, for a mining project in BC that has requested authorization under the *Environmental Management Act*, particularly in regards to its location, scale, impact and progression.

All planned work related to this application will take place within an area that has been extensively placer mined for over 110 years. The project site has existing infrastructure developed under a *Mines Act* Permit No. Mx-1-611 issued in 2007, for a 10,000 tonne bulk sample on the Yellowjacket Zone (YJZ), which correlates to the Yellowjacket Gold Project referenced to in this application. The Project will continue to operate within this existing footprint. The gold processing system is a gravity only extraction method and no chemicals or additives are used. Surface water quality and waste characterization baseline environmental monitoring programs were conducted in 2006 and 2007, which indicated that there were no significant environmental issues in regards to the project. In March, 2009 additional environmental monitoring programs were initiated to confirm results and monitor the activities on-site.

This application follows the *Guidance on Applications for Authorizations under the Environmental Management Act*. However, it must be noted that in many sections of the guide, the purpose for quantifying specific data is for projects whose definitions are more socially, technically and environmentally complex, and whose size is well beyond the scope of the Yellowjacket Gold Project.

1.2 Overview of Company

Prize Mining Corp. is a Calgary, Alberta based junior resource Tier One Company listed on the TSX Venture Exchange (symbol V.PRZ) and the Frankfurt Exchange (symbol PRZFF). Eagle Plains Resources Ltd. is a Cranbrook, British Columbia based junior mining company listed on the TSX Venture Exchange (symbol V.EPL). Corporate office information is:

Prize Mining Corporation

Sierra Place, Suite 810
706 – 7th Ave. NW,
Calgary, Alberta
Canada T2P 0Z1
Telephone: (403) 236 – 2222
Fax: (403) 398 – 0693
President: Harry McGucken

Eagle Plains Resources Ltd.

Suite 200
16 – 11th Ave. S.,
Cranbrook, British Columbia
Canada V1C 2P1
Telephone: (250) 427-0749
Fax: (250) 426-6899
President: Tim Termuende

The designated manager for the project is: Linda Dandy. P. Geo., Consulting Geologist
Box 5036
Lac Le Jeune, BC
Canada V1S 1Y8
lindadandy@telus.net

The Yellowjacket JV intends to operate a sustainable and environmentally responsible project, and is committed to generating positive benefits to the local Atlin community, including TRTFN, while providing exemplary environmental stewardship. The Yellowjacket JV is committed to using local hire practices where possible and anticipates direct training and employment opportunities, as well as opportunities for local contractors and service providers. Socio-economic impacts are anticipated to be positive, as the operation will allow local hires to remain in the community. The project is not expected to affect the current recreational, commercial or industrial uses of the area.

1.3 Property Description

1.3.1 Location and Access

The Project is located within the Atlin Mining Division in northwest BC; approximately 9 kilometres east of the town of Atlin via Surprise Lake Road. The Project is centered at latitude 59°35'N and longitude 133°32'E within map sheets 104N.053 and 104N.063, and is within the traditional territory of the Taku River Tlingit First Nation (TRTFN) (Figure 1-1 - Regional Location Map). The Yellowjacket Gold Project covers a total area of 3044 hectares under a tenure combination of Mineral Titles Online (“MTO”) and legacy claims (Figure 1-2 - Tenure Map).

Power lines follow Surprise Lake Road to within 5 kilometres of the Yellowjacket Gold Project. Abundant water for mining operations is available in the Pine Creek valley. Crew lodgings are available in Atlin. A skilled labour force for mining and exploration is available in Atlin or Whitehorse, YT, a two hour drive. Whitehorse is a major supply and service centre for resource industries working in northwestern BC and the Yukon.

1.3.2 Project Facilities

The entire proposed open pit mining and processing operations are located within the extensively disturbed historic Pine Creek placer channel.

Key components of the Yellowjacket Gold Project include small open pits, stockpile area, mine access and haul roads, water management structures, backfilled waste dumps, gravity only gold process plant, and associated infrastructure facilities (Figures 1-3- Key Components). Table 1.1 below shows the total area of disturbance within the study area has 18.4 hectares.

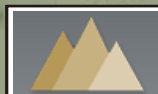
Table 1.1
Areas of Disturbance Breakdown

Mine Component	Disturbance Area (ha)
Phase 1 (P1) Bulk Sample (BS) Pit	1.73
Phase 2 (P2) to Phase 4 (P4) Pits	3.55
Stockpile Areas	6.35
Access and Haulage Roads	2.14
Sediment Ponds	0.21
Tailings Ponds	4.11
Plant Site	0.12
Other Limited Disturbance Areas	0.09
Total Area of Disturbance	18.4

700000

1200000

1700000



Prize Mining Corporation

PRZ:TSX-V

Yellowjacket Gold Project

Figure 1-1 - Regional Location Map

Projection - BC Environment Albers

Scale - 1: 7,700,000

25/03/2009

2000000

2000000

Yukon Territory

Northwest Territories

Whitehorse

Yellowjacket

Taku River Tlingit First Nation

1500000

1500000

Alaska

British Columbia

Alberta

1000000

1000000

Smithers
Terrace
Prince Rupert

Prince George

Edmonton

500000

500000

PACIFIC OCEAN

Bella Coola

Vancouver

Calgary

Kamloops

Kelowna

Nelson

Granbrook

Hope

Castlegar

Creston

Victoria



Legend



Project Location

Major Roads

Railway



Taku River Tlingit First Nation

0 100 200 300 400 500



Kilometers

Washington

700000

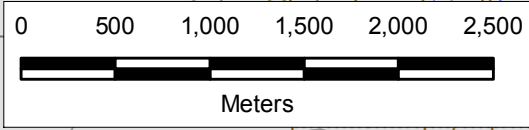
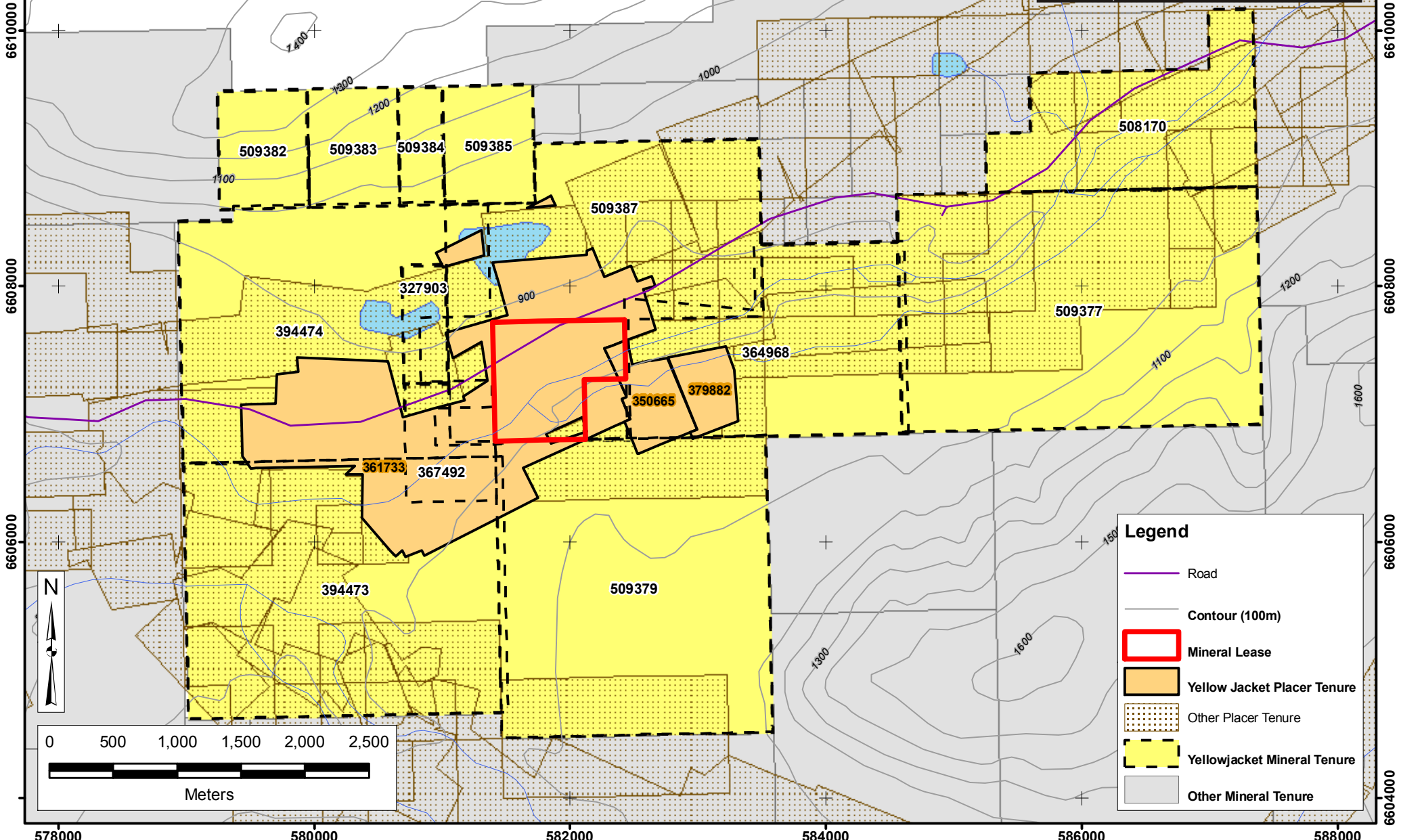
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578000 580000 582000 584000 586000 588000



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 PRZ:TSX-V
Yellowjacket Gold Property
 Figure 1-2 - Tenure Map
 Projection - NAD 83 UTM Zone 08N
 Scale - 1: 40,000
 18/03/2009



Legend

-  Road
-  Contour (100m)
-  Mineral Lease
-  Yellow Jacket Placer Tenure
-  Other Placer Tenure
-  Yellowjacket Mineral Tenure
-  Other Mineral Tenure

578000 580000 582000 584000 586000 588000

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Prize Mining Corporation

PRZ:TSX-V

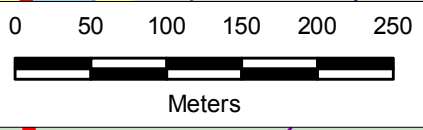
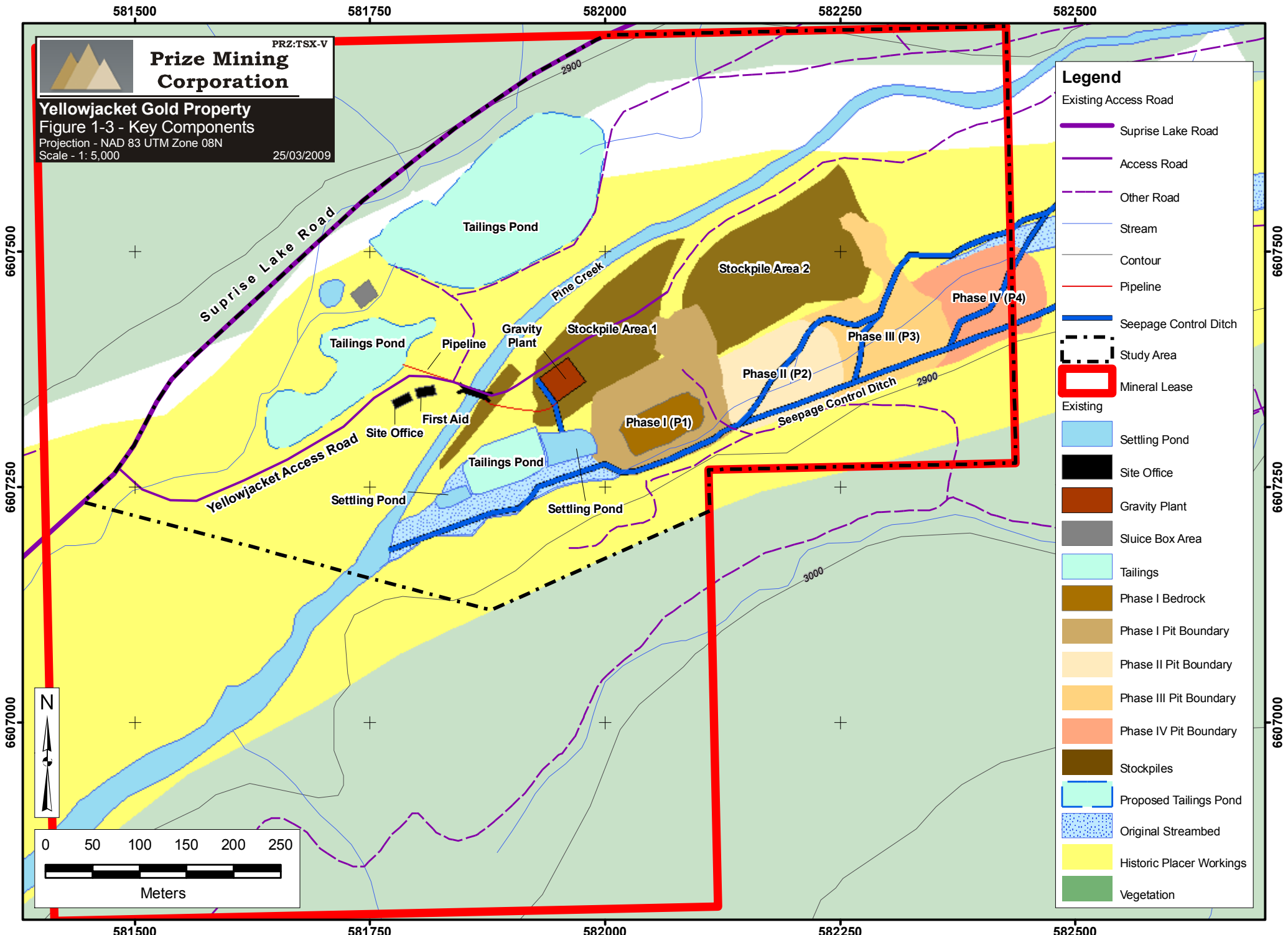
Yellowjacket Gold Property Figure 1-3 - Key Components

Projection - NAD 83 UTM Zone 08N
Scale - 1: 5,000

25/03/2009

Legend

- Existing Access Road
- Suprise Lake Road
- Access Road
- Other Road
- Stream
- Contour
- Pipeline
- Seepage Control Ditch
- Study Area
- Mineral Lease
- Existing
- Settling Pond
- Site Office
- Gravity Plant
- Sluice Box Area
- Tailings
- Phase I Bedrock
- Phase I Pit Boundary
- Phase II Pit Boundary
- Phase III Pit Boundary
- Phase IV Pit Boundary
- Stockpiles
- Proposed Tailings Pond
- Original Streambed
- Historic Placer Workings
- Vegetation



581500

581750

582000

582250

582500

6607500

6607250

6607000

6607500

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581500

581750

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582500