LAKE VIEW

SITE #34

MINFILE# 105M001ar

1. LOCATION AND ACCESS

Lake View is located in the cirque at the headwaters of Faro Gulch on the north slope of Keno Hill. The site is at an elevation of roughly 1460m. Approximate UTM co-ordinates are 7091 100m N and 489 000m E. The site is a 300m hike past the end of the Upper Faro Gulch Trail, a deactivated road that begins at the Lucky Queen site. Four-wheel drive access is possible along the first 1.6 km of the Faro Gulch Trail.

2. SITE PHYSIOGRAPHY (Photo 34-1)

The Lake View site is located along the rib of a rocky east-west ridge. Coarse talus is common throughout the site and soils are poorly developed. Permafrost is considered very likely. The mine site is vegetated with subalpine herbaceous plants, grasses and shrubs(willow). A variety of moss and lichens grow on the talus. Surface water from the site drains northward into the Faro Gulch, a tributary of the Keno Ladue River. No surface water was observed on the site.

3. GEOLOGY AND MINERALIZATION

The host rocks are the Earn Group schist and phyllite with greenstone lenses. A discontinuous quartz vein with minor siderite, galena, freibergite and sphalerite is reported (Minfile #105M 001ar).

4. SITE HISTORY

Nothing is known of the site history. Work dating from the 1930s included minor hand trenching, although an adit is reported. A bulldozer trench was cut at the base of the site in the 1980s.

5. MINE DEVELOPMENT

Development work on the Lake View site is very limited. Two trenches and a bedrock cut were encountered. No ore was produced or processed on the site. There are no tailings or treatment facilities on the site.

5.1 Mine Openings and Excavations

No adit was found on the site. All the trenches are easily accessed by foot. A bedrock cut made where the vein is exposed at the lip of the ridge may represent the collar of an abandoned portal (described below as Trench #4).

Trench #1

Trench #1 is a cat trench developed into bedrock in the 1980s as part of the work conducted on the Gambler site (site #73).

Location: At the base of the ridge.

Dimensions: 15m long x 3m wide x 2m deep

Condition: Good.

Trench #2 (Photo 34-2)

Trench #2 is was hand dug in overburden consisting of colluvial soils composed of up to 70% coarse talus material.

Location: 30m up the ridge, roughly 20m south of the edge of the ridge.

Dimensions: 10m long x 2m wide x 1.5m deep

Condition: Good; partially slumped in.

Trench #3/Open Cut (Photo 34-3)

This location is more of a small open cut excavated into the exposed bedrock lip of the ridge.

Location: On cliff edge of ridge, roughly 80m east along ridge from Trench #1.

Dimensions: 5m long x 2m wide x 1m deep

Condition: Good; difficult to access.

5.2 Waste Rock Disposal Areas

Waste rock disposal areas are limited to small piles of overburden from trenching and were not investigated separately. No waste rock samples were collected.

6. MINE SITE INFRASTRUCTURE

The only mine site infrastructure at the site is a single building. There are no fuel storage areas, rail or trestle structures, milling, processing or electrical facilities.

Building 34-A: Cabin (Photo 34-4)

Dimensions: Building material is spread out over a 20m by 15m area.

Location: End of the Upper Faro Gulch Trail, 70m north of the Trench #1.

Construction: Wood frame construction with metal roof.

Asbestos: None observed.

Contents: No investigated.

7. SOLID WASTE DUMPS

No solid waste dumps were observed at the site.

8. POTENTIAL CONTAMINANTS OF CONCERN

No potential contaminants were observed on the site.

9. WATER QUALITY

Two water samples were collected on along the creek below the site in Faro Gulch as part of work done on the adjacent Gambler (site #73) and Keno No.9 System (site 36) sites. Samples were also collected in 1996 by PWGSC at the same locations. These samples and field analysis results are presented in Table 1. See Gambler report (site #73) for sample result details.

Table 1: 1996 and 1999 Field Data for Surface Water Sampling

1996 Sample No.	1999 Sample No.	Location	1996 Flow	1999 Flow	1996 pH	1999 pH	1996 Cond. (µS/cm)	1999 Cond. (µS/cm)
GAWQ/Str002	73WQ-Str02-01/-02	Faro Gulch 400m below camp.	2 L/s	2 L/min	8	8.2	440	340
GAWQ/Str003	9Vein(S1)@Waste-Rock-09/18/99	Faro Gulch, upstream of mine and waste rock area	4 L/s	N/A	7	6.2	840	500

10. RECLAMATION

The pre-1980 Lake View workings have begun to revegetate naturally. Trench #1 remains barren.

11. REFERENCES

Minfile #105M001ar

Public Works and Government Services Canada. 1997. *Phase II Environmental Assessment of the Gambler Abandoned Mine Site.* Report No. P118401, prepared by Steffen Robertson and Kirsten Inc.

ATTACHMENT 2: 1999 LAKE VIEW WATER SAMPLES LABORATORY RESULTS					
Sample Number	**Detection Limit**	**Units**	**Nine Vain (S1) @ Waste Rock - 09/18/99**	**Nine Vain (S2) @ Waste Rock - 09/18/99**	**73WQ-Str02-01/02 - Gambler - 16/09/99**
Site Description			Faro Gulch, upstream of site drainage	Faro Gulch, upstream of site drainage (duplicate)	Faro Gulch, downstream of site
pH (field)	na	pH			8.2
Conductivity (field)	na	µS/cm			340
pH (Lab)	0.01	pH	7.2	7.17	7.24
Conductivity (Lab)	0.01	µS/cm	570	570	360
Total Alkalinity	5	mg CaCO3/L	21	14	25
Chloride	0.25	mg/L	<0.25	<0.25	<0.25
Hardness (CaCO3 equiv)	5	mg/L	294	298	158
Nitrate-N	0.05	mg/L	0.35	0.32	0.3
Nitrite-N	0.003	mg/L	0.003	<0.003	<0.003
Sulphate	1	mg/L	256	244	137
Total Dissolved Solids	5	mg/L	402	402	249
Analysis by ICP-USN					
Aluminum	0.0008	mg/L	0.347	1.04	0.0371
Antimony	0.005	mg/L	<0.005	0.017	<0.005
Arsenic	0.01	mg/L	0.02	0.03	<0.01
Barium	0.00004	mg/L	0.0558	0.0593	0.027
Beryllium	0.00001	mg/L	<0.00001	<0.00001	<0.00001
Bismuth	0.0004	mg/L	<0.0004	<0.0004	<0.0004
Boron	0.002	mg/L	<0.002	0.003	<0.002
Cadmium	0.00006	mg/L	0.033	0.0347	0.00659
Calcium	0.002	mg/L	78.9	80.2	42.6
Chromium	0.00006	mg/L	0.00128	0.00103	0.00031
Cobalt	0.00003	mg/L	0.00346	0.0077	0.00061
Copper	0.00003	mg/L	0.0218	0.0388	0.00193
Iron	0.00001	mg/L	2.85	12.4	0.152
Lead	0.0003	mg/L	1.09	2.36	0.019
Lithium	0.001	mg/L	0.01	0.011	<0.001
Magnesium	0.0005	mg/L	21	22.3	12.7
Manganese	0.00002	mg/L	0.87	2.41	0.364
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001
Molybdenum	0.00007	mg/L	0.00028	0.00096	0.00012
Nickel	0.00001	mg/L	0.039	0.0496	0.0109
Phosphorus	0.03	mg/L	0.61	0.85	<0.03
Potassium	0.4	mg/L	<0.4	0.6	<0.4
Selenium	0.004	mg/L	<0.004	<0.004	<0.004
Silicon	0.004	mg/L	1.64	2.58	1.53
Silver	0.00005	mg/L	0.00244	0.0107	0.00014
Sodium	0.004	mg/L	0.8	0.8	0.5
Strontium	0.00002	mg/L	0.208	0.214	0.12
Sulphur	0.008	mg/L	82.3	82.3	44
Thallium	0.001	mg/L	<0.001	0.003	<0.001
Titanium	0.00002	mg/L	0.00272	0.0129	0.00066
Vanadium	0.00003	mg/L	0.00057	0.00174	<0.00003
Zinc	0.0002	mg/L	1.32	1.48	0.551
Analysis by Hydide AA					
Arsenic	0.0002	mg/L	0.0166	0.026	0.0008
Selenium	0.0001	mg/L	0.0004	0.0008	0.0002

Photo 34-1: Overview of Lakeview site showing both recent and historic trenching activity. (Azimuth 100°)

Photo 34-2: Lakeview trench site. (Azimuth 310°)

Photo 34-3: Lakeview trench cut located 10m right of sampler.
(Azimuth 280^{0})

Photo 34-4: Lakeview building (Bldg. 34-A). (Azimuth 280°)