BARKER
SITE #85
(MINFILE #106D 022)

1. LOCATION AND ACCESS

Coordinates 64-01-54 N, 135-51-34 W. Located at the confluence of Dublin Gulch (proper) along Haggart Creek. Elevation approximately 2600 feet asl. Access to Barker is via the South McQuesten Highway (from Highway 11, Silver Trail) to Haggart Creek Road at Dublin Gulch. Roads in this area have been considerably altered, and in some cases washed away, by placer mining activities in Dublin Gulch.

2. SITE PHYSIOGRAPHY

The site has been covered over by overburden from recent placer mining activities in Dublin Gulch. It's original location is believed to have been along the outwash floodplain of Haggart Creek at it's confluence with Gublin Gulch (proper, Photo 85-1) to the east. Over-burden from placer activities have also significantly altered surface hydrology in the area. The presence of permafrost soils could not be ascertained; however, the presence of small trees and the high elevation suggests the possibility of discontinuous permafrost.

3. GEOLOGY AND MINERALIZATION (from original minfile)

Quartz veins with pyrite and jamesonite occur in breccia zones along Haggart Creek. A sulphide-rich grab sample assayed 25.6% lead, 18.2% antimony, 1.7% zinc, 44.6 g/t silver and 1.0 g/t gold. The veins were discovered during placer mining. Drillholes conducted in 1992 failed to intersect significant mineralization.

4. SITE HISTORY (from original minfile)

Staked as Barber cl (59479) in Sept./49 by E.H. Barker, who explored with bulldozer trenching and ground sluicing until 1962. The property was optioned by Conwest in 1952, by Stride E & Dev CL in 1956, BYU Prospectors Airways CL in 1960 and by Peso Silver ML in 1962. The Eleven cl (55381) were staked 1.6 km north on Fisher Creek in Oct./45. The site was restaked as Smoky cl (YA17930) in Apr./78 by a joint venture between Canada Tungsten Mg Corp and Queenstake Res L., which mapped the site in 1981. Some of the Smoky claims were transferred to G. Dickson in Feb./86 and the remained to Queenstake in Aug./86. Queenstake optioned Dickson's claims in Apr./91 and trenched later in the year. In Oct./94, Queenstake transferred its interest in the Smoky and Mole claims to Ivanhoe Goldfields Ltd. Can-Pro Development Ltd. Optioned the Smoky and Mole claims as part of a larger block in the Dublin Gulch area in 1989. Ivanhoe Goldfields Ltd. Optioned Can-Pro's claims in 1991 and subsequently to Amax Gold (B.C.) Ltd., which drilled 2 rotary holes (112.8 m) on the Smoky 5 and 27 claims in 1992. In Aug./94 First Dynasty Mines Ltd.

acquired Ivanhoe Goldfields Ltd. In 1995, First Dynasty and in 1996 its wholly owned subsidiary, New Millenium Mining Ltd. carried out a major drilling program to outline a core resource/reserve on the Eagle Zone (minfile #106D 025). The companies also carried out diamond drilling on Potato Hills (minfile # 106D 026) to test for mineralization under the proposed heap leach pad area. In Apr./88, M.J. Moreau tied on Rex cl (YB2241) to the south and Mole cl (YB22499) to the southwest, and restaked the Rex (YB3271) and Mole (YB03787) claims in Aug./90.

5. MINE DEVELOPMENT

5.1. Mine Openings and Excavations

Adits/Shafts/Portals

No apparent mining development at this site.

Open Pits

No apparent development at this site.

Trenches

No apparent trenches at this site.

5.2. Waste Rock Disposal Areas

No apparent waste rock; some placer mining, however, is evident along the stream.

5.3. Tailings Impoundments

Tailings Dams

No apparent dams.

Tailing Ponds

No apparent tailings ponds.

5.4. Minesite Water Treatment

No apparent treatment facilities.

6. MINE SITE INFRASTRUCTURE

6.1. Buildings

No apparent buildings at this site. Old pump well located along the edge of Haggart Creek.

6.2. Fuel Storage

No apparent fuel storage facilities

6.3. Rail and Tressel

No apparent activity.

6.4. Milling and Processing Infrastructure

No processing facilities apparent.

6.5. Electrical Equipment

No apparent electrical equipment.

7. SOLID WASTE DUMPS

No apparent waste dumps.

8. POTENTIAL CONTAMINANTS OF CONCERN

8.1. Out of Service Transformers

None apparent at site.

8.2. Metals and Hydrocarbons in Soil

No evidence of staining, spills, or odours.

8.3. Liquid Hazardous Materials

None apparent at site.

8.4. Solid Hazardous Materials

None apparent at site.

9. WATER QUALITY

One surface water quality sample was collected just downstream of the confluence of Haggart Creek with Dublin Gulch (proper) (99-85-WQ-01, Photo 85-2). Results of the geochemistry are listed in Attachment 2.

10. RECLAMATION

Natural revegetation is being obscured by on-going placer mining activities along Haggart Creek which are also significantly altering surface drainage throughout the area (see Photo 85-1). There is no evidence of any reclamation measures at this site.

11. OTHER INFORMATION AND DATA

Much of the available information for this area is focused on the exploration activities of New Millenium Mining Ltd., within the Dublin Gulch (proper). Extensive and recent placer mining has occurred at this site and others in the Dublin Gulch area, which has significantly affected surface drainage and topography.

12. REFERENCES AND PERSONAL COMMUNICATIONS

Yukon Geology Program, 1997. Yukon Minfile 106D 022, Whitehorse, Yukon.

Amax Gold (B.C.) Ltd., 1992. Assesssment Report #093049 by A.C. Hitchins. (used in production of minfile)

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Geological Survey of Canada, Paper 61-3, p.33 (used in production of minfile)

George Cross Newsletter, (Dec.) 1992. (used in production of minfile)

Stride Exploration and Development Co. Ltd. (Aug.) 1956. Prospectus (used in production of minfile)

Whitehorse Star, 1995. June 14 and September 21 Editions (used in production of minfile)

Yukon Mineral Inventory, 1941-59, p.108, 133 (used in production of minfile)
Yukon Exploration and Geology, 1979-80, p.238-240. (used in production of minfile)

Yukon Exploration and Geology, 1992, p.2, 4, 5. (used in production of minfile)

Yukon Exploration and Geology, 1995, p.8, 33 (used in production of minfile)

ATTACHMENT 2: 1999 BARKER WATER SAMPLES LABORATORY RESULTS				
Sample Number	**Detection Limit**	**Units**	**99-85-WQ-01 Sept. 13/99**	**99-85-WQ-02 Sept. 13/99**
Site Desciption			Confluence of Dublin Gulch with Haggart Creek	2 km south of Confluence of Platinum Gulch with Haggart Creek
Temperature (field)	N/A	oC	7.9	6.9
pH (field)	N/A	pH	7.17	6.96
Conductivity (field)	N/A	µS/cm	289	339
pH (Lab)	0.01	pH	7.82	7.88
Conductivity (Lab)	0.01	µS/cm	300	350
Total Alkalinity	5	mg CaCO3/L	91	100
Chloride	0.25	mg/L	<0.25	<0.25
Hardness (CaCO3 equiv)	5	mg/L	161	190
Nitrate-N	0.05	mg/L	0.09	0.05
Nitrite-N	0.003	mg/L	<0.003	0.003
Sulphate	1	mg/L	59.1	70.3
Total Dissolved Solids	5	mg/L	284	220
Analysis by ICP-USN				
Aluminum	0.0008	mg/L	0.0278	0.0252
Antimony	0.005	mg/L	<0.005	<0.005
Arsenic	0.01	mg/L	<0.01	<0.01
Barium	0.00004	mg/L	0.0347	0.0416
Beryllium	0.00001	mg/L	<0.00001	<0.00001
Bismuth	0.0004	mg/L	<0.0004	<0.0004
Boron	0.002	mg/L	<0.002	<0.002
Cadmium	0.00006	mg/L	0.00001	0.000022
Calcium	0.002	mg/L	34.1	40.3
Chromium	0.00006	mg/L	0.00013	0.00019
Cobalt	0.00003	mg/L	<0.00003	<0.00003
Copper	0.00003	mg/L	0.00119	0.00144
Iron	0.00001	mg/L	0.071	0.062
Lead	0.0003	mg/L	<0.0003	<0.0003
Lithium	0.001	mg/L	0.006	0.007
Magnesium	0.0005	mg/L	12.9	15.4
Manganese	0.00002	mg/L	0.0292	0.0468
Mercury	0.0001	mg/L	<0.0001	<0.0001
Molybdenum	0.00007	mg/L	<0.00007	0.00013
Nickel	0.00001	mg/L	0.0009	0.0011
Phosphorus	0.03	mg/L	<0.03	<0.03
Potassium	0.4	mg/L	0.9	1.1
Selenium	0.004	mg/L	<0.004	<0.004
Silicon	0.004	mg/L	3.44	3.47
Silver	0.00005	mg/L	<0.00005	<0.00005
Sodium	0.004	mg/L	1.6	1.8
Strontium	0.00002	mg/L	0.171	0.203
Sulphur	0.008	mg/L	18.5	21.8
Thallium	0.001	mg/L	<0.001	<0.001
Titanium	0.00002	mg/L	0.00047	0.00077
Vanadium	0.00003	mg/L	<0.00003	<0.00003
Zinc	0.0002	mg/L	<0.0002	<0.0002
Analysis by Hydride AA				
Arsenic	0.0002	mg/L	0.0008	0.0017
Selenium	0.0001	mg/L	<0.0001	0.0003

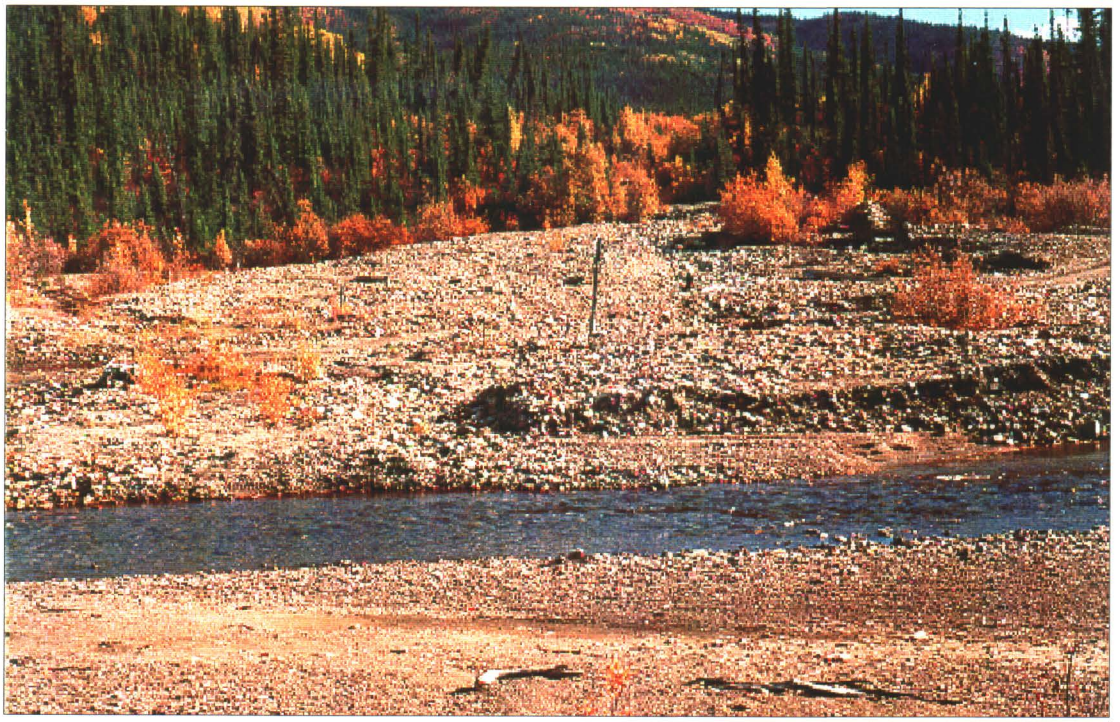

Photo 85-1 : Barker Site looking N.E. water sample location downstream of Dublin Gulch (general).

Photo 85-2 : Barker Site looking S.W. water sample location downstream of Dublin Gulch (general).