

**ELLIS**  
**SITE #94**  
**(MINFILE #106D 028)**

**1. LOCATION AND ACCESS**

Coordinates 64-03-00 N, 135-43-22 W. Located on the north side of Potato Hills (proper) along a trail running N.E. from Dublin Gulch Road. Elevation approximately 4700 feet asl. Access to Ellis is via the South McQuesten Highway (from Highway 11, Silver Trail) to Haggart Creek Road, Dublin Gulch Road and a trail running northeast between the Potato Hills peaks.

**2. SITE PHYSIOGRAPHY**

The site faces north to northwest along the top of a dry, unnamed gulch running north-northwest. This gulch eventually meets the beginning of Haggart Creek further to the north. The site is above the treeline, located in alpine tundra terrain with characteristic vegetation. Raised frost-heave areas, polygons and the high altitude suggest the presence of continuous permafrost in the area (Photo 94-1).

**3. GEOLOGY AND MINERALIZATION (from original minfile)**

Host rocks consist of clastic sediments of the Hyland Group intruded by stocks, dykes, and sills of Tombstone Putonic Suite. Alteration and gold and tungsten mineralization is directly associated with the intrusions. A small quartz vein (0.5 m) follows a granite dyke along a shear zone and contains scattered arsenopyrite. Nine samples assayed from 0.34 to 48.7 g/t gold.

**4. SITE HISTORY (from original minfile)**

Staked as Pat, etc. cl (81113) in May/62 by Cross Bow ML and sold to Mayo Silver ML, which explored with bulldozer trenching, mapping and geochemical sampling in 1963 and 1964. Restaked as Jeff cl (YA 17826) in Apr/78 by a joint venture between Canada Tungsten Mg Corp L and Queenstake Res L. Canada tungsten transferred the claims to Queenstake in Aug./86 which optioned them to Can Pro Dev. Inc in 1988. Can Pro staked fractional claims in Nov/89 and optioned all of them to Ivanhoe Goldfields Ltd. in 1991. In Aug./94, First Dynasty Mines Ltd. acquired Ivanhoe. Queenstake Resources Ltd. transferred its interest in the Mar, R&D, DG, Jeff, Bob and Smoky claims to First Dynasty. In 1995, First Dynasty and in 1996 its wholly owned subsidiary, New Millenium Ltd. carried out a major drilling program to outline a core resource/reserve on Eagle Zone (minfile occurrence # 106D 025). The companies also carried out diamond drilling on Potato Hills (minfile occurrence #106D 025). The companies also carried out diamond drilling on Potato Hills (minfile occurrence #106D 026) to test for mineralization under the proposed heap leach pad area.

## **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

Two old bulldozed trenches from early 60's along the northeast slope of gulch approximately 1500 m down the side of the slope (Photos 94-1 and 94-2).

Dimensions: (L x W x H): ~ 30 m x 15 m x 1 m

Condition: loose packed overburden; appears to be stable

Accessibility: along trail from Dublin Gulch Road

Two old bulldozed trenches from early 60's at top of gulch along access trail at 45 degree angles from each other leading north and north-northeast (Photo 94-3 and 94-4).

Dimensions: (L x W x H): ~ 35 m x 6 m x 0.5 m

Condition: hard-packed overburden; natural revegetation occurring; appears to be stable

Accessibility: along trail from Dublin Gulch Road

### **5.2. Waste Rock Disposal Areas**

Waste rock was associated with trenching along the northeast slope of gulch (see Photo 94-2). This was limited to soil overburden and a limited volume of host rock as well as quartz vein material for the trenches along the northeastern slope. There was no evidence of sulphide mineralization in the associated waste rock.

### **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 or campsite.

**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**

No samples were taken due to dry topography of area.

## **10. RECLAMATION**

Natural revegetation is beginning to occur at the site in the suspected trench areas along the top of the gulch (see Photos 94-3 and 94-4). The trench area along the east slope of the gulch, however, remains bare (see Photos 94-1 and 94-2). No evidence of any reclamation measures at this site.

## **11. OTHER SOURCES OF INFORMATION AND DATA**

Much of the available information for this area is focused on the exploration activities of New Millenium Mining Ltd. on the south side of Potato Hills and within the Dublin Gulch (proper).

## **12. REFERENCES AND PERSONAL COMMUNICATIONS**

Yukon Geology Program, 1997. Yukon Minfile 106D 028, Whitehorse, Yukon.

First Dynasty Mines Ltd., 1995. Annual Report. (used in production of minfile)

First Dynasty Mines Ltd., 1996. Assessment Report #093409 by M. Sieb. (used in production of minfile)

First Dynasty Mines Ltd., 1996. Press Release. 12 Mar/96, 5 May/96. . (used in production of minfile)

Geological Survey of Canada, Paper 63-38, p.15 (used in production of minfile)

George Cross Newsletter, (30 Dec.) 1992. (used in production of minfile)

Ivanhoe Goldfields Ltd. (Sept.), 1993. Assessment Report #093140 by C.N. Orssich (used in production of minfile)

Mayo Silver Mines Ltd. (Jan.), 1964. Prospectus Report by L.G. White. (used in production of minfile)

Whitehorse Star, 1995. June 14 and September 21 Editions (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)

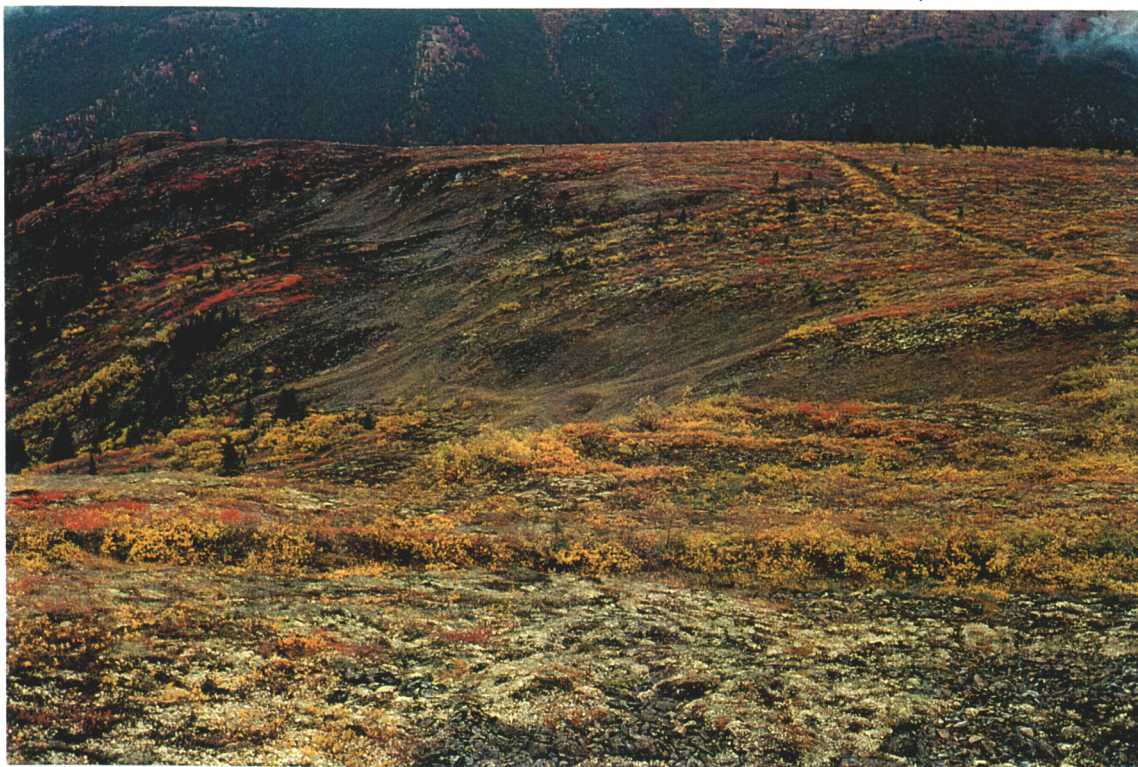


Photo 94-1 : Potato Hill (Ellis). One of 1964 bulldoze trenches (3) (centre) #1 looking N. - N.W.



Photo 94-2 : Potato Hill. One of 1964 bulldoze trenches (centre) #1 looking N. - N.W.  
from access trail.





Photo 94-3 : Potato Hill. One of 1964 bulldoze trenches (3) (centre) #2 looking W.



Photo 94-4 : Potato Hill. One of 1964 bulldoze trenches (3) (centre) #3 looking E. (upslope).