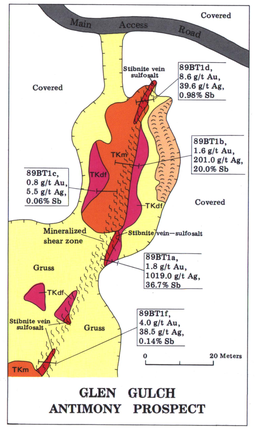
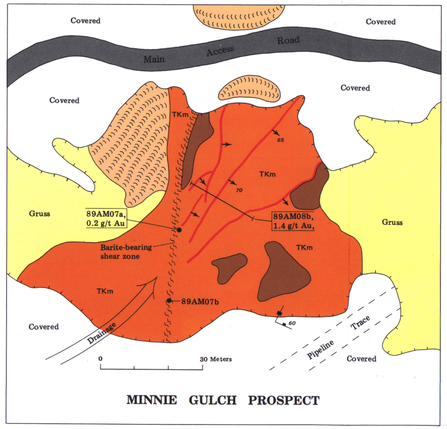
PR97-SH2



GLEN GULCH ANTIMONY PROSPECT



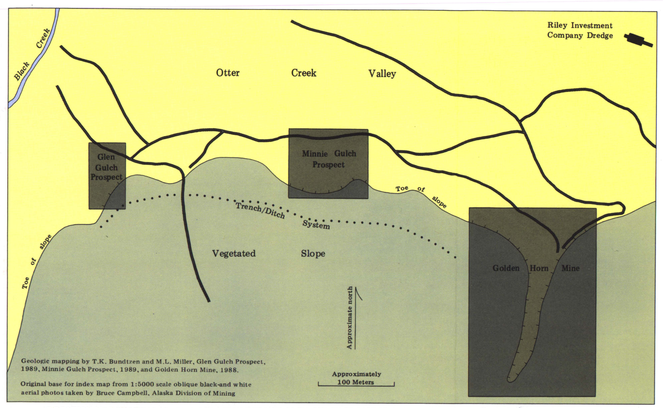
MINNIE GULCH PROSPECT

MAP UNITS

- TKgb — LAMPROPHYRE DIKE—Dark greenish-gray, very fine grained, locally porphyritic pyroxene lamprophyre dike, locally picritic. Locally silicic and phyllic alteration.
- TKm — MONZONITE—Highly weathered, medium-grained diopside-biotite-monzonite. Biotite both as primary grains and secondary overprint alteration. Stippled areas are mappable limonite-stained zones of ankerite-sericite, propylitic and argillic alteration.
- TKgb — GABBRO—Distinctly greenish-gray, medium- to coarse-grained, highly chloritized diopside-biotite-olivine gabbro; locally monzo-diorite. Chlorite alteration most intense along pronounced joint sets. Stippled areas are mappable limonite-stained zones, with argillic alteration.
- TKsy — SYENITE—Light-gray, fine-grained, equigranular horn-blende(?)-biotite, K-spar-rich syenite. Less altered than gabbro, monzodiorite, or monzonite phases.
- TKdf — FELSITE DIKE—Very light-gray, very fine-grained porphyritic granite porphyry(?) dike with K-spar.
- Kslt — SILTSTONE—Medium- to dark-gray micaceous siltstone. Thermal effects of intrusive are absent.

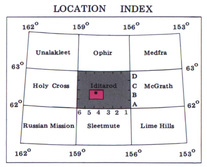
MAP SYMBOLS

- Contact—Dashed where approximated
- Limit of cut with no bedrock control
- Mineralized quartz veins—Arrow indicates dip.
- Deep-red, crushed quartz
- Ferricrete gossan or red gouge
- Shear or fault zone
- Faults—Dashed where approximated
- Inclined joints
- Vertical joints
- Joint sets
- Mine dump
- Trench (left), open cut (center), and pit (right)
- Caved portal
- Vertical shaft at surface (left) and headframe (right)
- Road
- Location, field number and selected assay values (g/t = grams per metric tonne). Bar shows trace of channel where scale allows. See table 10 for additional geochemical determinations.

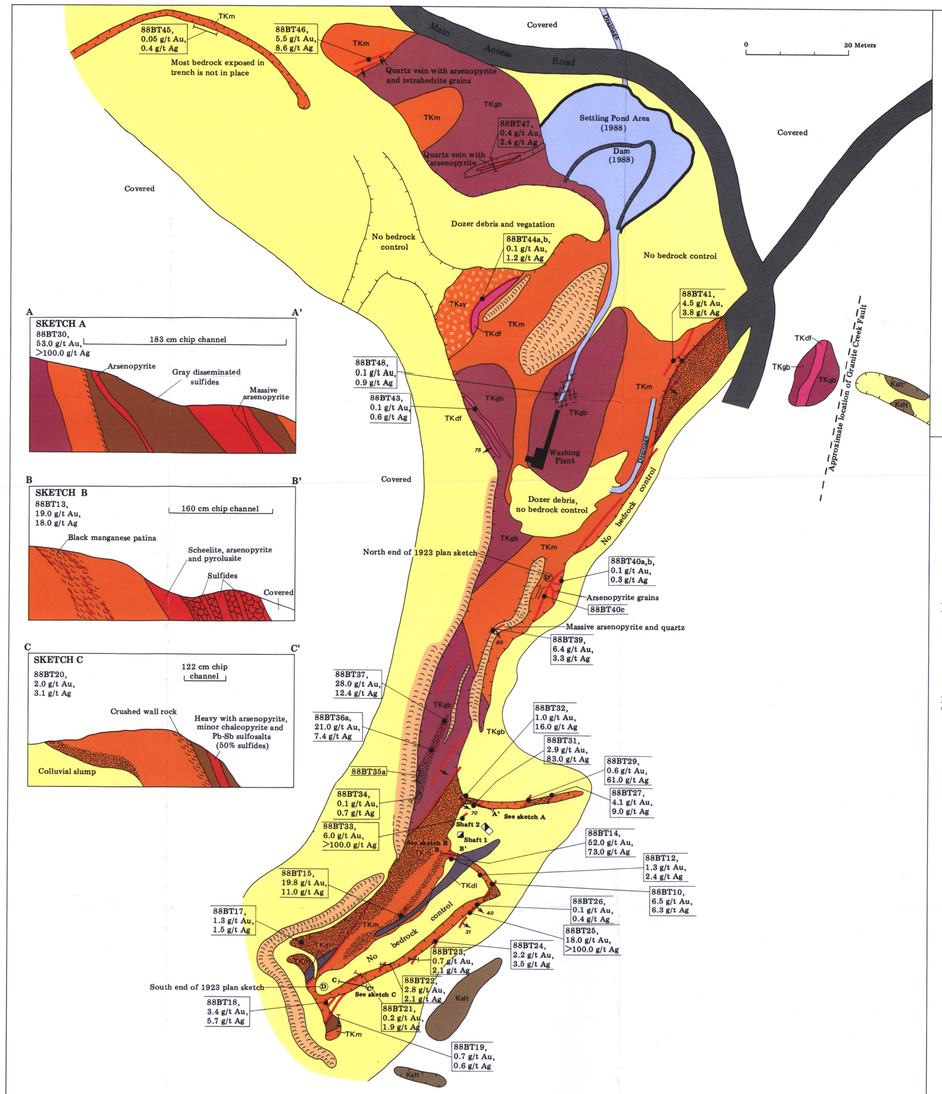


LOCATION MAP SHOWING SPATIAL RELATIONSHIPS OF GLEN GULCH PROSPECT, MINNIE GULCH PROSPECT AND GOLDEN HORN MINE, IDITAROD MINING DISTRICT, ALASKA

LOCATION INDEX



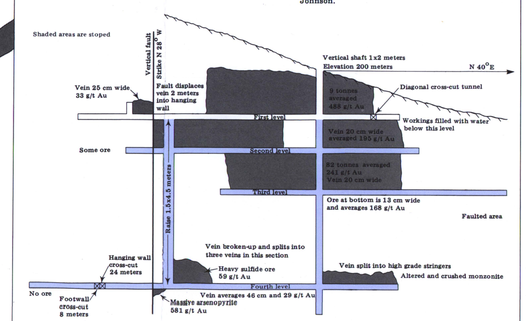
ALASKA

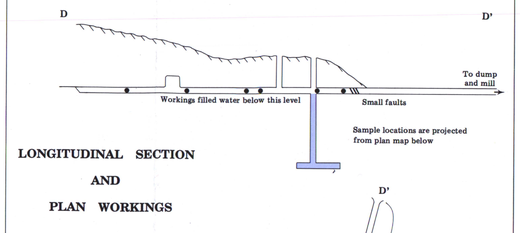


GOLDEN HORN GOLD-TUNGSTEN MINE

LONGITUDINAL SECTION

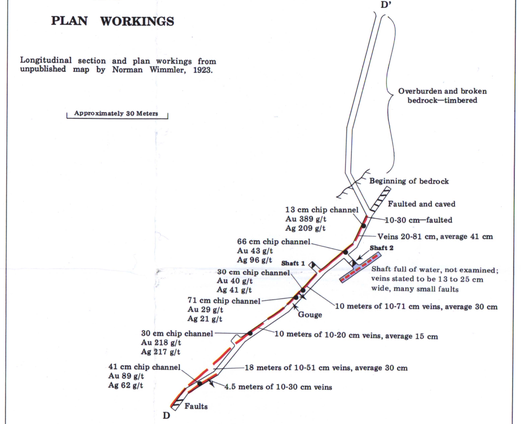
Longitudinal section from map by Territorial Department of Mines, Juneau, Alaska, 1937, with original information furnished by Gustavus Johnson.





LONGITUDINAL SECTION AND PLAN WORKINGS

Longitudinal section and plan workings from unpublished map by Norman Wimmler, 1923.



UNDERGROUND WORKINGS OF THE GOLDEN HORN MINE

MAPS OF GOLD-SILVER-TUNGSTEN-ANTIMONY PROSPECTS IN THE BLACK CREEK STOCK, IDITAROD MINING DISTRICT, ALASKA

By
T.K. Bundtzen, M.L. Miller, G.M. Laird, and K.F. Bull

1992