

821830

SINTERELLA

52°54' 124°00'

93C/16E, 93B/13W

Assessment Data

Year	Assessment Report #	Work Done
1984	12576	Geochem, Geology

Work Done

4.3 line km grid cut
66 soil samples
12 rock samples

General Geology

Sediments (in the SE) of mid Jurassic Hazelton and volcanics (in the NW) of Eocene Ootsa Group
Large interpreted NE trending fault through the property --> separates the volcanics from the sediments?

Property Geology**Sediments**

Bleached, silicified and locally pyritized seds have been exposed by logging over an area 900m N-S by 500m E-W (outcrops are generally few cm below overburden)

White to cream coloured, weather bright yellow

Intensely fractured with network of hairline quartz stringers, locally with pyrite and/or marcasite

Texture very fine, resembles chert; relict bedding in a few locations.

Dyke

Magnetite-bearing diorite cuts sediments in one location

Volcanics

Numerous float boulders of porphyritic biotite rhyolite breccia in till; abundance of this rock along road cut suggests that it subcrops nearby to the SW

Fresh in appearance --> Tertiary?

Wad

Near rhyolite, road cut has exposed a bluish-black and brown manganese-limonite caliche or wad

At least 5m wide, small seep or spring issues from it; source of wad unknown.

Till thickens in western and southern parts of the grid

Results

Highest Ag Value: 0.5 ppm
Highest Au Value: 22 ppb

Soil Samples from gossan in road cut: 4.0 ppm Ag and 4.3 ppm Ag, as well as anomalous in most base metal elements tested

Zone of extensive hydrothermal alteration has been recognized in sediments (unknown age - probably mid Jurassic)

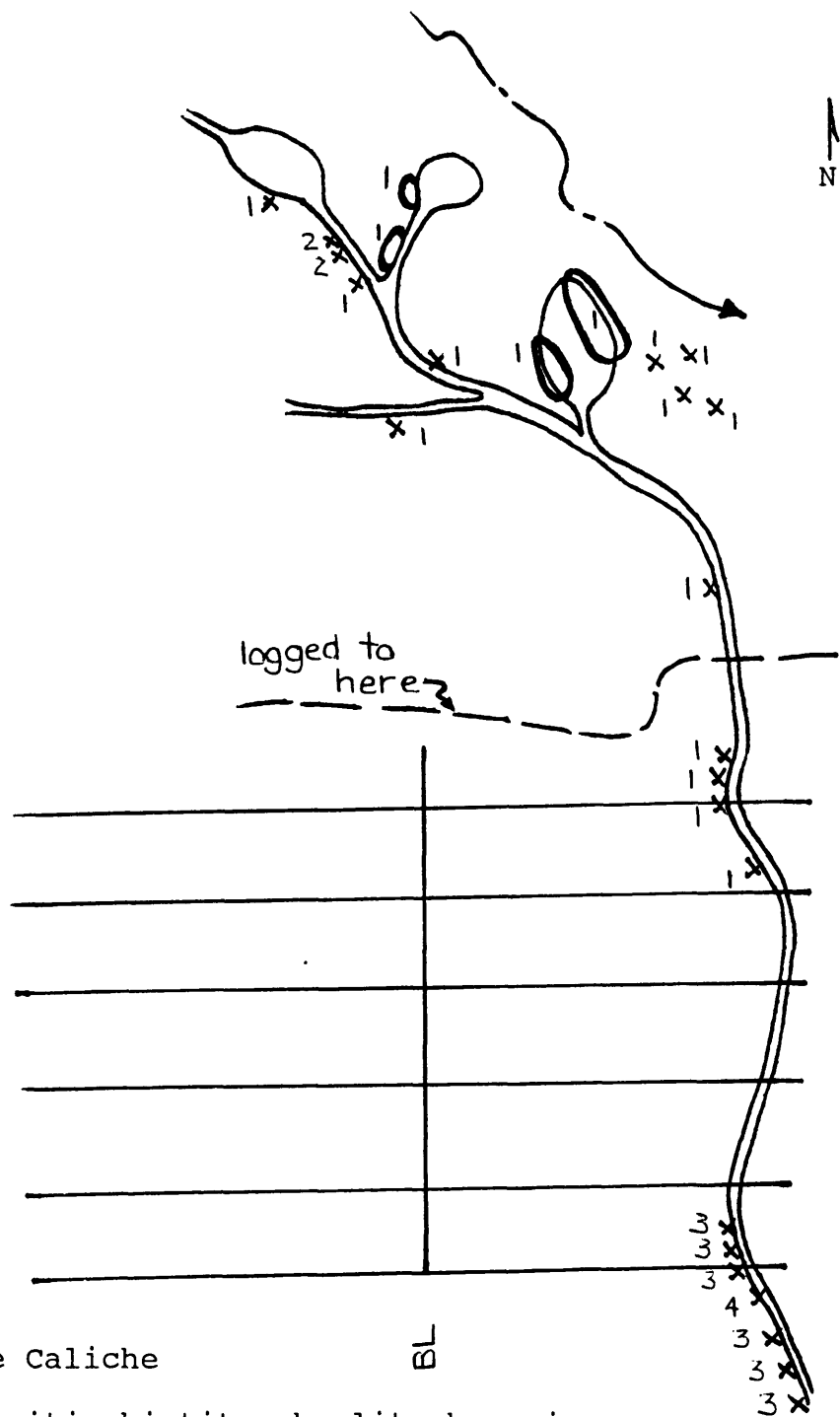
Source of alteration and pyrite mineralization unknown, interpreted NE trending fault structure possible source

See attached maps for additional information.

Miscellaneous

Discovered when logging exposed a wide zone of bleached and silicified rock under thin layer of overburden

Access: South spur of Baezaeko River logging road which starts 8km south of Nazko; then take branch road which joins Bazaeko road near 41km marker post



LEGEND

4. Manganese-Limonite Caliche
3. Grey-violet porphyritic biotite rhyolite breccia
2. Magnetite-bearing diorite
1. Bleached, silicified, and pyritized thin bedded sediments

