

The ore shoots were fissure lodes in the Ordovician Gordon Limestone near the contact with the Silurian Grotty Quartzite. East of the main mineralised zone is a quartz/pyrite line along the faulted contact of the Cambrian Dundas Group.

The Mariposa line mineralisation is dominantly galena with siderite and calcite. Limonite gossans with cerussite and galena occur on the surface.

Similar fault-controlled galena mineralisation occurs to the southeast at Sunny Corner and Bannockburn. Although small mines and workings existed in this area no production records are available.