



## **MINFILE 092B 121 - CAPE KEPPEL, Jim Lewis visit October 20, 2015**

### **Presumably - The Entrance to the 20m Long Adit, Located 1.3 km. East of the Southernmost Tip of Cape Keppel**

Picture (looking north) shows Jim Lewis standing near the front of the blasted trench which is presumably the entrance to the adit. If so, trench and adit have been filled in with leaves, soil, scree and tree growth since it was blasted out between 1930 and 1940.

The trench is located 1.3 km east of Cape Keppel on the north side of the road opposite yellow painted concrete 'curve' barriers, which are placed on the south side of the road.

Trench appears to tie in with Hugh Greenwood and Mitch Mihalynuk's Saltspring Island Geology Map at the contact between the thin surface wedge of CPFa "Forth Lake Formation" and TrMg "Mount Hall Gabbro Sills".



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Top 3 to 4 meters at the back (north wall) of the trench. Presumably the old adit begins at the bottom of the pile of leaves, dirt, scree and current tree growth.



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Hammer on the west wall of the trench shows location of a quartz vein

To the right and below the hammer (buff white area with dark area inside )  
was a quartz vein with sulphide minerals (assumed pyrite and chalcopyrite).

The next photo below shows a blow up of this area.



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Blow up of the area where sulphide minerals were found in a quartz vein.





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Hand specimen, presumably of Buttle Lake Group thin bedded black shales & siltstones -  
- Mississippian to Pennsylvanian Forth Lake Formation



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Highly altered (limonitic & goethitic ?!) sulphides in quartz hand specimen.