

→ Deffen Inn

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May 176 - month. Rept. Addie, Nelson.

FUKI

Fuki
outcrop at Deer Lake. Unconsolidated boulder conglomerate under an amygdaloidal basalt capping, all of which are radioactive. Values are between 65 - 875 c.p.m. Ur with log Ur/log Th ratios between 0.89 and 1.22. The boulders are granite and basalt. Autunite dust coats the boulders and is disseminated through them. The granite boulders show differential replacement of the feldspars by the autunite. The source of the Uranium? At Cup Lake to the north are some potash rich Coryell intrusions which have values of 62.5 - 112.5 c.p.m. Ur with log Ur/log Th ratios of 0.86 - 1.18. The similarity of ratios would suggest that the Coryell is the source of the uranium for the Fuki type deposits. Samples from the Fuki outcrop have been sent in for K, Ur, Th assays. I doubt very much the Fuki outcrop material is of mining grade. However, the shape of the basin, mineralogy, and the porosity, is probably ideal for instituting leaching.

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