

SUMMARY

The English Lake property comprises one claim, the ENGLISH 1, W.53153, totaling 16ha, covering a nickel-copper showing at the base of an ultramafic sill near the southeast shore of English Lake. The sill is believed to occupy the fault contact between older intermediate composition gneisses to the southeast and felsic intrusive rocks to the northwest. Several drill holes were completed in the area between 1954 and 1958, intersecting ultramafic rocks over thicknesses up to 82m. Assays up to 0.89% Ni and 0.15% Cu / 1.2m are reported in drilling, but there is no indication that the intrusion has been evaluated for platinum group elements (PGE).

A detailed magnetic survey was completed over the ENGLISH 1 claim in March, 2001. This survey confirmed that the ultramafic sill strikes northwest-southeast and dips to the northwest. A 2000nT anomaly was found to correspond with the location of the known mineralization along the shoreline and extends to the north-northwest, indicating a possible plunge to the mineralized zone.

A small program of geologic mapping and rock sampling was completed over the property during summer, 2001. Mapping at a scale of 1:2500 revealed the property to be underlain mainly by granodiorite to diorite composition layered gneisses that are heavily faulted. The ultramafic sill varies from gabbro to peridotite in composition and is serpentized. The sill was found to increase abruptly in thickness at the point where a high magnetic anomaly was previously noted, suggesting that magnetic sulphide mineralization settled out at the point where a feeder sill entered a larger magma chamber. A rusty pyroxenite boulder found on the shore of the lake at the showing assayed 0.45% Ni, 0.13% Cu and 0.4 g/t Pt+Pd+Au. An evaluation of the 1950s drilling on the property indicates that a northerly plunge to the mineralized zone, as suggested by lineations and the trend of the magnetic anomaly, may have been missed in the previous work.

Further work, including a magnetic survey, deep electromagnetic survey and drilling, is recommended to explore the property.

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