

Diamond Drilling



32D12SW0121 12 HARKER

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Township of HARKER

Report No: 12

Work performed by: E. Hofmann

Claim No	Hole No	Footage	Date	Note
L 55171	1	504'	July-Aug/55	
L 55778	2	499'	July-Aug/55	

2 DDH . 1003'

Notes:

Log of Drill Holes 1 & 2, E. Hofmann Claims, Harker Township.

Hole No. 1

- 0 - 6.1 Casing
- 6.1- 16.0 Peridotite, dark green to black, mostly fine grained but some graining with poikilitic structure.
- 16.0- 42.4 Ditto, probably more dense; some seaming of picrolite.
- 42.4- 81.7 Peridotite, dark serpentized, spotted with gray-white phenocrysts; sparse threading of asbestos; a little lost core.
- 81.7-200 Peridotite, as above, spotted type with 1-2% asbestos veining, mostly less than 1/16" with an occasional veinlet up to 1/8". At 196 a 1" width of cross-fiber appears to be a multiple vein.
- 200 -304 Peridotite, more massive but still spotted; sparse threading of asbestos with several veinlets of porcelainic material (zoisite) at 229, 258, and 269.
- 304 -407.5 Peridotite, very spotted in texture; more asbestos veining than preceding, possibly 1%. A few veinlets are 1/8" but most of them are less. A little lost core.
322.2-322.6 - Dense section, probably an intrusive dikelet.
- 407.5-424.8 Peridotite, spotted as above, but variegated with dense sections; no asbestos present but there are numerous seams of epidote and zoisite.
- 424.8-504 Peridotite, massive and spotted; practically no seams of asbestos but there are a few veinlets of picrolite.
- End of hole.

Hole No. 2

- 0 - 2.5 Casing.
- 2.5-107.3 Gabbro, much altered; general colour is pale mottled gray-green with numerous dark green spots of serpentine about 1/8" in diameter; feldspar is altered to saussurite and pyroxene to serpentine, etc. A little lost core.
- 107.3-138.8 Gabbro, as above but darker in colour.
- 138.7-161.5 Gabbro, much altered, intermediate in colour between the above two types. At 161 a dark band of 2 1/2" in width and with an inclination of 45 degrees appears to be an intrusive finger of peridotite.

Hole No. 2 (cont'd)

- 161.5-175.8 Peridotite, black in colour and dense in grain; shows variegation from poikilitic type to chert-like serpentine containing numerous white threads; contains inclusions of paler rock which resemble altered gabbro and which suggests that the peridotite is intrusive into the gabbro.
- 175.8-207 Peridotite, dark with large gray phenocrysts; a few threads of asbestos.
- 207 -331.7 Ditto, but more asbestos, possibly 1-2%; fiber is mostly less than 1/8"; also many veinlets of microlite and slip serpentine; Lost core about 5% between 235 & 332.
- 331.7-338.4 Dense serpentine rock with heavy threading. Lost core about 2 1/2'.
- 338.4-390.1 Peridotite, dark and mottled as from 207 to 332 but with asbestos becoming more sparse.
- 390.1-392.9 Rhyolite, grayish white and much altered; contacts at 35 degrees.
- 392.9-437.5 Peridotite, spotted, with a decreasing amount of asbestos veining. A little lost core.
- 437.5-499 Ditto, with finely threaded asbestos veining less than 1% overall but with heavier section from 482 to 488, (possibly 2%).
- End of hole.

Note

Drilling was carried out in July and August, 1955 by Heath & Sherwood Drilling Limited, Kirkland Lake, Ontario and the core is stored at the contractor's warehouse in Kirkland Lake. The above logging was performed by W. Gerrie, Swastika Laboratories Limited, Swastika, Ontario. Core diameter is 15/16" and recovery is 97% plus. Data on hole locations, directions and dips are shown on the accompanying sketch.

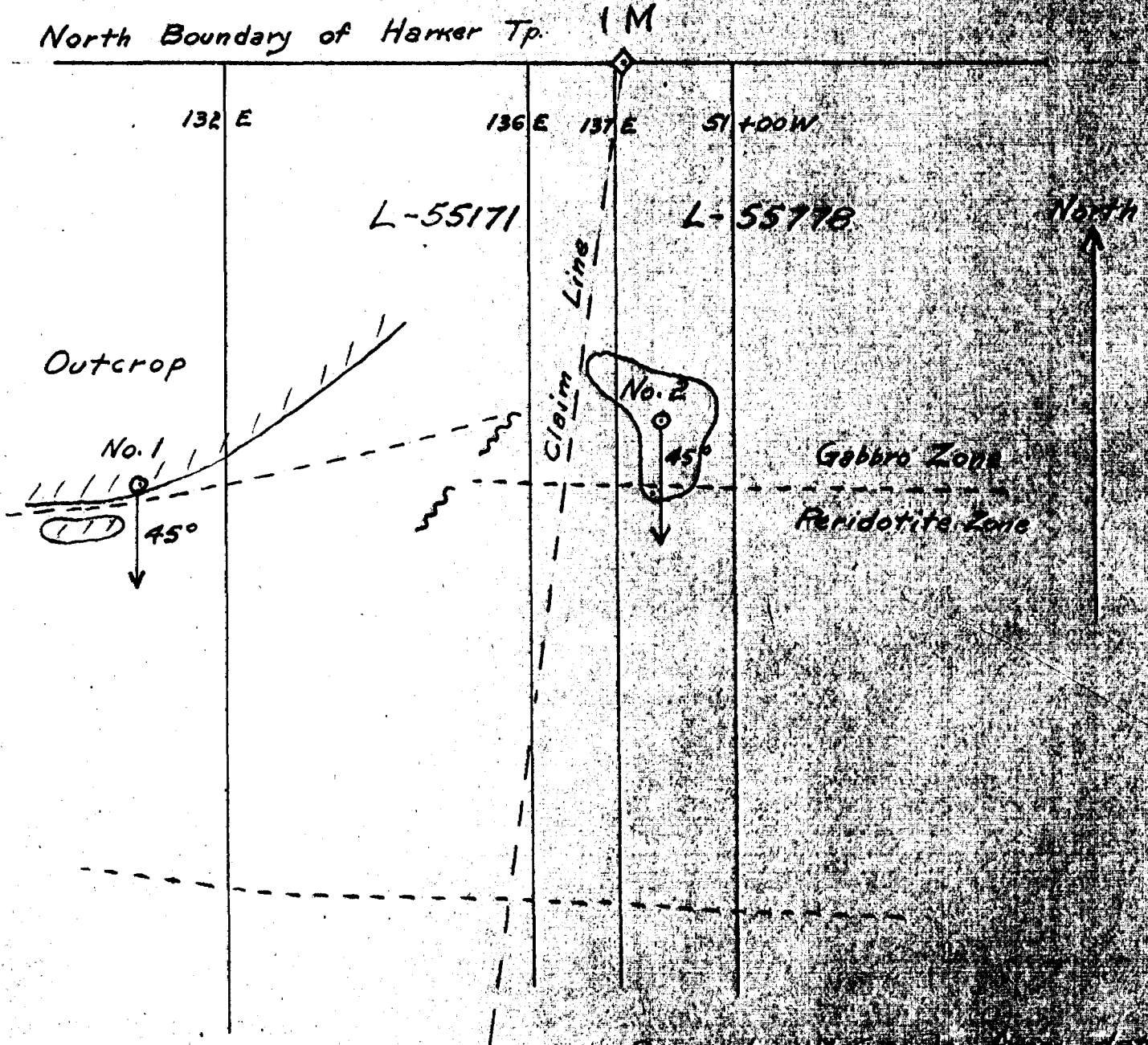
Swastika, Ontario,

August 23, 1955.

W. Gerrie

W. Gerrie.

LOCATION OF DRILL HOLES 1 & 2, HOFMANN CLAIMS,
HARKER TOWNSHIP



Drawn by W. Swartz from data
supplied by J. W. M. Bean
Swartz, Ontario August 20/55