

Cab 164

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E+N Iron - Bacon Lakes Dep.

92F25607 Bacon

REPORT
ON

BACON LAKE MAGNETITE

1961

PROPERTY FILE

NANAIMO

MINING DIVISION

J. J. McDougall
Geologist

Report # 2
December 1961

REPORT

on

BACON LAKE - MAGNETITE

1961

GENERAL

During the early part of the season, 3 Longyear drill holes totalling 393 feet and one 10-foot packsack hole were put in to test a magnetic anomaly previously described. Hole #1, put down at -90° west of centre on the positive anomaly, collared in and cut 21 feet of magnetite assaying about 20% iron to 30 feet. Hole #2, from the same set-up but northeast at -45° , cut 30 feet of similarly low-grade iron to a depth of 50 feet. #3 hole, northwest at -45° , cut 14.5 feet of low grade iron to 27 feet and 14.5 feet of 53.5% material at 52 feet. Both holes ended out of magnetite. The sulphur content in the better iron is about 2% and copper values are low.

A short packsack drill hole was put in about 100 feet east of #1 and #2 to test a previously unknown band of magnetite occurring partially exposed on a steep hillside. It cut 10 feet of 45.1% iron.

CONCLUSIONS & RECOMMENDATIONS

This magnetite is a teaser and, except for the possibility of thickening further along on the anomaly, is probably not worth much.
However, it is in an easily accessible area where winter work is possible and a number of scattered magnetite occurrences have been discovered. For this reason several years assessment work has been recorded on the Rock and Willy located claims we hold. If the negative portion of the anomaly

covers magnetite, as it well may in this instance, a second look is in order and a couple of packsack drill holes recommended at a later date when we are not pressed elsewhere.

Although cobalt bloom is extremely common (possibly combined with epidote?) assays for the metal show only trace amounts.

Polarization is unusually strong, causing a more intense anomaly than the small tonnage of iron so far indicated would normally cause.

Vancouver, B. C.
December 21, 1961

James J. McDougall
Geologist

PROPERTY BACON LAKE IRON

HOLE NUMBER 1 (LY)

SHEET NUMBER 1

SECTION FROM TO

DIAMOND DRILL RECORD

LOCATION: LAT. On Magnetic Anomaly approx. 100'

STARTED April, 1961

DEP. N. of heliport

COMPLETED do

ELEVATION OF COLLAR 1925' approx.

DATUM

ULTIMATE DEPTH 102 ft.

DIRECTION AT START: BEARING -----

PROPOSED DEPTH

DIP -90°

| DEPTH FEET | FORMATION | FROM | TO | WIDTH OF SAMPLE | Average Iron | Au | Ag | Cu |
|-------------|--|------|----|-----------------|--------------|----|-----|------|
| 0 - 6 | O. B. | | | | | | | |
| 6 - 23 | Mixed skarn and sl. mag, epid. highly polarized. Garnet skarn - possibly an altered calcareous tuff? - Occasional traces of cobalt bloom - bndg @ 30-40' | | | 17.0' | 17.66 | Tr | 0.2 | 0.05 |
| 23 - 26 | Gray f.g. sl. epid andesite dyke | | | | | | | |
| 26 - 30 | 30% mag in ep-garn sk. -2 = 4% pyrite | | | 4.0 | 36.80 | Tr | 1.1 | 0.04 |
| 30 - 40 | Epid andesitic tuff, sl mag & pyrite (5%) | | | | | | | |
| 40 - 43 | " " | | | | | | | |
| 43 - 45 | Magnetite section - high pyrite | | | 2.0 | 41.66 | Tr | 0.1 | 0.03 |
| 45 - 72 | Highly siliceous gray andesite to basalt, dyke(?) rock, dark hnbld(?) phneos. | | | | | | | |
| 72 - 97 | Granular andesite - possibly dioritized gns(?). | | | | | | | |
| 97 - 100.5 | Dark, silic altered volc breccia, sl pyr. | | | 3.5 | 5.56 | Tr | Tr | Tr |
| 100.5 - 102 | Granular andesite as above | | | | | | | |
| | E N D | | | | | | | |
| | COLLARED ABOUT 50' WEST OF CENTER OF ANOMALY. | | | | | | | |
| | SCHUSSLER & LANK - DRILLERS | | | | | | | |

PROPERTY BACON LAKE IRON

HOLE NUMBER 2 (LY)

SHEET NUMBER 1

SECTION FROM TO

DIAMOND DRILL RECORD

LOCATION: LAT. On Magnetic Anomaly approx. 100'

STARTED April, 1961

DEP. N of heliport

COMPLETED do

ELEVATION OF COLLAR 1925' approx.

DATUM

ULTIMATE DEPTH 206 Ft.

DIRECTION AT START: BEARING N. E.

PROPOSED DEPTH

DIP -45°

| DEPTH FEET | FORMATION | FROM | TO | WIDTH OF SAMPLE | Average Iron | Au | Ag | Cu |
|------------|---|------|----|-----------------|--------------|----|-----|------|
| 0 - 7 | O. B. | | | | | | | |
| 7 - 15.5 | Sk. sl mag weathered | | | 8.5' | 14.19 | Tr | 0.2 | 0.01 |
| 15.5 - 18 | Gray f.g. and dyke | | | | | | | |
| 18 - 28.5 | Gran. andesite and sl. ^S pk. | | | | | | | |
| 28.5 - 50 | Epid. sk. \checkmark sl. mag | | | 21.5' | 19.05 | Tr | Tr | 0.01 |
| 50 - 56 | Gray sil. and dyke | | | | | | | |
| 56 - 62 | Sk. sl. mag, cobalt bloom well developed cinnamon garnet | | | 6.0 | 8.53 | Tr | 0.1 | Tr |
| 62 - 67 | Sil. epid volc containing trace of cobalt bloom. | | | 5.0 | | Tr | 0.2 | 0.08 |
| 67 - 80 | Highly silic, altered granular andesite (poss. f.g. diorite?) occ. cobalt bloom | | | | | | | |
| 80 - 104 | f.g. andes-basalt(?) - black phenos | | | | | | | |
| 104 - 194 | \checkmark f g brown syenite(?) or gran and. | | | | | | | |
| 194 - 206 | Gradational ctct to alt. dk. f.g. diorite or dioritized gns. | | | | | | | |
| | E N D | | | | | | | |

PROPERTY BACON LAKE IRON

HOLE NUMBER 3 (LY)

SHEET NUMBER 1

SECTION FROM _____ TO _____

DIAMOND DRILL RECORD

LOCATION: LAT. On Magnetic Anomaly approx. 100'

STARTED April, 1961

DEP. N of heliport

COMPLETED May 6th, 1961

ELEVATION OF COLLAR 1925' approx.

DATUM _____

ULTIMATE DEPTH 85 ft.

DIRECTION AT START: BEARING N. W.

PROPOSED DEPTH _____

DIP -45°

| DEPTH FEET | FORMATION | FROM | TO | WIDTH OF SAMPLE | Average Iron | Au | Ag | Cu |
|------------|---|-------|----|-----------------|--------------|-------|----|------|
| 0 - 3 | O. B. | | | | | | | |
| 3 - 15 | Sk, sl mag, pyr | | | 12.0' | 17.46 | Tr | Tr | 0.08 |
| 15 - 24.5 | And. sl skarn | | | | | | | |
| 24.5 - 27 | Mag sk, sl pyr, sl jasper (hematite in seams) - cobalt, iron | | | 2.5' | 16.85 | Tr | Tr | 0.01 |
| 27 - 27.5 | Black phenos in f g, gray dyke | | | | | | | |
| 27.5 - 40 | Alt. epid andesitic tuff, sl erthyrite (cobalt bloom). 2 feet solid epidote not included. | 24-40 | | 16.0' | | Tr | Tr | |
| 40 - 45.5 | Sl Co bloom in alt and., 1 ft. gray dyke omitted. | | | 5.5' | | Tr | Tr | |
| 45.5 - 47 | Mixed And. dyke & alt. volc. (gns) | | | | | | | |
| 47 - 49.5 | Sl Co bl. - CR 40% | | | 2.5' | | Tr | Tr | |
| 49.5 - 52 | Gns & epid. sk. | | | | | | | |
| 52 - 66.5 | 85% mag, sl. S ₂ in sk. | | | 14.5 | 53.57 | Tr | Tr | 0.01 |
| 66.5 - 85 | Sl. epid f g diorite or granular dioritized And. | | | | Sulphur | 2.43% | | |
| | E N D | | | | | | | |

