010

# DIAMOND DRILLING

TOWNSHIP: BADEN TWP. REPORT NO: 20

WORK PERFORMED FOR: STRILE MINERALS INC.

RECORDED HOLDER: SAME AS ABOVE [X]

: OTHER [ ]

| CLAIM NO. | HOLE NO. | FOOTAGE | DATE | NOTE |
|---|---|---|---|---|
| 856570 | bdn90-7 | 496 feet | july/90 | (1) |
| 843845 | bdn90--8 | 496 feet | july/90 | (1) |
| 843818 | bd90-9 | 596 feet | july/90 | (1) |
| 856364 | bd90-10 | 596 feet | july/90 | (1) |
| | bd90-11 | 446 feet | july/90 | (1) |
| | bd90-12 | 401 feet | july/90 | (1) |
| | bd90-13 | 396 feet | july/90 | (1) |
| | 7 | 3427' | | |

NOTES: w9108.0069, filed marchd 15th, 1991

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Option
Baden township

COMMENCED: July 12, 1990
FINISHED: July 15, 1990
CORE SIZE: BQ
TOTAL DEPTH: 496 feet

PROPERTY: Baden
TOWNSHIP: Baden
PROVINCE/NTS: Ontario
LOCATION: 134 feet on Az. 160 deg Ast. from Thesaurus Shaft

ELEV:
AZIM: 315 deg
DIP: -45 deg

CONTRACTOR: Heath & Sherwood

LOGGED BY: W. J. McGuinty (re Claim):

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0.0 | 2.6 | 2.6 | Casing |
| 2.6 | 109.8 | 107.2 | Granite-medium grained, equigranular quartz-feldspar-hornblende, weak disseminated pyrite<br>18.0-20 quartz veining with increased pyrite in host near contacts<br>41.0-41.9 rhyolite xenolith, some quartz and pyrite on contacts<br>53.0-62.0 increased pyrite-sericite and weak quartz veining in fine grained granite<br>77.4-78.0 fine grained grey granite xenolith<br>92.1-93.9, 96.0-97.0 quartz veins with weak pyrite at 45 deg to C.A., silicification and weak sericite for 6-10 inches on both contacts<br>99.8-100.9 sericitic rhyolite xenolith with thin quartz veinlets, disseminated euhedral cubic pyrite |
| 109.8 | 112.3 | 2.5 | Feldspar porphyry dyke fine grained, upper and lower contacts assimilated? |
| 112.3 | 178.0 | 65.7 | Hornblende granite with increased quartz veining and flooding associated with sericitic alteration.<br>129.8-132.6 strong sericite alteration bounded by quartz vein on upper contact at 45 deg to C.A., lower contact gradational, rapid change to quartz flooded granite<br>137.0-140.0, 145.0 numerous dark xenoliths with quartz flooded halos |

| | | | |
|---|---|---|---|
| | | | 156.0-178.0 strong quartz flooding, veining and sericite alteration, very strong at 60 deg,<br>162.5-163.7 rhyolite xenolith, quartz banded<br>167.4-172.6 No. 1 vein? Sharp upper and lower contacts 45 deg to C.A. 5-10% pyrite, 50% quartz in section, trace chalcopyrite |
| 178.0 | 226.0 | 48.0 | Massive Granite, fresh unaltered |
| 226.0 | 257.0 | 31.0 | Granite, weak to moderate sericite alteration weak quartz veining |
| 257.0 | 259.0 | 2.0 | Fresh Granite<br>248.9-249.4, 265.6-264.2, 268.0-268.6 diabase dykelets 45 deg to C.A. |
| 259.0 | 269.5 | 10.5 | Strongly sericitized granite<br>259.0-262.0 numerous irregular grey quartz veins |
| 269.5 | 326.0 | 56.5 | Granite, fresh to weakly sericitic, coarse grained, numerous irregular quartz veins with specks chalcopyrite and sphalerite, local weak zones of brecciation<br>296.0 - 1" diabase dykelet<br>300.3-302.0 irregular quartz veins, 50% of core with chlorite, pyrrhotite?, and pyrite<br>316.0-323.0 increased sericitization and quartz filled brecciation<br>318.8-319.2, 319.9-320.0 banded, cherty, grey quartz veins |
| 326.0 | 343.4 | 17.4 | Sericitized granite, locally brecciated and filled with quartz, numerous grey to green angular rhyolite xenoliths with quartz eyes<br>336.8-337.3, 343.2-343.4 grey white coarse grained quartz veins with chlorite and pyrrhotite |
| 343.4 | 389.5 | 46.1 | Weakly sericitized granite, coarse grained, minor irregular quartz veining and disseminated pyrite |
| 389.5 | 415.0 | 25.5 | Weakly to moderately sericitized granite with short intervals of fresh granite<br>391.1-391.3 cherty banded quartz vein<br>408.0-411.0 numerous mafic xenoliths |
| 415.0 | 423.0 | 8.0 | Fresh granite |

| | | | |
|---|---|---|---|
| | | | 156.0-178.0 strong quartz flooding, veining and sericite alteration, very strong at 60 deg<br>162.5-163.7 rhyolite xenolith, quartz banded<br>167.4-172.6 No. 1 vein? Sharp upper and lower contacts 45 deg to C.A. 5-10% pyrite, 50% quartz in section, trace chalcopyrite |
| 178.0 | 226.0 | 48.0 | Massive Granite, fresh unaltered |
| 226.0 | 257.0 | 31.0 | Granite, weak to moderate sericite alteration weak quartz veining |
| 257.0 | 259.0 | 2.0 | Fresh Granite<br>248.9-249.4, 265.6-264.2, 268.0-268.6 diabase dykelets 45 deg to C.A. |
| 259.0 | 269.5 | 10.5 | Strongly sericitized granite<br>259.0-262.0 numerous irregular grey quartz veins |
| 269.5 | 326.0 | 56.5 | Granite, fresh to weakly sericitic, coarse grained, numerous irregular quartz veins with specks chalcopyrite and sphalerite, local weak zones of brecciation<br>296.0 - 1" diabase dykelet<br>300.3-302.0 irregular quartz veins, 50% of core with chlorite, pyrrhotite?, and pyrite<br>316.0-323.0 increased sericitization and quartz filled brecciation<br>318.8-319.2, 319.9-320.0 banded, cherty, grey quartz veins |
| 326.0 | 343.4 | 17.4 | Sericitized granite, locally brecciated and filled with quartz, numerous grey to green angular rhyolite xenoliths with quartz eyes<br>336.8-337.3, 343.2-343.4 grey white coarse grained quartz veins with chlorite and pyrrhotite |
| 343.4 | 389.5 | 46.1 | Weakly sericitized granite, coarse grained, minor irregular quartz veining and disseminated pyrite |
| 389.5 | 415.0 | 25.5 | Weakly to moderately sericitized granite with short intervals of fresh granite<br>391.1-391.3 cherty banded quartz vein<br>408.0-411.0 numerous mafic xenoliths |
| 415.0 | 423.0 | 8.0 | Fresh granite |

| | | | |
|---|---|---|---|
| 423.0 | 427.0 | 4.0 | Sericite altered granite, chlorite, minor pyrite and quartz veining |
| 427.0 | 496.0 | 62.0 | Massive fresh granite with localized sericite, some minor xenoliths. |
| 496.0 | | | END OF HOLE |

DIAMOND DRILL REPORTS — ASSAY RESULTS — PAGE OF

PROJECT: — DDH NO.

PROPERTY — TOWNSHIP:

| | | | | |
|---|---|---|---|---|
| 421.0 | 426.0 | 5.0 | 1385 | 24 |
| 431.0 | 436.0 | 5.0 | 1386 | 3 |
| 436.0 | 441.0 | 5.0 | 1387 | 562 |
| | | | | |
| 85.0 | 88.0 | 3.0 | 4101 | Nil |
| 88.0 | 92.1 | 4.1 | 4102 | Nil |
| 309.0 | 312.0 | 3.0 | 4103 | 19* |
| 312.0 | 316.0 | 4.0 | 4104 | 31 |

Notes and Reference (Assay Certificate): Swastika Labs OW-1014-RG1
OW-1212-RG1

average of two analyses (*)
average of four " (**)

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Optio
Baden Township
DDH NO: [redacted]

COMMENCED: July 15, 1990
FINISHED: July 18, 1990
CORE SIZE: BQ
TOTAL DEPTH: 596 feet
CONTRACTOR: Heath & Sherwood Drilling Ltd.
LOGGED BY: W. J. McGuinty

PROPERTY: Baden
TOWNSHIP: Baden
PROVINCE/NTS: Ontario
LOCATION: (re Grid): 2+25E 3+15S
(re Claim):

ELEV:
AZIM: 000 deg.
DIP: Collar: -45 deg.
596' :

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0 | 29.0 | 29.0 | Casing |
| 29 | 198.0 | 169.0 | Andesite Agglomerate massive, weak pervasive carbonate alteration moderate to weak jointing at 45 to 60 deg. to C. A.<br>29.0-46.0 badly broken core<br>44.0-46.0 ground out core<br>57.5-60.0 patchy green-white carbonate pseudo breccia, contacts gradational, trace pyrite<br>132.5-133.5, 136.5-137.0 small carbonate pseudo breccia zones each having a thin 1/2" quartz carbonate vein at core 45 deg. to C.A. |
| 198.0 | 265.5 | 67.5 | Strongly carbonate altered Andesite Agglomerate green-white to grey-white in colour. Weaker areas have local pinkish-brown colour in preferentially altered fragments, less than 1/2% pyrite<br>-no foliation although internal fracturing of pseudo breccia is predominantly sub-parallel to C.A. |
| 265.5 | 285.7 | 20.2 | Sheared quartz vein zone-numerous grey-blue clear to smoky quartz veins fractured and re-flooded with quartz, hosted by strongly foliated strongly carbonate altered andesite agglomerate. Shearing most evident as sericite-fuchsite banding and strong cleavage at 50 deg. to C.A., quartz parallels this foliation<br>- weak pervasive sulphide |

| | | | |
|---|---|---|---|
| | | | 265.6-267.0 badly broken core<br>267.0-267.5 strong fine grained sulphide mineralization |
| 285.7 | 596.0 | 310.3 | Massive Andesite Agglomerate grey colour, weak carbonate alteration<br>285.7-310.0 weak to moderate carbonate alteration 1-2% pyrite, disseminated and some in thin seams<br>307.5 1" quartz pyrite banded vein 30 deg. to C.A.<br>355.0-355.5 quartz vein, 45 deg. to C.A. some carbonate on contacts, alteration of host for several inches with fine grained pyrite and red-brown sphalerite, 1% combined sulphide<br>427.5 massive pyrite vein 2" wide with quartz and calcite, 50% pyrite 45 deg. to C.A.<br>483.5-486.0 sheared andesite agglomerate, strongly foliated 30 deg. to C.A.<br>484.5-485.0 quartz vein with minor pyrite and sphalerite, vein orientation parallels foliation.<br>555.3-555.5 banded quartz-chlorite-carbonate vein 45 deg. to C.A.<br>556.0-557.0 moderate quartz-carbonate alteration grey buff colour<br>566.2-566.8 pale green carbonate-silica altered andesite with irregular calcite-pyrite stringerfs throughout 2-3% pyrite |
| 596.00 | | | End of Hole |

DIAMOND DRILL REPORT — ASSAY RESULTS

PROJECT: Strike Option — DDH NO. BDN90-8

PROPERTY: Baden — TOWNSHIP: Baden

| FROM | TO | LENGTH | SAMPLE # | ASSAY | RECHECK |
|---|---|---|---|---|---|
| 29.0 | 49.6 | 20.6 | L1388 | 7 | |
| 132.5 | 133.5 | 1.0 | 1389 | 17 | |
| 136.5 | 137.0 | .5 | 1390 | 21 | |
| 182.2 | 183.2 | 1.0 | 1391 | 31 | |
| 203.0 | 205.5 | 2.5 | 1392 | 27 | |
| 261.0 | 266.0 | 5.0 | 1393 | 21 | |
| 266.0 | 268.5 | 2.5 | 1394 | 1028.5 | * |
| 268.5 | 272.0 | 3.5 | 1395 | 1877 | * |
| 272.0 | 277.0 | 5.0 | 1396 | 93 | |
| 277.0 | 282.0 | 5.0 | 1397 | 51 | |
| 282.0 | 284.0 | 2.0 | 1398 | 2431 | ** |
| 284.0 | 286.0 | 2.0 | 1399 | 41 | |
| 293.0 | 295.5 | 2.5 | 1400 | 34 | |
| 295.5 | 300.5 | 5.0 | 1401 | 14 | |
| 300.5 | 305.5 | 5.0 | 1402 | 17 | |
| 305.5 | 308.0 | 2.5 | 1403 | 17 | |
| 354.5 | 355.5 | 1.0 | 1404 | 82 | |
| 484.0 | 486.0 | 2.0 | 1405 | 7 | |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1030-RG1

average of two analyses (*)
average of three " (**)

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Option

DDH NO: [redacted]

COMMENCED: July 19, 1990

FINISHED: July 21, 1990

CORE SIZE: BQ

TOTAL DEPTH: 596 ft.

CONTRACTOR: Heath & Sherwood Drilling Ltd.

LOGGED BY: W. J. McGuinty

PROPERTY: Baden

TOWNSHIP: Baden

PROVINCE/NTS: Ontario

LOCATION: (re Grid): 2+29E 3+75S

(re Claim):

ELEV:

AZIM: 000 deg.

DIP: Collar - 45 deg
596:

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0 | 12.0 | 12.0 | Casing |
| 12 | 233.7 | 221.7 | Andesite Agglomerate massive, unaltered, pervasive moderate jointing at 45 and 30 deg. to C.A.<br>62.0-87.0 strong fracturing associated to shearing, oriented sub-parallel to C.A. crosscutting joints (calcite fill) at 30 deg. to C.A. Fractured material is carbonate altered and weakly pseudo brecciated. Pseudo breccia also crosscut by shearing<br>115.0 one inch quartz vein 45 deg. to C.A.<br>122.0-125.1 weak pseudo breccia with minor quartz veining (124.0-125.1) parallel to moderate foliation 45 deg. to C.A.<br>197.9-205.0 quartz veins in carbonate pseudo breccia, fuchsitic specks, weak disseminated pyrite. Veins and dark coloured fractures (chlorite?) at 45 deg. to C.A.<br>218.7-219.2 quartz vein with host rock breccia fragments, lower contact host rock carbonated altered for 0.5 ft., vein orientation 10-15 deg. to C.A., variable |
| 233.7 | 238.4 | 4.7 | Hematized Lamprophyre dyke with weak biotite phenocrysts. Upper contact 45 deg. to C.A. Lower contact 25 deg. |
| 238.4 | 286.4 | 48.0 | Andesite Agglomerate, blocky core due to open jointing at 30 and 45 deg. to C.A. |

| | | | |
|---|---|---|---|
| 286.4 | 333.9 | 47.5 | Carbonate Replacement Zone<br>286.4-311.5 buff-green to pale green coloured carbonate alteration, quartz flooding with minor pyrite, strong fracturing sub-parallel to C.A. Green "fuchsitic" specks throughout<br>306.8-307.4 thin low angle fault gouge at 20 deg. to C.A.<br>311.5-317.4 weakly altered andesite agglomerate<br>317.4-321.0 hematitic colour - complete quartz-carbonate replacement of host rock now fine grained, uniform with trace pyrite<br>321.0-333.9 weakly altered andesite-agglomerte some calcite in fractures |
| 333.9 | 407.0 | 73.1 | Granite "desilicified?" brick red colour, syenitic appearance. Strong fracturing sub-parallel to C.A. and joints at 30, 45 and 80 deg. - moderate sericitization to 354 ft.<br>333.9-342.0, 349.0-353.4 strong sericite alteration<br>356.8-357.5 fault breccia, strongly hematized granite fragments in weak carbonate-chlorite matrix, 20 deg. to C.A., fragment supported, variable fragment size, less than 1/4" to 1 1/2"<br>358.0-407.0 massive well jointed brick red granite very little quartz 1% (approx.) disseminated pyrite numerous chloritic filled slips, very thin to 1/4" at 45 deg. to C.A.<br>383.5, 387.5 1/4 inch quartz veinlets 40 deg. to C.A. |
| 407.0 | 416.0 | 9.0 | Sericitized granite grey-green colour similar pyrite content to brick red granite |
| 416.0 | 441.5 | 25.5 | Weakly altered pink granite 2% pyrite, some quartz flooding |
| 441.5 | 449.5 | 8.0 | Sericitic fault zone strongly broken and fractured granite, core altered by carbonate to buff grey colour<br>446.0-447.0 banded quartz-sericite-pyrite vein lower contact defined by sulphide rich fault gouge |
| 449.5 | 468.5 | 19.2 | Massive granite"desilicified" - sericite pyrite mineralization associated to fine grained grey quartz pyrite veins varying in orientation from 60 to 80 deg. to C.A. |

| | | | |
|---|---|---|---|
| | | | 3-5% pyrite in sericitic areas<br>454.3-454.5, 455.0-456.0, 461.0-461.8, 463.0-466.3 sericitic zones with quartz veinlets at the cores and disseminated and fracture controlled pyrite<br>466.3-468.7 massive weakly altered granite, 2-3% pyrite as patches and disseminations, some thin quartz veinlets |
| 468.7 | 489.0 | 20.3 | Carbonate replacement/shear zone<br>469.8-470.2 massive quartz vein with weak pyrite stringers<br>470.5-473.4 broken, banded quartz vein with pyrite and trace chalcopyrite<br>473.4-474.0 schisted quartz-sericite-fuchsite vein 45 deg. to C.A.<br>474.0-478.4 sheared carbonate altered andesite agglomerate trace pyrite foliation at 45 deg. to C.A., some late cross cutting slips offsetting foliation<br>478.4-480.7 fractured and brecciated quartz vein with sericite and pyrite<br>480.7-489.0 shear foliated andesite agglomerate |
| 489.0 | 544.4 | 55.4 | Massive andesite agglomerate - weak carbonate alteration throughout, strongly jointed fractured to 528.0<br>508.0-517.0 weak bleby pyrite mineralization 2-3% disseminated throughout section<br>512.8-513.1 fractured quartz-pyrite-chalcopyrite vein 7-10% sulphide<br>539.0-544.4 weak hornfels |
| 544.4 | 563.5 | 19.1 | Diabase - strongly fault brecciated, weakly hematized core fryable and chloritized - upper contact 30 deg. to C.A. lower, 45 deg. to C.A. |

| | | | |
|---|---|---|---|
| 563.5 | 596.0 | 32.5 | Andesite agglomerate massive<br>563.5-572.0 weak hornfels and hematization near diabase contact<br>579.0-580.2 strongly foliated section with numerous slips and irregular quartz calcite fill<br>579.4 1/4" pyrite band<br>580.2-580.7 aplitic dyke - gouge on upper contact, shearing (minor) on lower<br>581.3-one inch fault gouge 45 deg. to C.A.<br>581.0-596.0 weak calcite fracture and joint filling. |
| 596.0 | | | END OF HOLE |

DIAMOND DRILL REPORT — ASSAY RESULTS

PROJECT: Strike Option — DDH NO. BDN90-9
PROPERTY: Baden — TOWNSHIP: Baden

| FROM | TO | LENGTH | SAMPLE # | ASSAY | RECHECK |
|---|---|---|---|---|---|
| 66.0 | 71.0 | 5.0 | L1406 | 3 | |
| 71.0 | 76.0 | 5.0 | 1407 | 38 * | |
| 76.0 | 81.0 | 5.0 | 1408 | Nil | |
| 81.0 | 86.0 | 5.0 | 1409 | 3 | |
| 97.9 | 101.0 | 3.1 | 1410 | 7 | |
| 101.0 | 104.0 | 3.0 | 1411 | Nil | |
| 124.0 | 125.5 | 1.5 | 1412 | Nil | |
| 218.5 | 220.0 | 1.5 | 1413 | Nil | |
| 287.0 | 289.0 | 2.0 | 1414 | 10 * | |
| 289.0 | 294.0 | 5.0 | 1415 | Nil | |
| 294.0 | 299.0 | 5.0 | 1416 | Nil | |
| 299.0 | 304.0 | 5.0 | 1417 | 7 | |
| 304.0 | 309.0 | 5.0 | 1418 | 93 | |
| 333.7 | 335.7 | 2.0 | 1419 | 46 * | |
| 335.7 | 340.7 | 5.0 | 1420 | 96 | |
| 340.7 | 345.7 | 5.0 | 1421 | Nil | |
| 345.7 | 349.7 | 4.0 | 1422 | Nil | |
| 349.7 | 353.7 | 4.0 | 1423 | Nil | |
| 353.7 | 358.7 | 5.0 | 1424 | Nil | |
| 366.0 | 371.0 | 5.0 | 1425 | 245 * | |
| 371.0 | 376.0 | 5.0 | 1426 | 110 | |
| 383.5 | 388.5 | 5.0 | 1427 | 55 | |
| 406.0 | 411.0 | 5.0 | 1428 | 31 | |
| 411.0 | 416.0 | 5.0 | 1429 | 10 | |
| 416.0 | 421.0 | 5.0 | 1430 | 14 | |
| 421.0 | 423.0 | 2.0 | 1431 | 31 | |
| 439.5 | 441.5 | 2.0 | 1432 | 65 | |
| 441.5 | 446.0 | 4.5 | 1433 | 206 | |
| 446.0 | 451.0 | 5.0 | 1434 | 243 | |
| 451.0 | 456.0 | 5.0 | 1435 | 199 | |
| 456.0 | 461.0 | 5.0 | 1436 | 250 | |
| 461.0 | 466.0 | 5.0 | 1437 | 158 | |
| 466.0 | 469.5 | 3.5 | 1438 | 168 | |
| 469.5 | 474.5 | 5.0 | 1439 | 923 * | |
| 474.5 | 479.5 | 5.0 | 1440 | 110 | |
| 479.5 | 481.5 | 2.0 | 1441 | 319 | |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1212-RG1 OW-1056-RG1 &
average of two analyses (*) OW-1068-RG1
average of four " (**)

DIAMOND DRILL REPORTS ASSAY RESULTS PAGE OF
PROJECT: DDH NO.
PROPERTY TOWNSHIP:

| | | | | |
|---|---|---|---|---|
| 481.5 | 484.5 | 3.0 | 1442 | 38 |
| 507.6 | 512.6 | 5.0 | 1443 | 45 |
| 512.6 | 513.6 | 1.0 | 1444 | 130 |
| 578.9 | 580.2 | 1.3 | 1445 | 7 |
| | | | | |
| 358.7 | 361.0 | 2.3 | 4105 | 38 |
| 361.0 | 366.0 | 5.0 | 4106 | 14 |
| 481.5 | 486.0 | 5.5 | 4107 | 38 |
| 486.0 | 491.0 | 5.0 | 4108 | Nil |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1212-RG1 OW-1056-RG1 &
average of two analyses (*) OW-1068-RG1
average of four " (**)

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Option

[redacted]

COMMENCED:

FINISHED:

CORE SIZE: BQ

TOTAL DEPTH: 596 feet

PROPERTY: Baden

TOWNSHIP: Baden

PROVINCE/NTS: Ontario

LOCATION: 3+46E 4+32S

(re Grid):

ELEV:

AZIM: 000 DEG

DIP: -45 deg

CONTRACTOR: Heath & Sherwood Drilling Ltd.

LOGGED BY: W. J. McGuinty (re Claim):

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0 | 13.1 | 13.1 | Casing |
| 13.1 | 175.7 | 162.6 | Andesite Agglomerate fresh to moderately altered by weak silicification and carbonate<br>46.0-54.0 strong carbonate alteration and silicification, weak pseudo breccia texture disseminated and chlorite lined fracture controlled pyrite<br>85.5-89.5 strongly sheared andesite agglomerate, carbonate altered and silicified, at 25 deg. to C. A. banded pyrite chalcopyrite veins with fe-dolomite calcite and quartz parallel to foliation<br>86.4-87.2 10-15% sulphide (2% cpy)<br>89.5-95.2 chloritized andesite agglomerate with 2-4% pyrite in disseminations and fractures<br>116.0-135.0 moderate carbonate alteration, light grey colour<br>143.0-143.6 banded quartz carbonate vein with banded carbonate alteration in host<br>136.0-175.7 badly broken core 30, 45 and 60 deg. joints |
| 175.7 | 268.0 | 92.3 | Badly broken core<br>175.7-184.8 leucogranite fine grained massive buff to pink colour 1-2% bleby pyrite, chloritic joints<br>184.8-193.0 weakly altered hornblende granite 5% mafic content less than 1% pyrite<br>193.0-199.0 altered granite bleached, |

| | | | |
|---|---|---|---|
| | | | strongly fractured, sericitized 195.5-199.0<br>199.0-223.0 granite "desilicified" brick red colour 1-2% disseminated pyrite, variable quartz content<br>223.0-268.5 weakly altered granite as at 193.0-199.0 - rare pyrite overall texture has "washed out" appearance<br>263.0-268.5 increased chlorite filled fracturing |
| 268.5 | 396.7 | 128.2 | Diabase massive medium grained equigranular lower contact 45 deg. to C.A. |
| 396.2 | 439.0 | 42.8 | Granite, moderate to strongly altered<br>396.2-412.0 red, fault brecciated with chloritic matrix<br>399.5-401.5, 406.0-408.0 sericitized<br>412.0-423.0 sericitized granite green colour, strong quartz-sericite vein with banded pyrite at 45 deg. parallel to contacts, some disseminated pyrite and chalcopyrite also seen<br>423.0-431.0 red granite, weakly silicified quartz filled fractures and weak disseminated pyrite<br>431.0-439.0 weakly to moderately sericitized granite |
| 439.0 | 572.0 | 133.8 | Carbonate Alteration Zone<br>439.0-440.0 quartz-sericite-pyrite rock<br>440.0-441.0 grey quartz vein with sericite bands 55 deg. to C.A., wispy pyrite seams<br>441.0-447.0 sheared quartz-sericite-pyrite rock, bands vary in orientation predominantly 45 deg. to C. A.<br>447.0-452.0 weakly foliated, weakly carbonate altered andesite<br>452.0-460.0 strongly sheared andesite agglomerate 25 deg. to C.A.<br>460.0-466.0 missing core-ground out<br>466.0-478.0 pale green carbonate pseudo breccia strong carbonate replacement, rare pyrite<br>473.0, 473.4, 475.3-475.7 massive quartz-calcite veins, no pyrite<br>478.0-479.0 thin quartz-calcite-pyrite-chalcopyrite seams and bands 45 deg. to C.A.<br>479.0-505.8 massive, weakly altered andesite agglomerate well jointed broken core<br>505.8-506.5 3-5% disseminated pyrite, bleby, in andesite agglomerate |

| | | | |
|---|---|---|---|
| | | | 506.5-507.4 quartz flooding parallel to lithology at 45 deg. to C.A.<br>507.4-508.7 disseminated pyrite mineralization as at 505.8-506.5<br>512.2-512.5 quartz filled fault zone with minor pyrite, 45 deg. to C.A.<br>521.0-524.5 multiple quartz filled fractures 30 deg. to C.A.<br>530.7-530.8 annealed fault 45 deg. to C.A.<br>572.3-572.8 contact zone, fractures filled with quartz carbonate minor banded pyrite at 80 deg. to C.A. |
| 572.8 | 575.0 | 2.2 | Lamprophyre dyke sheared, carbonate altered several white-pink calcite veinlets<br>574.2 grey fault gouge |
| 575.0 | 596.0 | 2.1 | Andesite agglomerate weakly altered badly broken core |
| 596.0 | | | END OF HOLE |

506.5-507.4 quartz flooding parallel to lithology at 45 deg. to C.A.
507.4-508.7 disseminated pyrite mineralization as at 505.8-506.5
512.2-512.5 quartz filled fault zone with minor pyrite, 45 deg. to C.A.
521.0-524.5 multiple quartz filled fractures 30 deg. to C.A.
530.7-530.8 annealed fault 45 deg. to C.A.
572.3-572.8 contact zone, fractures filled with quartz carbonate minor banded pyrite at 80 deg. to C.A.

.2 Lamprophyre dyke sheared, carbonate altered several white-pink calcite veinlets
574.2 grey fault gouge

.1 Andesite agglomerate weakly altered badly broken core

END OF HOLE

ASSAY RESULTS

DDH NO. BDN90-10
TOWNSHIP: Baden

| ASSAY | RECHECK |
|---|---|
| Nil | |
| 339 | |
| 382 | * |
| 14 | |
| Nil | |
| Nil | |
| 3 | |
| Nil | |
| 27 | |
| 223 | |
| 161 | |
| 48 | |
| 418 | * |
| 14 | |
| 27 | |
| 48 | |
| 17 | |
| 134 | |
| 300 | * |
| 137 | |
| Nil | |
| 3 | |
| Nil | |
| Nil | |
| 45 | |
| 52 | |
| Nil | |
| | |
| | |
| 10 | |
| Nil | |
| 50 | |
| 24 | |
| 145.5 | * |
| Nil | |



ka Labs
OW-1081-RG-1
OW-1068-RG-1
OW-1212-RG-1

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Option

DDH NO: BDM90-11

COMMENCED: July 25, 1990
FINISHED: July 27, 1990
CORE SIZE: BQ
TOTAL DEPTH: 446 ft.
CONTRACTOR: Heath & Sherwood Drilling Limited
LOGGED BY: W. J. McGuinty

PROPERTY: Baden Strike Minerals
TOWNSHIP: Baden
PROVINCE/NTS: Ontario
LOCATION (re Grid): 4+80E 4+25S
(re Claim):

ELEV:
AZIM: 330 deg.
DIP: -45

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0 | 106.0 | 106.0 | Casing |
| 106.0 | 148.2 | 42.2 | Granite, massive medium grained red to brick red in colour, 3 joint sets, 2 at 45 deg. (perpendicular) and one at 30 deg. to C.A.<br>100.0-116.0, 121.0-130.0 core extremely broken<br>126.0 - mudseam 30-40 deg. to C.A. 1" wide<br>136.0 - mudseam 1/4" wide<br>disseminated pyrite throughout core keyed to chloritic stringers and in quartz veinlets (particularly from 115 to 120), veins usually less than 1/2"<br>138.0-143.0 colour change to greenish with reduction in grain size, chlorite<br>145.5-146.5 fault breccia with weak chloritic matrix<br>146.5-148.2 increased silicification |
| 148.2 | 175.0 | 26.8 | Carbonate Alteration Zone very strong quartz-sericite-carbonate alteration<br>155.0-158.0 quartz vein with pyrite in seams. 2 phases quartz mineralization - dark breccia space fill in white quartz<br>155.2-2 inch fault gouge<br>158.0-162.0 quartz-sericite-pyrite rock 3-5% pyrite<br>160.5 - 1 inch fault gouge<br>162.0-166.0-quartz vein as at 155.0-158.0 numerous thin pyrite bands, disseminated blebs pyrite and chalcopyrite |

| | | | |
|---|---|---|---|
| | | | 163.0 - 1 inch fault gouge-sericitic<br>166.1-166.5 fault gouge - sericitic<br>166.5-171.5 strong carbonate quartz alteration, minor pyrite, sigmoidal quartz veinlets, fuchsite? |
| 175.0 | 178.0 | 3.0 | Andesite agglomerate well foliated, chloritized and carbonate altered grading to massive unaltered andesite, foliation 45 deg. to C.A. |
| 178.0 | 259.3 | 81.3 | Massive andesite agglomerate pervasive calcite filled brittle fracturing<br>241.0 - 1/4 inch fault gouge |
| 259.3 | 263.4 | 4.1 | Lamprophyre dyke weak biotite phenocrysts in dark green fine grained groundmass, reddish silicified pods near upper contact |
| 263.4 | 446.0 | 182.6 | Andesite agglomerate - calcite filled fractures throughout, irregular shape but general- ly 60-80 deg. to C.A. Jointing, calcite filled, 45-60-90 deg. to C.A.<br>280.7 - 1/2 inch fault gouge 45 deg. to C.A.<br>288.1 - 1/2 inch fault gouge 45 deg. upper and lower contacts fractured and carbonate altered with some fine grained sulphide<br>289.5-292.0 carbonate altered andesite with disseminated pyrite less than 2%, foliation at 45 deg. to C.A.<br>292.0-293.0 narrow shear zone 50 deg. to C.A., sericite banding and thin pyrite-quartz veinlets<br>293.0 fault gouge<br>300.5-301.0 fine grained granite dykelet<br>318.6 narrow shear, no alteration of host chloritic contacts 25 deg. to C.A.<br>331.0 - 1 inch quartz with carbonate-sericite alteration on contacts 45 deg. to C.A., rare pyrite<br>368.4-370.4 carbonate alteration, moderate foliation and banding<br>369.7-370.4 broken core<br>369.8-369.9 quartz vein 50 deg. to C.A.<br>382.6-382.8 quartz-carbonate vein with flakes of host rock, 45 deg. to C.A. trace pyrite<br>440.2-441.0 weak carbonate pseudo breccia |
| 446.0 | | | END OF HOLE |

DIAMOND DRILL REPORT — ASSAY RESULTS

PROJECT: Strike Option — DDH NO. BDN90-11
PROPERTY: Baden — TOWNSHIP: Baden

| FROM | TO | LENGTH | SAMPLE # | ASSAY | RECHECK |
|---|---|---|---|---|---|
| 115.0 | 120.0 | 5.0 | L1473 | 3 | |
| 120.0 | 125.0 | 5.0 | 1474 | 45 | |
| 125.0 | 130.0 | 5.0 | 1475 | 10 | |
| 130.0 | 135.0 | 5.0 | 1476 | 346 | |
| 135.0 | 138.0 | 3.0 | 1477 | 21 | |
| 138.0 | 142.0 | 4.0 | 1478 | N11 | |
| 142.0 | 146.0 | 4.0 | 1479 | 223 | |
| 146.0 | 151.0 | 5.0 | 1480 | 82 | |
| 151.0 | 155.0 | 4.0 | 1481 | 165 | |
| 155.0 | 158.0 | 3.0 | 1482 | 1511 * | |
| 158.0 | 162.0 | 4.0 | 1483 | 305 | |
| 162.0 | 166.5 | 4.5 | 1484 | 312 * | |
| 166.5 | 171.5 | 5.0 | 1485 | 21 | |
| 171.5 | 176.0 | 4.5 | 1486 | 7 | |
| 259.0 | 263.5 | 4.5 | 1487 | 10 | |
| 287.5 | 289.0 | 1.5 | 1488 | 3 | |
| 289.0 | 292.0 | 3.0 | 1489 | 64 * | |
| 292.0 | 294.0 | 2.0 | 1490 | 14 | |
| 331.5 | 332.5 | 1.0 | 1491 | 7 | |
| 368.0 | 370.5 | 2.5 | 1492 | 3 | |
| 440.2 | 441.2 | 1.0 | 1493 | 14 | |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1081-RG1

average of two analyses (*)
average of four " (**)

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Option
DDH NO: BDN90-12

COMMENCED: July 27, 1990
FINISHED: July 29, 1990
CORE SIZE: BQ
TOTAL DEPTH: 401 feet
CONTRACTOR: Heath & Sherwood Limited
LOGGED BY: W. J. McGuinty

PROPERTY: Baden
TOWNSHIP: Baden
PROVINCE/NTS: Ontario
LOCATION: (re Grid): 3+20E 3+50S
(re Claim):

ELEV:
AZIM: 000 deg.
DIP: -45 deg.

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0 | 12.0 | 12.0 | Casing in O/B |
| 12.0 | 286.0 | 212.0 | Andesite agglomerate, massive<br>12.0-16.0 broken core<br>26.0-27.0 weak carbonate replacement<br>29.8 fractured carbonate vein 45 deg. to C.A<br>87.3-87.8 white quartz filled fracture, low low angle to C.A.<br>106.0-140.0 weak pervasive carbonate alteration strongest at 119.7-126.0<br>124.1-124.3 annealed carbonate altered fault breccia<br>130.1 - 1/2" crush zone 45 deg. to C.A.<br>134.2-136.5 where good replacement features are in evidence with pseudo breccia texture<br>134.6, 134.8 1/2" quartz veins 40 deg. to C. A.<br>162.5, 166.3 quartz carbonate veining with carbonate altered haloes<br>171.5, 176.9-178.3 white quartz carbonate veinlets 30 deg. to C. A.<br>203.3-206.0, 212.0-213.0 hematization of agglomerate keyed to thin carbonate filled joints at 45 deg. to C. A. and 30 deg. to C. A. red colour mainly in haloes about joints, rock has a generally darker, more uniform colour<br>- lower section badly broken, 2% py<br>241.0-286.0 weak to moderate carbonate alteration colour varying from green-buff to grey buff, weak pyrite throughout less than 1%, pervasive calcite filled stringers and |

| | | | |
|---|---|---|---|
| | | | fractures, irregular shape 90 deg. to sub-parallel to C. A.<br>242.0-245.0, 247.0-248.0, 256.0-258.0 increased quartz-calcite-sericite alteration<br>286.0-292.6 strong quartz carbonate replacement, buff colour<br>287.0-287.3 quartz veining, 5-10% pyrite in regular patches in veins |
| 292.6 | 292.9 | 0.3 | Transition zone, quartz sericite altered rock, some weak pyrite mineralization |
| 292.9 | 299.6 | 6.7 | Granite pink, fine grained, massive 1-2% disseminated pyrite no mafic minerals<br>293.5-293.6, 298.5-298.7 - thin quartz veins with sericitic alteration haloes 1-2% py |
| 299.6 | 308.2 | 8.6 | Lamprophyre dyke - hematized with reddish coloration, upper contact 45 deg. to C.A. irregular, biotite phenocrysts appear chloritized in hematized sections<br>305.0-308.2 reddish colour disappears leaving pale green colour<br>sharp lower contact at 45 deg. |
| 308.2 | 311.3 | 3.1 | Granite, "desilicified" brick red colour |
| 311.3 | 311.4 | 0.1 | Fault gouge - grey schistose mush |
| 311.4 | 312.1 | 0.7 | Lamprophyre dyke grey, foliated 45 deg. to C. A. |
| 312.1 | 316.0 | 3.9 | Granite, fault brecciated upper contact has quartz fragments, frame work supported, matrix is fine granite fragments with chlorite<br>313.8-314.6 quartz veining with quartz sericite alteration in host<br>314.6-315.0 fault gouge mostly granite mush |
| 316.0 | 318.0 | 2.0 | Fault zone quartz-sericite-carbonate matrix quartz and granite fragments, matrix supported with weak foliation at 45 deg. to C. A., disseminated fine grained pyrite |
| 318.0 | 370.5 | 52.5 | Granite, massive pink fine grained well jointed on 45 and 60 deg. to C. A., weakly fractured with chlorite lining, 45 deg. joints also have chlorite 1-2% pyrite disseminated and keyed to fractures<br>322.0-331.0 numerous thin quartz veinlets |

| | | | |
|---|---|---|---|
| | | | fracture controlled irregular shape and variable orientation no associated pyrite<br>331.0-338.4 green sericitic alteration, numerous pyrite seams in fractures<br>335.5-336.0, 336.4-337.4 grey white quartz vein with sericite bands containing pyrite, some disseminated pyrite in quartz<br>338.4-363.2 pink medium grained granite with fracture controlled pyrite and quartz veining as at 322.0-331.0<br>363.2-370.5 sericitized granite grey green colour original texture is ghosted<br>365.5-366.3, 368.0-370.0 - 2 phase quartz veining (grey clear after white) with banded pyrite-sericite |
| 370.5 | 371.5 | 1.0 | Transition zone contorted, thinly banded fine grained sulphide and quartz breccia fragments |
| 371.5 | 372.2 | 0.7 | Andesite Agglomerate hornfels? pale buff colour with weak fuchsitic specks strong fracturing 45 deg. to C.A. |
| 372.2 | 386.0 | 13.8 | Andesite agglomerate shear foliated 45 deg. to C. A. carbonate altered<br>373.6, 374.3-374.5 2-3% pyrite jointing at 50 deg. to C. A. |
| 386.0 | 401.0 | 15.0 | Weakly foliated, strongly carbonate altered grey tuff - 3-5% euhedral pyrite |
| 401.0 | | | END OF HOLE |

DIAMOND DRILL REPORT — ASSAY RESULTS

PROJECT: Strike Option — DDH NO. BDN90-12
PROPERTY: Baden — TOWNSHIP: Baden

| FROM | TO | LENGTH | SAMPLE # | ASSAY | RECHECK |
|---|---|---|---|---|---|
| 119.7 | 121.5 | 1.8 | L1494 | 7 | |
| 121.5 | 126.0 | 4.5 | 1495 | 3 | |
| 134.4 | 136.4 | 2.0 | 1496 | 63 * | |
| 203.5 | 206.0 | 2.5 | 1497 | Nil | |
| 210.2 | 213.0 | 2.8 | 1498 | Nil | |
| 247.0 | 250.0 | 3.0 | 1499 | 7 | |
| 256.0 | 261.0 | 5.0 | 1500 | Nil | |
| 281.0 | 286.0 | 5.0 | 4001 | 10 | |
| 286.0 | 291.0 | 5.0 | 4002 | 24 | |
| 291.0 | 293.0 | 2.0 | 4003 | 7 | |
| 293.0 | 298.0 | 5.0 | 4004 | 10 | |
| 311.0 | 313.8 | 2.8 | 4005 | 51 | |
| 313.8 | 318.0 | 4.2 | 4006 | 237 | |
| 333.5 | 335.5 | 2.0 | 4007 | 79 | |
| 335.5 | 338.5 | 3.0 | 4008 | 809.5 * | |
| 361.0 | 364.7 | 3.7 | 4009 | 93 | |
| 364.2 | 368.0 | 3.8 | 4010 | 962 * | |
| 368.0 | 371.5 | 3.5 | 4011 | 691 | |
| 371.5 | 376.5 | 5.0 | 4012 | 425 | |
| 376.5 | 381.5 | 5.0 | 4013 | Nil | |
| 381.5 | 386.5 | 5.0 | 4014 | Nil | |
| 386.5 | 391.5 | 5.0 | 4015 | Nil | |
| 391.5 | 396.5 | 5.0 | 4016 | 3 | |
| 396.5 | 401.0 | 4.5 | 4017 | Nil | |
| | | | | | |
| 318.0 | 322.0 | 4.0 | 4115 | 101 | |
| 322.0 | 326.0 | 4.0 | 4116 | 194* | |
| 326.0 | 330.0 | 4.0 | 4117 | 79 | |
| 330.0 | 333.5 | 3.5 | 4118 | 154 | |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1108-RG1
OW-1212-RG1

average of two analyses (*)
average of four " (**)

QUEENSTON GROUP
DIAMOND DRILL REPORT



PROJECT: Strike Option

DDH NO: BDN90-13

COMMENCED:

FINISHED: July 31, 1990

CORE SIZE: BQ

TOTAL DEPTH: 396 feet

CONTRACTOR: Heath & Sherwood Drilling Ltd.

LOGGED BY: W. J. McGuinty

PROPERTY: Baden

TOWNSHIP: Baden

PROVINCE/NTS: Ontario

LOCATION: 162 Ft. on ~~(re-Grid)~~: Azim. 177° Ast. from the Thesaurus shaft

(re Claim):

ELEV:

AZIM: 315 deg.

DIP: -45 deg.

UNITS: Feet

| FROM | TO | CORE LENGTH | |
|---|---|---|---|
| 0 | 396.0 | 396.0 | Granite hornblende-biotite-quartz-feldspar unaltered, white-grey colour, medium grained<br>27.0-29.5 weak to moderate sericite alteration<br>29.0-30.8 fresh granite<br>30.8-33.1 weak to moderate sericite alteration with quartz flooding, pyrite and bronzy pyrite<br>33.1-33.8 xenolith or mafic porphyry dykelet<br>33.8-51.0 fresh granite<br>43.0-44.0 quartz veining with pyrite and bronzy pyrite |

105.5-116.0 sericitie altered quartz flooded granite with 3-5 pyrite pyrrhotite? mineralization minor fine grained dark xenoliths
116.0-119.7 rhyolite xenolith green, fine grained 1-2% fine grained disseminated pyrite
119.7-152.0 moderately altered sericite-chlorite granite
124.3-131.5 quartz flooded with low angle quartz veining 35 deg. to C. A., some chlorite and pyrite
139.1-139.6 vuggy quartz-carbonate-chlorite-pyrite vein euhedral quartz with remainder as interstitial mineralization upper contact 80 deg. lower contact 45 deg. to C.A.
140.2 1/4 quartz 45 deg. to C. A.
147.9 mafic xenolith
152.0-170.0 fresh granite jointed (45, 60) fractured (30) moderately broken
170.0-229.2 variably altered granite 2-3% pyrite throughout section
181.0-183.0 numerous thin veinlets weak pyrite-chalcopyrite association
190.2-190.6 diabase dykelet
201.0-203.0 fine grained mafic xenoliths
190.6-191.2, 204.0-206.0, 208.0-210.0,
216.5-218.0 open quartz filled breccia granite fragments sericitie-chlorite altered
214.7-214.8 thin quartz vein slip contacts at 45 deg. trace pyrite
227.0-229.0 coarse crystalline sericite
228.5 speck sphalerite
229.2-242.0 massive fresh hornblende-biotite granite sparse jointing 35-45 deg. to C. A.
242.0-248.7 moderate sericitized less than 1% pyrite, some quartz flooding below 245.0
248.7-248.9 diabase dykelet 50-60 deg. to C.A.
248.9-250.4 brecciated, strongly sericitize granite, white quartz fill, 2% euhedral pyrite
250.4-252.8 lamprophyre dyke, grey colour strongly contorted foliation generally at 45 deg. to C. A.
252.8-255.3 strong sericite alteration with quartz flooding and veining somewhat brecciated in appearance

255.3-255.5 diabase dykelet
255.5-256.0 weakly sericitic granite with minor pyrite
256.0-256.3 diabase
256.3-256.8 sericitized granite with quartz veinlet 30 deg. to C.A.
256.8-257.0 diabase
257.0-288.7 variable silicification and sericitization 2-3% pyrite overall most abundant near quartz veining
256.7-257.4, 271.0-272.1, 277.4-281.3 mainly fresh granite
265.1-266.2, 269.8-270.3, 272.1-27 2.3, 276.1-276.7
288.3-288.7 - diabase dykelet
288.7-296.0 fresh granite
296.0-315.3 sericitized and quartz flooded granite, some irregular vuggy quartz-calcite veining with pyrite
314.3-315.3 fine grained mafic xenolith
315.3-323.9 fresh granite weak sericitization 323.4-323.9
323.9-324.6 silicified fault gouge, rock powder, sericite matrix which crackle brecciated and silicified some granite, quartz vein and feldspar fragments, undulose upper contact 60 deg. to C.A., lower contact -30 deg.
324.6-325.7 rhyolite xenolith
325.7-334.0 moderately altered (per, qtz.) some veining with pyrite + "bronzy" pyrite
334.0-336.0 fresh granite
336.0-349.0 moderately altered granite as at 325.76-334.0
349.0-355.0 fresh granite
355.0-363.7 moderately altered granite
358.9-359.0 strongly chloritized contact zone, massive with no foliation
359.0-359.1 quartz vein pyrite rate chalcopyrite
359.1-359.4 heavy quartz flooding with pyrite
363.7-365.0 fresh granite
365.0-368.8 moderately altered granite
367.1-367.6 grey cherty quartz vein with minor pyrite in features
368.8-371.8 fresh granite.

371.8-396.0 moderately altered sericite quartz flooded granite
394.7-394.9 silicified fault gouge similar to 323.9-324.6

396.0 END OF HOLE

DIAMOND DRILL REPORT — ASSAY RESULTS

PROJECT: Strike Option — DDH NO. BDN90-13

PROPERTY: — TOWNSHIP:

| FROM | TO | LENGTH | SAMPLE # | ASSAY | RECHECK |
|---|---|---|---|---|---|
| 43.0 | 45.0 | 2.0 | L4018 | Nil | |
| 47.1 | 48.1 | 1.0 | 4019 | Nil | |
| 81.0 | 82.5 | 1.5 | 4020 | 31 | |
| 97.5 | 102.5 | 5.0 | 4021 | 10 | |
| 102.5 | 104.5 | 2.0 | 4022 | 14 | |
| 104.5 | 107.0 | 2.5 | 4023 | 17 | |
| 107.0 | 112.0 | 5.0 | 4024 | Nil | |
| 112.0 | 116.2 | 4.2 | 4025 | Nil | |
| 116.2 | 119.7 | 3.5 | 4026 | 17 | |
| 124.2 | 126.2 | 2.0 | 4027 | 99 | |
| 126.2 | 130.7 | 4.5 | 4028 | 141 | |
| 130.7 | 132.2 | 1.5 | 4029 | 843.5* | |
| 132.2 | 136.2 | 4.0 | 4030 | 89 | |
| 139.0 | 141.0 | 2.0 | 4031 | 14 | |
| 141.0 | 146.0 | 5.0 | 4032 | 3 | |
| 146.0 | 149.0 | 3.0 | 4033 | Nil | |
| 171.0 | 176.0 | 5.0 | 4034 | 329 | |
| 176.0 | 181.0 | 5.0 | 4035 | 510.5* | |
| 181.0 | 186.0 | 5.0 | 4036 | 31 | |
| 186.0 | 190.0 | 4.0 | 4037 | 353 | |
| 190.5 | 192.5 | 2.0 | 4038 | 41 | |
| 196.0 | 201.0 | 5.0 | 4039 | 10 | |
| 201.0 | 203.5 | 2.5 | 4040 | 14 | |
| 203.5 | 206.5 | 3.0 | 4041 | 24 | |
| 206.5 | 211.5 | 5.0 | 4042 | 17 | |
| 211.5 | 216.5 | 5.0 | 4043 | 14 | |
| 216.5 | 218.0 | 1.5 | 4044 | Nil | |
| 224.5 | 229.5 | 5.0 | 4045 | 31 | |
| 247.0 | 250.5 | 3.5 | 4046 | Nil | |
| 250.5 | 253.0 | 2.5 | 4047 | Nil | |
| 253.0 | 255.0 | 2.0 | 4048 | 13 | |
| 259.0 | 261.0 | 2.0 | 4049 | 14 | |
| 263.5 | 265.3 | 1.8 | 4050 | 174.5* | |
| 266.0 | 269.8 | 3.8 | 4051 | 31 | |
| 276.8 | 281.8 | 5.0 | 4052 | Nil | |
| 281.8 | 286.8 | 5.0 | 4053 | Nil | |
| 323.8 | 324.8 | 1.0 | 4054 | 7 | |
| 324.8 | 328.8 | 4.0 | 4055 | 3 | |
| 339.0 | 344.0 | 5.0 | 4056 | 26 | |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1108-RG1 & OW-1164-RG1

average of two analyses (*)
average of four " (**)

DIAMOND DRILL REPORTS ASSAY RESULTS PAGE OF
PROJECT: DDH NO.
PROPERTY TOWNSHIP:

| | | | | |
|---|---|---|---|---|
| 356.8 | 357.8 | 1.0 | 4057 | 96 |
| 366.8 | 367.8 | 1.0 | 4058 | 977.5* |
| 383.0 | 386.0 | 3.0 | 4059 | 21 |
| 394.0 | 396.0 | 2.0 | 4060 | 12 |

Notes and Reference (Assay Certificate): Swastika Labs
OW-1108-RG1 & OW-1164-RG1

average of two analyses (*)
average of four " (**)

Ministry of Northern Development and Mines

Ontario

AL

LARDER LAKE MINING DIVISION

DOCUMENT No. 9108. 90C69

91 FEB 20 AM 10 38

42A02SE0139 20 BADEN

900

Expenditures.

- Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

# Mining Act

## Report of Work

RECEIVED

| Name and Address of Recorded Holder | Prospector's Licence No. |
|---|---|
| STRIKE MINERALS INC. 70 M'CAMUS AVE KIRKLAND LAKE ONT. | T4977 |
| | Telephone No. 567 5145 |

## Summary of Distribution of Credits and Work Performance

| Mining Division | Mining Claim Prefix | Mining Claim Number | Work Days Cr. | Mining Claim Prefix | Mining Claim Number | Work Days Cr. | Mining Claim Prefix | Mining Claim Number | Work Days Cr. |
|---|---|---|---|---|---|---|---|---|---|
| LARDER LAKE | | | | | | | | | |
| Township or Area | L | 981564 | 60 | L | 981574 | 92 | L | 981584 | 92 |
| BADEN | | 981565 | 60 | | 981575 | 92 | | 981585 | 60 |
| Total Assessment Credits Claimed | | 981566 | 60 | | 981576 | 92 | | 981586 | 60 |
| 2520 ✓ | | 981567 | 60 | | 981577 | 92 | | 981587 | 60 |
| Type of Work Performed (Check one only) | | 981568 | 60 | | 981578 | 92 | | 981588 | 60 |
| ☐ Manual Work | | 981569 | 60 | | 981579 | 92 | | 981589 | 60 |
| ☐ Shaft Sinking Drifting or other Lateral Work | | 981570 | 92 | | 981580 | 92 | | 981590 | 60 |
| ☐ Mechanical equipment | | 981571 | 92 | | 981581 | 92 | | 981591 | 60 |
| ☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim) | | 981572 | 92 | | 981582 | 92 | | 981592 | 60 |
| ☒ Diamond or other Core drilling | L | 981573 | 92 | L | 981583 | 92 | L | 981593 | 60 |
| ☐ Core Specimens | | | | | | | | | |

* LIST CONTINUED SEE PAGE (2)

| Dates when work was performed From: July 5. 90 | To: July 31 90 | Total No. of Days Performed 3527 | Total No. of Days Claimed 2520 ✓ | Total No. of Days to be Claimed at a Future Date 1007 ✓ |
|---|---|---|---|---|

| All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side) | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days |
|---|---|---|---|---|---|---|---|---|
| | 856570 | 624 | 843845 | 1042 | 843818 | 1593 | 856364 | 268 |
| | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days |
| | | | | | | | | |

Total 3527

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

Drill Supervision: W.J. M'GUINTY QUEENSTON MINING INC.
P.O. BOX 193 KIRKLAND LAKE · ONTARIO.
P2N 3H7

Drilling Contractor: Heath and Sherwood Drilling (1986) Inc.
34 Duncan Avenue North P.O. Box 998
KIRKLAND LAKE, ONTARIO
P2N 3L3

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
MAR 08 1991
RECEIVED

## Certification of Beneficial Interest * (See Note No. 2 on reverse side)

| I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder. | Date 19/2/91 | Recorded Holder or Agent (Signature) |
|---|---|---|

## Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

| Name and Address of Person Certifying | Telephone No. | Date | Certified By (Signature) |
|---|---|---|---|
| W.J. M'GUINTY QUEENSTON MINING INC. 4 Al Wende Ave Kirkland Lake Ontario P2N 3H7 | 567 3261 | 19/2/91 | |

## For Office Use Only

| Work Assignments | | | | Received Stamp |
|---|---|---|---|---|
| L 856570 | Strike Minerals Inc. | 624 | 2807.75 | |
| 843845 | " | 1042 | 2423.9 | |
| 843818 | " | 854 | 777 | |
| (x20) 856570 | Diamond Drilling | (624 days performed) | | |
| 843845 | " | (1042 " | | |
| 843818 | " | (854 " | | |

(006)

Ministry of Northern Development and Mines

DOCUMENT No. W 9108.00062

# Mining Act

## Report of Work

**Instructions**
- Please type or print.
- For each type of work performed, a separate Report of Work should be completed.
- For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical") and form no. 876 for Expenditures.
- Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

| Name and Address of Recorded Holder | Prospector's Licence No. |
|---|---|
| STRIKE MINERALS INC (CONT'd) | Telephone No. |

**Summary of Distribution of Credits and Work Performance**

| Mining Division | Mining Claim Prefix | Mining Claim Number | Work Days Cr. | Mining Claim Prefix | Mining Claim Number | Work Days Cr. | Mining Claim Prefix | Mining Claim Number | Work Days Cr. |
|---|---|---|---|---|---|---|---|---|---|
| Township or Area | L | 981594 | 60 | | | | | | |
| Total Assessment Credits Claimed | | 981595 | 60 | | | | | | |
| | | 981596 | 60 | | | | | | |
| Type of Work Performed (Check one only) | L | 981597 | 60 | | | | | | |
| ☐ Manual Work | | | | | | | | | |
| ☐ Shaft Sinking Drifting or other Lateral Work | | | | | | | | | |
| ☐ Mechanical equipment | | | | | | | | | |
| ☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim) | | | | | | | | | |
| ☐ Diamond or other Core drilling | | | | | | | | | |
| ☐ Core Specimens | | | | | | | | | |

| Dates when work was performed From: | To: | Total No. of Days Performed | Total No. of Days Claimed | Total No. of Days to be Claimed at a Future Date |
|---|---|---|---|---|
| | | | | |

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)

| Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days | Mining Claim | No. of Days |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |

**Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)**
If space below is insufficient, attach schedules with required information and location sketches

**Certification of Beneficial Interest * (See Note No. 2 on reverse side)**

| I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder. | Date | Recorded Holder or Agent (Signature) |
|---|---|---|
| | | |

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

| Name and Address of Person Certifying | Telephone No. | Date | Certified By (Signature) |
|---|---|---|---|
| | | | |

## For Office Use Only

| Work Assignments | Received Stamp |
|---|---|
| | |

RG.
Argyle Twp. M.203
Nokomis
Motchewon
Lake
Redpine Narrows
Hydro
RI
CLOSED TO STAKING SUBJECT TO SEC.
OF MINING ACT (SEPT. 20/78)
REG. PLAN M-331
Mistinikon Lake
Great Northern
Bend
Lake
West Montreal R.
Powell Twp. M
5M.
4 1/2 M
3M.
3 1/2 M
2 1/2 M
2M
1 1/2 M
1M
1/2 M
THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING
PLAN UPDATED NOV 30\90

■ Claim post located. □ Claim post location assumed.

GEOLOGICAL AND GEOPHYSICAL
COMPILATION MAP WITH
DRILLHOLE LOCATIONS
FOR
STRIKE MINERALS INC.
HSK MINERALS LTD. (Joint Venture)

| | |
|---|---|
| FIG. | |
| PROJECT | BADEN PROPERTY |
| Instrument | |
| DRAWN BY | SURVEYED BY |
| SCALE 1:2500 | DATE Oct./89 |
| TWP. HAUGH | SERVICES EXPLORATION SERVICES ENRG RECD |

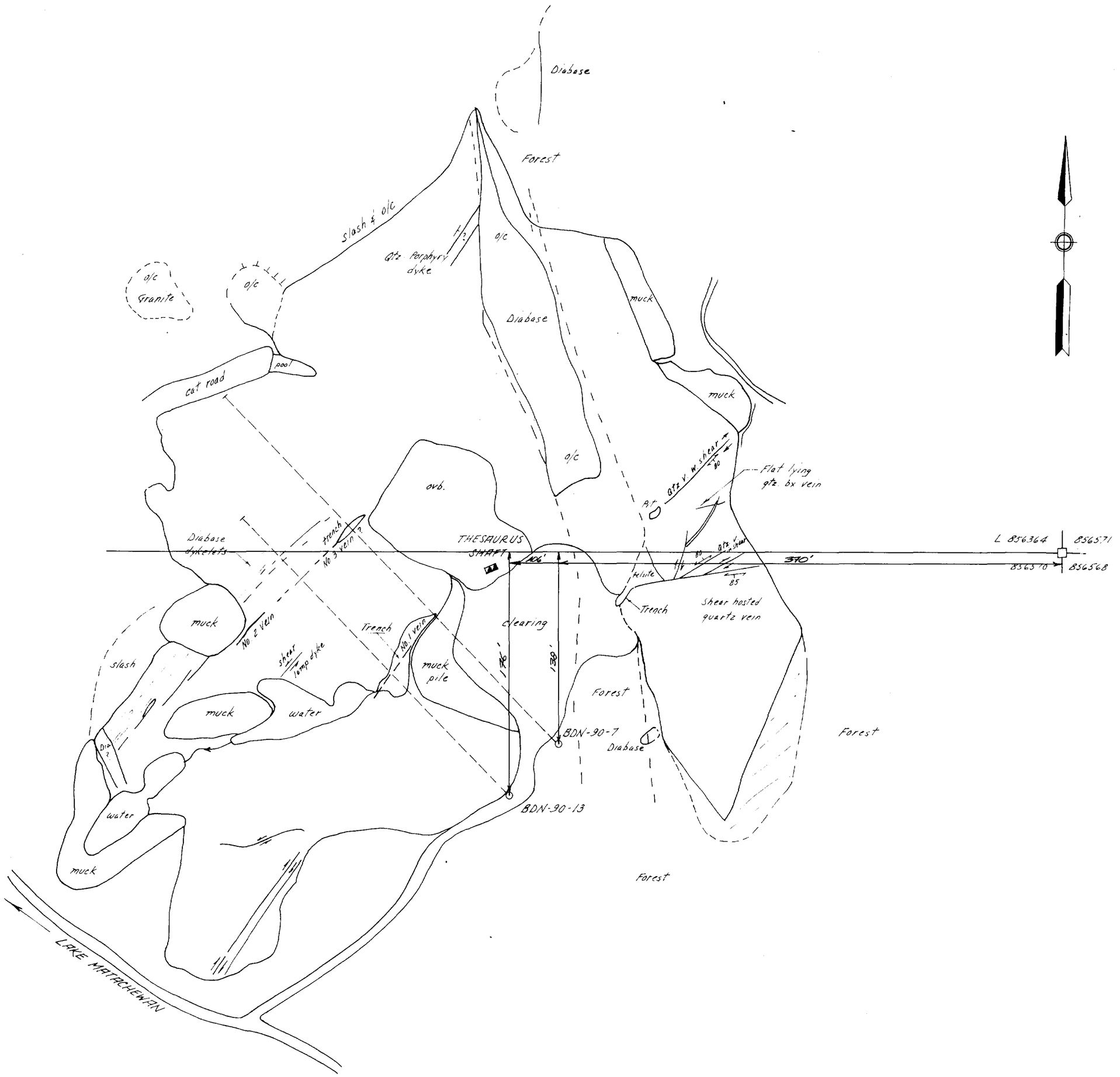
— LEGEND —
I.P ANOMALIES
STRONG 7.5 x $I_3$
MODERATE 2.5 x $I_3$
WEAK < 2 x $I_3$
RESISTIVITY LOW
HIGH RESISTIVITY ZONE
RESISTIVITY BOUNDARY (Fault Contact)
I.P ANOMALY, WIDE, STRONG, MODERATE

INDEX MAP

ROBERTSON TWP.
BADEN TWP
ARGYLE TWP.

ROBERTSON TWP.
BADEN TWP

Lake
Matachewan
Nokomis Lake
Belt Lake
CARBONATE SHOWING
RICHORE SHOWING
BASELINE
TL 500 N

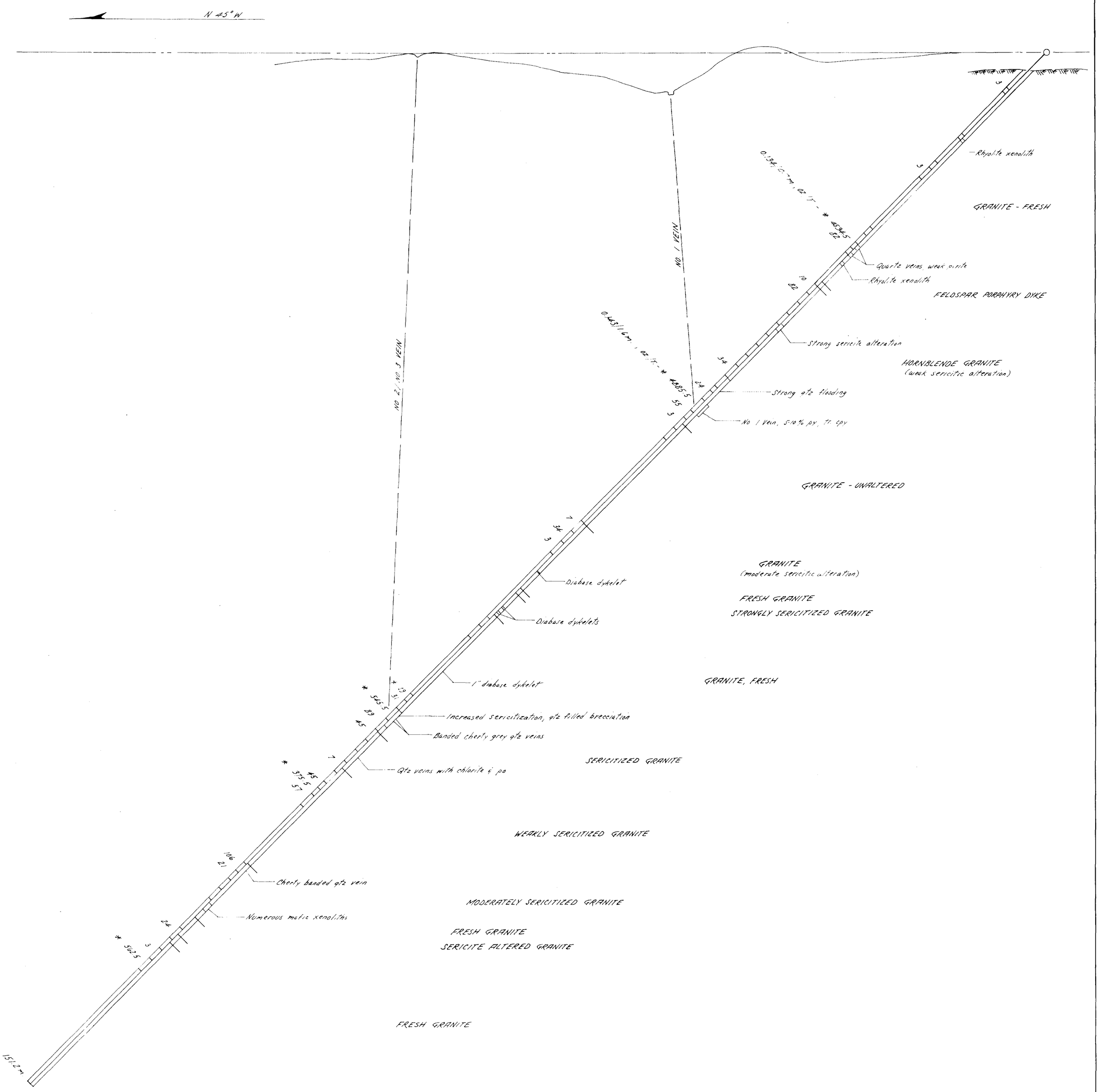



| | | |
|---|---|---|
| PROV. | ONTARIO | QUEENSTON MINING INC. - STRIKE MINERALS LTD. JOINT VENTURE |
| TWP. | BADEN | |
| NTS | 42A2 | |
| REF. | | STRIPPING PLAN THESAURUS SHAFT AREA BADEN PROPERTY |
| DWN. BY | WJM/RG | |

| REVISIONS | DATE | BY |
|---|---|---|
| | | |
| | | |

| SCALE | DATE | PLATE |
|---|---|---|
| 1" = 50' | AUG./90 | |

19/2/91

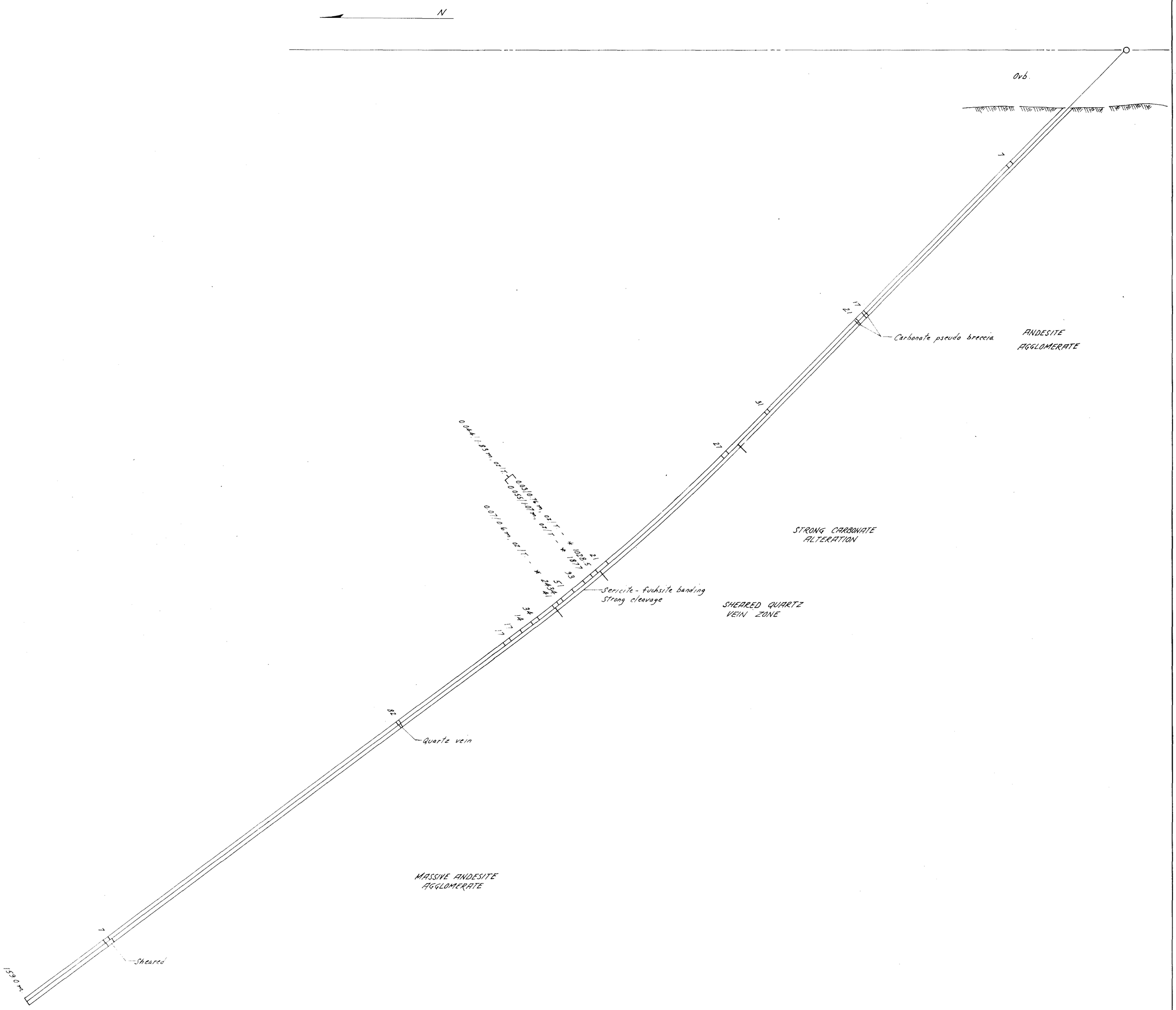



NOTE: ALL SAMPLES WERE ASSAYED FOR Au, ppb
UNIDENTIFIED SECTIONS ASSAYED N.I.

* AVERAGE OF TWO ANALYSIS.

19/2/91

| | | | |
|---|---|---|---|
| PROV. | ONTARIO | QUEENSTON MINING INC - JOINT STRIKE MINERALS LTD. - VENTURE | |
| TWP. | BADEN | | |
| NTS | 42A2 | DRILL SECTION<br>DDH No. BDN-90-7<br>BADEN PROPERTY - THESAURUS SHAFT AREA | |
| REF. | | | |
| DWN. BY | EG | | |
| REVISIONS | DATE / BY | SCALE 1:200 | DATE JUL '90 / PLATE |




NOTE: ALL SAMPLES WERE ASSAYED FOR Au, ppb
UNIDENTIFIED SECTIONS ASSAYED NIL.

* AVERAGE OF TWO OR MORE ANALYSIS

19/2/91

| | | |
|---|---|---|
| PROV. | ONTARIO | |
| TWP. | BADEN | |
| NTS | 42A2 | |
| REF. | | |
| DWN. BY | EP | |
| REVISIONS | DATE | BY |
| | | |
| | | |

QUEENSTON MINING INC. - JOINT VENTURE
STRIKE MINERALS LTD.

DRILL SECTION
DDH No. BDN-90-8
BADEN PROPERTY (CARB. PIT AREA)

SCALE 1:200 | DATE JUL, 90 | PLATE

N

BDN-90-12

OVB

? ? ?

3 3 37.5 3 7

ANDESITE AGGLOMERATE

Annealed, fault breccia
1/2" Crush zone
Pseudo breccia texture

ANDESITE AGGLOMERATE

Qtz veins in carbonate pseudo breccia, fuchsitic specks

Qtz vein

HEMATIZED LAMPROPHYRE DYKE

ANDESITE AGGLOMERATE

CARBONATE REPLACEMENT ZONE

Weak to moderate carbonate alteration

Strong qtz carb. replacement
Qtz veining, 5-10 % py
Transition zone, qtz. sericite rock
Fine grained granite

TRANS ZONE & f.g. GRANITE

LAMPROPHYRE DYKE

Granite, desilicified
Fault gouge
Lamp. dyke
Fault brecc granite
Fault zone, qtz-ser.-carb. matrix

Green sericitic alteration
Grey white qtz veins, sericite veins containing py

Massive granite

Qtz flooding
Fault gouge
Qtz - carb. replacement

Strong sericite
Fault breccia
Granite, desilicified
Brick red granite

Qtz veining w/ banded py, ser.
Transition zone, thinly banded fine gr. sulphide
Andesite agglomerate horn fels ?

ANDESITE AGGLOMERATE

STRONG CARBONATE GREY TUFF ?

Sericitized granite

Weakly altered

GRANITE

Sericitized fault zone

Banded qtz-ser.-py vein, sulphide rich fault gouge

Massive granite, desilicified

Qtz veinlets in sericite

Massive qtz vein, weak py stringers
Banded qtz vein w/ py & cpy.
Schisted qtz-ser.-fuchsite vein
Sheared carbonate altered andesite
Fractured & brecciated qtz vein

CARBONATE REPLACEMENT

MASSIVE ANDESITE AGGLOMERATE

DIABASE

ANDESITE AGGLOMERATE

NOTE: ALL SAMPLES WERE ASSAYED FOR Au, ppb
UNIDENTIFIED SECTIONS ASSAYED NIL.

* AVERAGE OF TWO ANALYSIS.

19/3/91

| | | |
|---|---|---|
| PROV. | ONTARIO | |
| TWP. | BADEN | |
| NTS | 42A2 | |
| REF. | | |
| DWN. BY | TG | |
| REVISIONS | DATE | BY |
| | | |

QUEENSTON MINING INC. - JOINT VENTURE
STRIKE MINERALS LTD.

DRILL SECTION
DDH No. BDN-90-9 & 12
BADEN PROPERTY (CARB. PIT AREA)

SCALE 1:200 | DATE AUG. 1/90 | PLATE

42A02SE0139 20 BADEN

N

Ovb.

Strong carb. alt. ± sil.

338
* 340.5
14

Strongly sheared

2-4 % pyrite

ANDESITE AGGLOMERATE

Banded qtz carb vein

3

Desilicified granite

GRANITE

27

DIABASE
(MASSIVE, MED. GRAINED)

223
141
* 43
AB
2.7
AB
17

Red fault breccia

Sericited, qtz - sericite vein with banded pyrite

GRANITE

* 300
137
134

Red granite

3

Qtz - sericite pyrite

Qtz veins

Sheared qtz - ser. pyrite

* 315
45

Strongly sheared andesite

Carbonate pseudo breccia

Qtz - calcite veins

CARBONATE ALTERATION ZONE

Disseminated pyrite

Qtz filled fault zone

Annealed fault

181.65 m.

LAMPROPHYRE

ANDESITE AGGLOMERATE

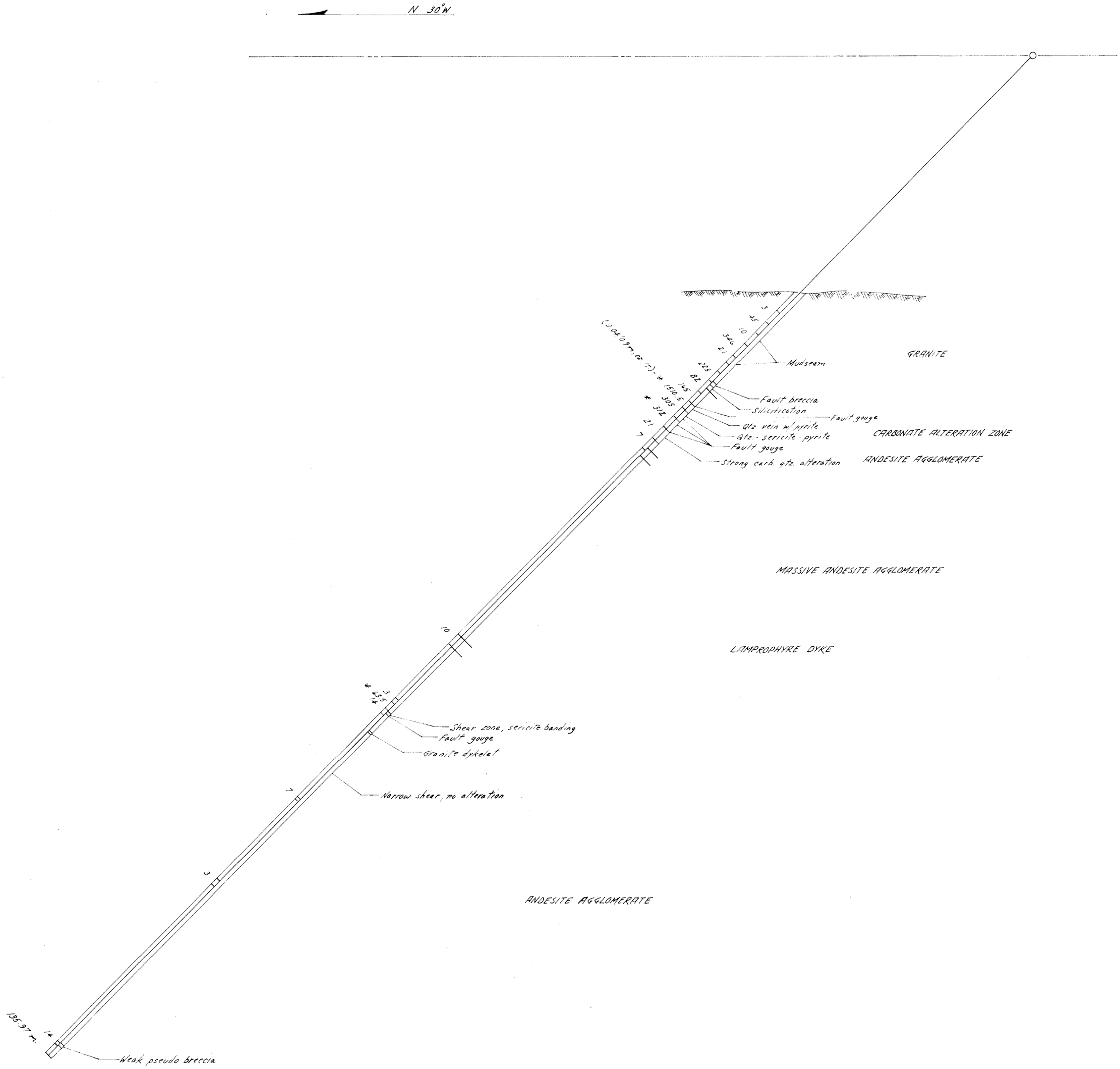
NOTE: ALL SAMPLES WERE ASSAYED FOR Au, ppb
UNIDENTIFIED SECTIONS ASSAYED NIL.

* AVERAGE OF TWO ANALYSIS.

| | | | |
|---|---|---|---|
| PROV. | ONTARIO | QUEENSTON MINING INC. - JOINT VENTURE<br>STRIKE MINERALS LTD. | |
| TWP. | BADEN | | |
| NTS | 42A2 | | |
| REF. | | DRILL SECTION<br>DDH No. BDN-90-10<br>BADEN PROPERTY (CARB. PIT AREA) | |
| DWN. BY | IG | | |
| REVISIONS | DATE BY | SCALE 1:200 | DATE AUG 190 PLATE |

19/2/91

42A02SE0139 20 BADEN




NOTE: ALL SAMPLES WERE ASSAYED FOR AU, ppb
UNIDENTIFIED SECTIONS ASSAYED NIL.

* AVERAGE OF TWO ANALYSIS.

| | | |
|---|---|---|
| PROV. | ONTARIO | |
| TWP. | BADEN | |
| NTS | 42A2 | |
| REF. | | |
| DWN. BY | EG | |
| REVISIONS | DATE | BY |
| | | |
| | | |

QUEENSTON MINING INC. - JOINT VENTURE
STRIKE MINERALS LTD.

DRILL SECTION
DDH No. BON-90-11
BADEN PROPERTY (CARB. PIT AREA)

| SCALE 1:200 | DATE AUG./90 | PLATE |
|---|---|---|

19/2/91

N 45° W

No 2 vein

No 1 vein

Lamprophyre

No 2/No 3 vein

0.032-0.045 m. (oz/t) * 844.5

31 — Qtz veining & pyrite, cpy

10 — Mafic xenoliths, py, cpy, qtz fill

17 — Sericite altered, 3-5 % py, pyrr

99

141

89

14 — Vuggy qtz-carb.-chl.-py vein

3

329

* 511

31

353

41

10

17 — Diabase

14 — Open qtz. filled breccia, sericite

31 — Coarse crystalline sericite

13 — Diabase
Brecciated, sericitize granite
lamprophyre dyke

14

* 1745

31 — Diabase

Variable silicification & sericitization, 2-3 % py

Diabase

Sericitized & qtz flooded

1

3 — Silicified fault gouge

Rhyolite xenolith

0.028-0.037 m. (oz/t) * 977.5

26

36 — Moderately altered granite

Qtz vein, py, rare cpy

120.7 m.

23

12 — Silicified fault gouge

HORNBLENDE - BIOTITE - QUARTZ - FELDSPAR GRANITE

NOTE: ALL SAMPLES WERE ASSAYED FOR Au, ppb
UNIDENTIFIED SECTIONS ASSAYED NIL.

* AVERAGE OF TWO ANALYSIS

19/2/91

| | | | |
|---|---|---|---|
| PROV. | ONTARIO | QUEENSTON MINING INC. - JOINT VENTURE | |
| TWP. | BADEN | STRIKE MINERALS LTD. | |
| NTS | 42A2 | DRILL SECTION | |
| REF. | | DDH No. BDN-90-13 | |
| DWN. BY | | BADEN PROPERTY - THESAURUS SHAFT AREA | |
| REVISIONS | DATE BY | SCALE 1:200 | DATE AUG '90 PLATE |