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REPORT ON

DIAMOND DRILLING PROGRAM

STURGEON LAKE PROPERTY

ONTARIO

for

MISTANGO CONSOLIDATED RESOURCES LTD.

Toronto, Ontario April, 1987

J.L. Webster, B.Sc.
MPH Consulting Limited



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1.0 INTRODUCTION AND SUMMARY

A three hole, 974 ft program of BQ core drilling was completed on the Sturgeon Lake property of Mistango Consolidated Resources Ltd. during February of 1987. The property is located in the northeast arm of Sturgeon Lake in northwestern Ontario. Drilling was carried out by Kenora Drilling, a subsidiary of Morrisette Drilling, of Kenora, Ontario with MPH Consulting Limited of Toronto, Ontario providing project management.

The target was the eastern extension of the Rainbow Island gold-bearing zone intersected on the Mistango property during the 1986 drill program in hole M-86-8. The Rainbow Island occurrence, located just east of claim Pa590687 on Rainbow Island, was first dicovered in 1982. During the 1980's a syndicated group attempted to open-cut mine, hand-sort and concentrate the rich Rainbow Island vein with a small (5 ton) mill.

The 1987 Mistaugo drill program has extended the Rainbow Island zone some 400 ft east of previous hole M-86-8. Mineralization consists of small (2-5 cm) blue quartz veins with an associated carbonate halo containing 1-2% fine-grained disseminations and small clots of pyrite and pyrrhotite. The best gold values are associated with a chlorite/carbonate/quartz breccia zone within mafic to intermediate metavolcanic flows.

The breccia zone becomes progressively weaker and narrower east of Rainbow Island. The best intersection during the present campaign on this structure was in hole M-87-1 which returned a 5.0 ft core length which averaged 0.09 oz $\Delta u/t$.

More work will be required on Mistango's Sturgeon Lake property to properly assess the economic potential of the RaInbow Island zone and other known mineral occurrences. Recommendations are presented for a program consisting of 1,500 ft of diamond drilling at an estimated cost of \$98,000.

2.0 PROPERTY, LOCATION, ACCESS AND HISTORY

The Mistango property consists of 43 continguous unpatented mining claims in the Patricia district of northwestern Ontario. The claims and their recording dates are listed below:

| Claim Nos. | Recording Date | Claim Nos. | Recording Date |
|------------|-------------------|------------|-----------------|
| PA590673 | December 24, 1982 | PA612431 | January 5, 1983 |
| 590674 | December 24, 1982 | 612432 | January 5, 1983 |
| 590675 | December 24, 1982 | 844829 | March 4, 1985 |
| 590676 | December 24, 1982 | 844830 | March 4, 1985 |
| 590677 | December 24, 1982 | 844831 | March 4, 1985 |
| 590678 | December 24, 1982 | 844832 | March 4, 1985 |
| 590680 | December 24, 1982 | 844833 | March 4, 1985 |
| 590681 | December 24, 1982 | 844834 | March 4, 1985 |
| 590682 | December 24, 1982 | 844835 | March 4, 1985 |
| 590683 | December 24, 1982 | 844845 | March 4, 1985 |
| 590684 | December 24, 1982 | 844846 | March 4, 1985 |
| 590687 | December 24, 1982 | 844847 | March 4, 1985 |
| 612420 | December 24, 1982 | 844854 | March 4, 1985 |
| 612421 | December 24, 1982 | 844855 | March 4, 1985 |
| 612423 | January 5, 1983 | 844856 | March 4, 1985 |
| 612424 | January 5, 1983 | 844857 | March 4, 1985 |
| 612425 | January 5, 1983 | 844858 | March 4, 1985 |
| 612426 | January 5, 1983 | 844859 | March 4, 1985 |
| 612427 | January 5, 1983 | 844860 | March 4, 1985 |
| 612428 | January 5, 1983 | 844861 | March 4, 1985 |
| 612429 | January 5, 1983 | 896056 | August 12, 1986 |
| 612430 | January 5, 1983 | | |

The property is located about 70 miles north of Ignace, Ontario on the northeast arm of Sturgeon Lake. The claim group is accessible from Ignace via highway 599 north to the Six Mile Lake gravel logging road. A truck road branches eastwards to King Bay (the last two miles is by a tractor road). In winter, the claim group is accessible by tractor or snowmobile; in the summer the property is accessible by boat.

History and results of previous work on the property are summarized in a report by C. Kuryliw for Mistango dated July, 1986.

A key aspect of the previous work was the discovery of the eastern extension of the Rainbow Island zone intersected in hole M-86-8. The best Intersection in that hole returned 0.05 to 0.18 oz Au/t over 2 inches to 3 inches vein widths.

3.0 DIAMOND DRILING PROGRAM - 1987

Appendix I presents the logs and sections for holes M-87-1 to 3 along with the assay certificate and a copy of the Report of Work.

Drilling is summarized as follows:

| Hole | Azimuth | Dip | Length |
|------------|---------|------|--------|
| M-87-1 | 355° | -50° | 308 ft |
| M - 87 - 2 | 355° | -50° | 328 ft |
| M-87-3 | 035° | ~50° | 338 ft |

extension of the Rainbow Island breccia-vein zone intersected during the 1986 drill program in hole M-86-8. The hole collared in a coarse-grained gabbro intruded by many small feldspar (quartz) porphyry dykes and continued in this to 95.0 ft. A massive mafic to intermediate metavolcanic flow which was persistently cut by many fine quartz/carbonate fractures at various angles was intersected from 95.0 to 281.2 ft. The section from 224 to 263.5 ft contained a strongly chloritized, brecciated intermediate to mafic flow with a quartz/calcite matrix, 1-2% pyrite and pyrrhotite mineralization associated with fine (2-5 cm) blue quartz veins. An only assay of any consequence was a 5 ft section from 246 to 251 ft which averaged 0.09 oz Au/t. An underlying intrusive in hole 1 consisted of a greenish-grey feldspar porphyry with no mineralization of interest.

Hole M-87-2 was drilled 100 ft east of hole M-87-1 northwards at a -50° dip again to test for the eastern extension of the Rainbow Island zone. After passing through the gabbro and several feldspar (quartz) porphyry dykes, the above chlorite-quartz-carbonate breccia zone was intersected from 198.5 to 220.0 ft within the mafic to intermediate metavolcanic flows. Mineralization was less well developed in this hole although the

blue quartz veins were present. There were no assay values of consequence.

Hole M-87-3 was drilled from the same set-up as hole M-87-2 but at an azimuth of 035°, to accommodate a sharp increase in water depth beginning 10 ft to the east of M87-2 set up. Again, similar lithologies were intersected. The chlorite/quartz/carbonate breccia zone was intersected from 211.0 to 222.0 ft. Mineralization was poorly developed and there were no significant assays.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The 1987 drill program was successful in that the Rainbow Island mineralized zone was intersected in all three 1987 holes. This indicates a total strike length of 1,800 ft extending from the known showing on Rainbow Island. The mineralized zone, however, becomes increasingly narrower to the east and carries only trace gold. The best drill intersections were encountered in hole M-87-1 which yielded 0.09 oz Au/t over a 5.0 ft core length.

Three other zones of interest on the property merit further investigation by diamond drilling. They are as follows:

- 1. the eastern extension of the Iron Duke quartz vein, claim Pa590673;
- 2. the northeasterly extension of the Steep Rock Hotel Point zone, claim Pa590680; and
- 3. the copper-bearing, gold-silver zone south of Rainbow Island (claim Pa 613421).

A total of 1,500 ft of drilling is recommended on the 3 zones.

The cost for the drill program will be \$98,000 inclusive of all drafting and reporting.

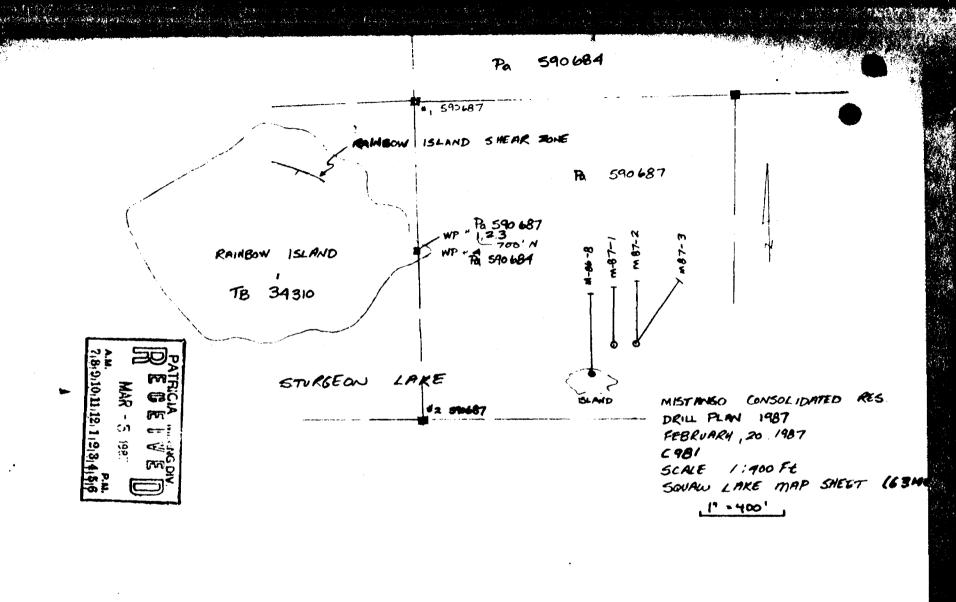
Respectfully submitted,

J.L. Webster, B.Sc.

CERTIFICATE OF QUALIFICATIONS AND LETTER OF CONSENT

- I, J.L. Webster, of Toronto, Ontario, do hereby certify that:
- 1. I obtained a B.Sc. (Hon.) degree in Geology from McMaster University in 1981.
- 2. I have based my conclusions and recommendations contained in this report on my experience and knowledge of the geology of the area and on results of the field work carried out on the property under my supervision during the months of April to June, 1986.
- 3. I have no interest, either directly or indirectly in Mistango Consolidated Resources Ltd. or the property under discussion herein, nor do I expect to receive or acquire any such interest.

Toronto, Ontario April, 1987 J.L. Webster, B.Sc.



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APPENDIX I

Drill Logs and Sections

| | | | | | | | | | | | , | | | *** | |
|------------|----------------|--|--|---|----------------------------|---------------|-------------|-------------|---------|-----------|------------|--------------|------|------|---------|
| Property | Stu | irgeon Lake | Length | 3081 | Coi | mmenced | Jai | mary 2 | 5, 1987 | | Dip: | Collar _ | | -50" | |
| Township | Squ | iaw Lake | Bearing | 355 | Co | mpleted | Fe | biuary | 1, 1987 | | | | | | |
| Local ton | Eas | t of Rainbow | Dip | -5()° | Dr | illing Co | . <u>Ke</u> | uora Dr | illing | | Etch | Test | Dept | ħ | Degrees |
| | Isl | and | Objective | Intersect Rainbow | Co | re Size | BQ | | | | | | | | |
| Logged by | J.I. | Webster | | Island shear zone with | Ca | sing Left | In Hob | e <u>No</u> | пе | | | | | | |
| Core Locat | lon <u>Ken</u> | iora Dill1 Core | | quartz veining. | ı | | | | | | | | | | |
| | 1,11 | orary | | | | | | | | | | | | | |
| Remarks | | | | | | | | | | | | | | | |
| FROM | TO (f1) | | DESCR | [84108 | | SAMPLE NO. | FROM | то | LENGTH | PPB Au | oz/T Au | | | | |
| 0 | 6.0 | CASING | | | | | | | | | | | | | |
| 6.0 | 7.8 | basic textu - cut by many @ various a | re fine qtz/ca ingles to C. | o greenish grey, massive arb fractures minor chl s A. s most often associated v | aqlla | | | | | | | | | | |
| 7.8 | 3.8 | our with a - upper lower - rock consist anhedral for size; and m siliceous m laths - minor py di | light green porphyritic contacts we sist of 15% t eldspar phen ninor rounde natrix with esseminated | ish to pinkish green in c | o CA hite fg hole | | | | | | | | | | |
| 8.3 | 24.5 | - same as unl - fg chill ma - pink porphy some associ - 1-2% sulphi | argin 0 top 7ry velus 1 Lated silici | contact for 1.2 ft cm to 5 cm wile often wil fication, carbonatization zation associated with po | n | | | | | | | | | | |

MPH CONSULTING LIMITED

DIAMOND DRILL RECORD

HOLE NO. M-37-1 SHEET NO. 2

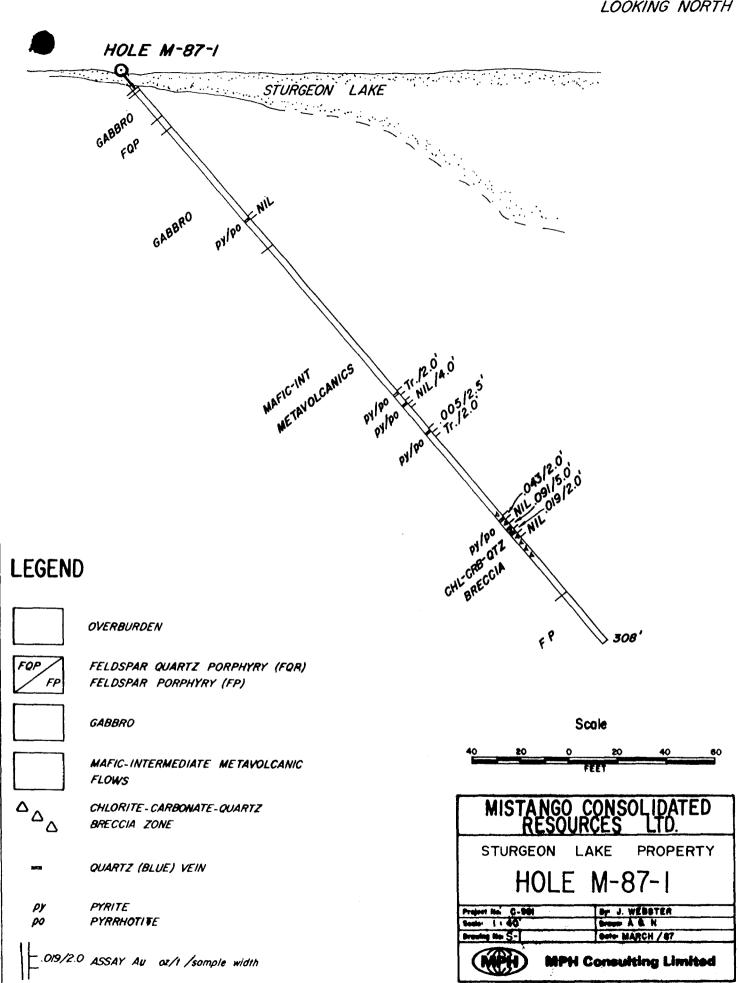
| FROM (ft) | TO (ft) | DESCRIPTION | SAMPLE NO. | FROM | от | LENGTH | PPB Au | oz/T Au | | |
|--------------|---------|--|----------------------|---|-----------------------|-----------------|---|----------------------|--|--|
| 24.5 | 29.5 | FELDSPAR (QUARTZ) PORPHYRY - same as unit 7.8 to 8.8 - upper and lower contacts @ 85° and 75° to CA, respectively - few fine qtz/carb fractures @ various angles to CA - minor sulphide mineralization as fg disseminations of py/po throughout | | | | | | | | |
| 29.5 | 95.0 | GABBRO - same as unit 6.0 to 7.8 79.5-80.5: 2 cm blue/grey qtz vein with ct/qtz minor chl parallel fractures on either side, po/py small clots associated with vein (1%) | 3363 | 79.5 | 80.5 | 1.0 | 5 | | | |
| 95.0 | 281.2 | MASSIVE MAFIC-INTERMEDIATE METAVOLCANIC vfg to mfg some mcg sectious, greenish grey to dark green-black massive flow upper contact with gabbro is not well defined lower contact @ 45° to CA entire unit is cut by many fine qtz/carb fractures @ various angles to CA predominantly @ 20° to CA fractures offset earlier qtz veins and small porphyry veins (ranging 1 cm to 5 cm) minor chl alth often as fine slips or blebs associated with qtz veins 1 to 2% sulphide mineralization as fg py/po disseminations and clots associated with porphyry veins and silicifications | | | | | | | | |
| | | 174 - 176: vfg basalt, cut by silicified hematized porphyry with a blue/grey qtz veiu @ upper contact (1 cm to 2 cm wide), py/ po mineralization (1-2%) as fg clots 179 - 181: same as above 181 - 183: basaltic flow is porphyritized with a 5 cm blue/grey qtz vein 1 cm to 2 cm | 3364 3365 3366 | 174 179 181 | 176 181 183 | 2 2 2 | 21 11 5 | | | |
| | | wide minor fg py/po 194 - 198: same as 174 to 176 224-263.5: fg to vfg strongly chloritzed brecciated intermediate to mafic flow with a qtz/ct matrix, 1-2% py/po mineralization as fg disseminations along tragment edges; both upper/lower contacts 640° to CA | 3369 3370 よ7に | 194 196.5 241.5 243.5 246 248.5 251 | 243.5 246 248.3 | 1.5 2 2.5 | 176 27 1669 9 2521 3290 646 | .435 .085 .096 | | |

MPH CONSULTING LIMITED

DIAMOND DRILL RECORD

HOLE NO. M-87-1 SHEET NO. 3

| FROM (ft) | TO (ft) | DESCRIPTION | SAMPLE NO. | FROM | то | LENGTH | PPB Au | oz/T Au | | |
|--------------|------------|--|---------------|------|----|--------|-----------|------------|--|--|
| 281.2 | 308 | 241-243.5: blue/grey qtz vein @ 80° to CA with accompanying qtz/carb fractures (5 cm wide) minor py/po mineralization 246 - 253: same as above FELDSPAR PORPHYRY - mcg, light green to greenish grey porphyritic texture - rock consists of 20 to 50% anhedral white (pink) feldspar phenocrysts ranging from 3 mm to 1 cm in size within a fg siliceous matrix with 10-15% green amphibole laths (1-5 mm in size) - minor qtz/carb veining and fracturing with associated chl slips - 1-2% py mineralization as fg disseminations minor po - some hematization of felspar near upper contact | | | | | | | | |
| | | | | | | | | | | |



| Property | Sturgeon Lake | Length | 328* | Commenced | February 4, 1987 | Dip: Collar _ | -50° | |
|---------------|-------------------|-----------|------------------------|---------------|--|---------------|--------|---------------------------------------|
| Township | Squaw Lake | Bearing | 355° | Compléted | February 7, 1987 | | | |
| Location | Rainbow Island | q i d | -50° | Drilling Co. | Kenora Drilling | Etch Test | Dept h | Degrees |
| | | Objective | Intersect Rainbow | Core Size | ВО | 1 | 328 | -48° |
| Logged by | J.I. Webster | | Island shear zone with | Casing Left (| n Hole <u>None</u> | | | |
| Core Location | Kenora Drill Core | | Au-bearing quartz | | British diraw samunda ada agair 47 da di biring an anang pertuab a darah atau gana a | | | |
| | Library | | veins. | | | | | |
| Pomo Tivo | | | | | | . | | · · · · · · · · · · · · · · · · · · · |

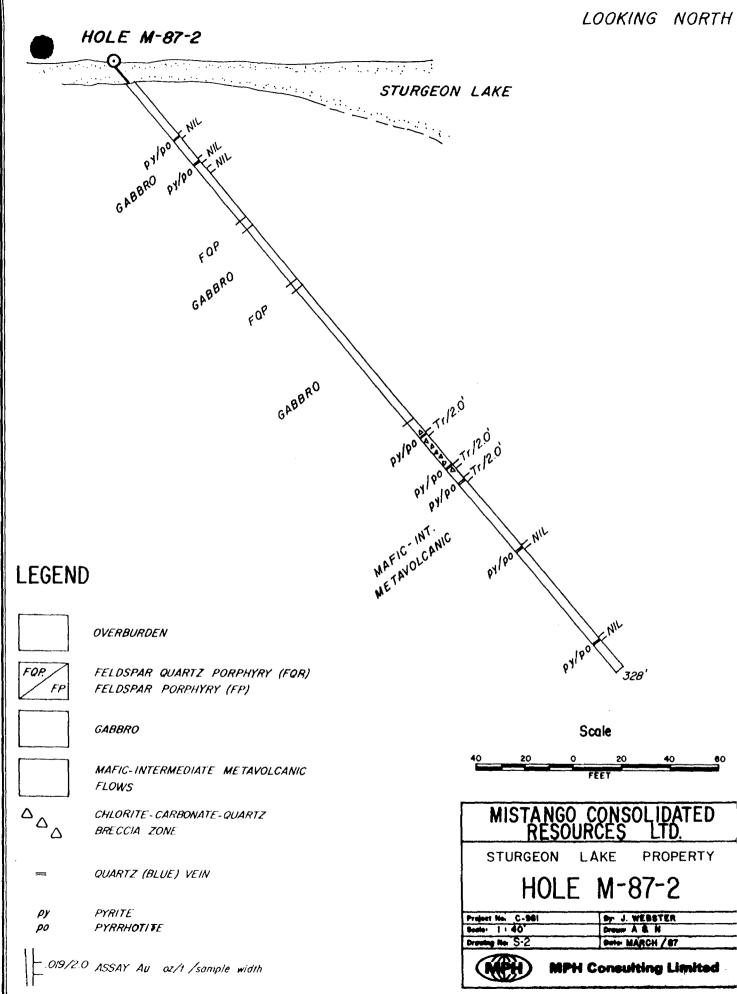
Remarks

| FROM (ft) | TO (ft) | DESCRIPTION | SAMPLE NO. | FROM | ľO | LENGTH | PPB Au | oz/T Au | | |
|--------------|------------|---|---------------|------|--------------|--------|------------|------------|--|--|
| Ş | 11.0 | CASING | | | : | | | | | |
| 11.0 | 85.0 | GABBRO - mfg to mcg, dark green to greenish grey, massive diabasic texture - cut by many fine qtz/carb fractures minor chl slips @ various angles to C.A. - 1-2% fg, py (po) disseminations most often associated with qtz and chl fractures 41.5 - 43.5: a 1-3 cm wide qtz ct vein @ 10° to CA with a cherty halo some chl and l-2% py/po mineralization associated with veining 54 - 56.5: fg dark green gabbro with blue/grey qtz vein @ 65° to CA, 5 cm wide with siliceous halo some py/po mineralization | 3379 | 41.5 | 43.5 56.5 | | 9 | | | |
| | | 59.4-61.4: chloritized sheared gabbro @ 60° to CA with qtz/carb fractures and 1-2% py disseminations | 3381 | 59.4 | 61.4 | 2 | 4 5 | | | |
| 85.0 | 88.5 | FELDSPAR (QUARTZ) PORPHYRY - mg to mcg, light pinkish grey porphyritic rock - rock consists of 10-25% pink to white anhedral k-feldspars 2 mm to 2 cm in size (predominantly 2- 5 cm range) in a grey, siliceous fg matrix with minor green amphibole and some qtz phenocrysts - 1-2% py mineralization as disseminations throughout occassionally associated with fine qtz/carb frac- tures | | | | | | | | |

DIAMOND DRILL RECORD

HOLE NO. M-87-2 SHEET NO. 2

| FROM (ft) | TO (ft) | DESCRIPTION | SAMPLE NO. | FROM | то | LENGTH | PPB Au | oz/T Au | | |
|--------------|------------|--|---------------|--------------|--------------|--------|-----------|------------|---|--|
| 88.5 | 117.0 | GABBRO - same as unit 11.0 to 85.0 | | | | | | | | |
| 117.0 | 121.0 | FELDSPAR (QUARTZ) PORPHYRY - same as unit 85-88.5 - upper and lower contacts well defined 3.70° and 85° to CA, respectively | | | | | | | | |
| 121.0 | 192.5 | GABBRO - same as unit 11.0 to 85.0 | | | | | | | 1 | |
| 192.5 | 328.9 | MASSIVE INTERMEDIATE - MAFIC METAVOLCANICS - vfg to mfg with some mcg sections, greenish grey to dark green-black massive flow - upper contact is not well defined - entire unit hs been cut by many fine qtz/carb fractures and chl slips @ various angles to CA predominantly @ 30° to CA fretures offset earlier qtz veins and prophyry dyklets - 1-2% sulphide mineralization as fg py/po disseminations throughout and clots associated with qtz, porphyry veins and chl slips 198.5-220.0: fg to vfg strongly chloritized breciated intermediate to mafic flow with a qtz/ct matrix, 1-2% py/po mineralization as fg, disseminations along fragment edges, both upper/lower contsacts @ 40° to CA 200.5-202.5: blue/grey 1 cm wide qtz vein @ 85° to CA with a 5 cm siliceous halo, fg py cubes often oxidized 218.0-220.0: strongly factured with qtz/carb and chl fractures @ 80° to CA with 3 to 10 cm blue/grey qtz veins minor sulphides (py) oxidized | 3374 | 200.5 | 202.5 | 2 | 43 | | | |
| | | 225.0-277.0: hematized feldspar (qtz) porphyry that is strongly silicified @ upper contact is 1-2 cm blue/grey qtz vein minor py disseminations | 3376 | 225 | 227 | 2 | 253 | | | |
| | | 262.0-264.0: same as 218 to 220 311.5-313.5: strougly silicified (greyish qtz) sheared flow @ 30° to CA some por- phyritization minor py mineralization | 3377 3378 | 262 311.5 | 264 313.5 | 2 2 | 5 | | | |
| | 328.0 | ЕОН | | | | | | | | |



| MOU | CONSULTING | THITPUT |
|-----|------------|---------|
| | | |

DIAMOND DRILL RECORD

| HOLE | NO. | M-87-3 |
|------|-----|--------|
|------|-----|--------|

| | | | yrm 90.000 transmen same s | | | | | | | | | | **** | | |
|--------------|----------------|---|---|---|---|---------------|---------|-------------|----------|-----------|------------|---------|------|------|---------|
| Property | Stu | rgeon Lake | Length | 338' | C | ommenced | Fel | bruary | 8, 1987 | | Dip: C | ollar _ | | -50° | |
| Towns* 1p | Squa | iw Lake | Bearing | 035° | C | ompleted | Fel | oruary | 10, 1987 | <u> </u> | | | | | |
| Location | Eas | t of Rainbow | Dip | -50° | D | rilling Co | · Kei | nora Dr | illing | - | Etch T | est | Dept | 1 | Degrees |
| | Isla | and | Objective | Intersect Ra | inbow C | ore Size | BQ | | | | 1 | | 338 | ı | 47° |
| Logge: by | J.L | . Webster | | Island shear | zone with C | asing Left | in Hole | e <u>No</u> | ne | | | | | | |
| Core Locat | ion <u>Ken</u> | ora Drill Core | | quartz veini | ng. | | | | | | | | | | |
| | 1.1b | rary | | | | | | | ····· | | | | | | |
| Remar'es | | | I | | | | | | | | L | | | | |
| | | | | | | | | | | | | | | | |
| FROM (ft) | TO (ft) | | DESCR | IPTION | | SAMPLE NO. | FROM | то | LENGTH | PPB Au | oz/T Au | | | | |
| 9 | 16.0 | CASING | | | | | | | | | | | | | |
| 16.0 | 69.2 | diabasic te - cut by many and some sm - 1% sulphide | exture y fine qtz/c nall 1-5 cm e mineraliza small porp with assoc | wide porphyry tion as fg py | minor chl slip dyklets disseminations ewhat hematized ue/grey qtz | | | | | | | | | | |
| 69.2 | 83.5 | phyritic to upper lower CA rock consist feldspar pl qtz rounder with some to 1-2% py min | light greeniexture contacts wasts of 15% to the corysts 2 i phenocryst green amphibacturalization | sh pink in co well defined @ well defined @ white one of the color of | | i. | | | | | | | | | |
| 33.5 | 171.0 | GABBRO - same as un | it: 16.0 ft | to 69.2 ft | | | | | | | | | | | |

MPH CONSULTING LIMITED

DIAMOND DRILL RECORD

HOLE NO. M-87-3 SHEET NO. 2

| FRIM (ft) | TO (ft) | DESCRIPTION | SAMPLE NO. | FROM | ТО | LENGTH | PPB Au | oz/T Au | | |
|--------------|------------|---|------------------------------|--|----|------------------|----------------------------|------------|--|--|
| 171.7 | 328 | MASSIVE MAFIC TO INTERMEDIATE METAVOLCANIC - vfg to mfg some mcg sections, greenish grey to dark green black massive flow - entire section has been cut by many fine qtz/carb fractures (t various angles to CA predominantly (target) (to CA minor chi slips fractures offset earlier qtz veins and porphyry dyklets - 1-2% sulphide mineralization as fg py/po disseminations and small clots associated with silicification 211 - 222: fg to vfg strongly chloritized, brecciated mafic flow with qtz/ct matrix, 1-2% py/po as fg disseminations along fragment edges, upper/lower contacts not well defined 214 - 218: silicified basalt flow with few grey/blue qtz veins (1-2 cm wide) (to 60° to CA minor py/po disseminations 218 - 222: same as above with some porphyritization of basalt as well (minor cpy in blue/grey qtz vein) 225.6-227.6:fine qtz grey/blue veins ranging 1 to 3 cm wide in strongly qtz/carb fracture zone (target) 30° to CA with po/py clots 261.8-263: same as above | 3383 3384 3385 3386 | 214 216 218 220 225.6 261.8 | | 2 2 2 2 | 23 69 105 63 5 | | | |
| 328.0 | 338.0 | FELDSPAR PORPHYRY - mcg, light green to greenish-grey in colour with a porphyritic texture - rock consists of 20-30% anhedral white (pinkish) feldspar phenocrysts ranging from 3 mm to 1 cm in size within a fg siliceous matrix with 10-15% green amphibole laths ranging from 1 mm to 5 mm - 1% sulphide mineralization as fg py disseminations - minor hematization - upper contact well defined @ 50° to CA | | | | | | | | |

LOOKING NORTH EAST HOLE M-87-3 STURGEON LAKE GABBRO ×11./2.0 **LEGEND OVERBURDEN** FQP FELDSPAR QUARTZ PORPHYRY (FQP) FELDSPAR PORPHYRY (FP) FP 338 **GABBRO** Scale MAFIC-INTERMEDIATE METAVOLCANIC FLOWS $^{\Delta}_{\Delta}$ MISTANGO CONSOLIDATED CHLORITE - CARBONATE - QUARTZ RESOURCES BRECCIA ZONE STURGEON LAKE **PROPERTY** QUARTZ (BLUE) VEIN HOLE M-87-3 PYRITE Project No: C-981 Scale: 1"= 40" By J. WEBSTER po PYRRHOTITE Drawn: A & N Deter MARCH /87 .019/2.0 ASSAY Au oz/t /somple width **MPH Consulting Limited**

APPENDIX II

Assay Certificates



ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 - TELEPHONE (416) 239-3527

Certificate of Analysis

| Certificate No | MPH-15/6004 | | | Date: <u>February 27, 1987</u> |
|----------------|-------------|----|------------|--------------------------------|
| Received | | 26 | Samples of | Drill Core |

Submitted by MPH Consulting Ltd. Att'n: Ms. J. Webster

Project: C-981

| Sample No. | Au ppb | oz/ton | Sample No. | Au ppb |
|------------|---------------|--------|------------|--------|
| 3363 | <5 | | 3383 | 23 |
| 3364 | 21 | | 3384 | 69 |
| 3365 | 11 | | 3385 | 105 |
| 3366 | <5 | | 3386 | 63 |
| 3367 | 176 | | 3387 | <5 |
| 3368 | 27 | | 3388 | 93 |
| 3369 | 1669 | .043 | | |
| 3370 | 9 | | | |
| 3371 | 2521 | .085 | | |
| 3372 | 3290 | .096 | | |
| 3373 | 646 | | | |
| 3374 | 43 | | | |
| 3375 | 59 | | | |
| 3376 | 253 | | | |
| 3377 | <5 | | | |
| 3378 | < 5 | | | • |
| 3379 | 9 | | | - \ |
| 3380 | <5 | | |) |
| 3381 | < 5 | | | |
| 3382 | <5 | | | |

ASSAYERS (ONTARIO) LIMITÉD

Per _____

J. van Engelen Mgr.

APPENDIX III

Report of Work

Report of Work

\$87-520 " SOUND LAKE

Bupply required data an a separate form for each type of work to be recorded (see table below). For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and

| Asmes Lib. | Mining J | N ct Expen | ditures)". | | | |
|--|--|--|---|---|--|--|
| | lecerded Heider | | Prospector's Lic | (| | |
| MISTANGO CO | NSOLIDATED REGOURCES | LTD | 」 アル | 56/ | | |
| 137 HURON | 1 HTS. DRIVE , NEW MA | KKET , ONTARIO | ; L34. | 426 | | |
| | nance and Distribution of Credits | | Some La | ke 63/40 | | |
| Total Work Days Cr. claimed | Mining Claim Work Profix Number Days Cr. Prof | Mining Claim World Number Days | | Claim Work Number Days Cr | | |
| for Performance of the follow | 844827 40 Pa | 844 846 40 | Pa 84 | 19860. 40 | | |
| work, (Check one only) [] Menuel Work | 844 830 | 844847/ | · Contraction - · | 4861. 23 | | |
| Sheft Sirking Drifting of | 344.831 " | 844854 | 89 | 6 656 20 | | |
| Compressed Air, other Power driven or | 844832 | 844855 | 1000 | 90 687 20 | | |
| mechanical equip Power Stripping | 844833 | 844856 | 1.33 | 10683 70 | | |
| Diamond or other Core | 844834 " | 844857 | ा दशकाय | 0675 60 | | |
| Land Survey | 844835 40 | 844 85E 40 | 17766 | 0673 60 | | |
| | 844 845 40 | 844857 140 | 7 | 70674 60 | | |
| All the work was performed to | | (Car Table Date) | Pa 59 | 10676,31 | | |
| | type of equipment, Names, Addresses, etc. | | | Webst | | |
| DIAMOND DE | PILL CO.; KENORA DRILL | ING CO. , KEN | ORA, ONT. | 4210 | | |
| DRILLING P | CERIOD; JAN. 20, 1987- | FEB. 13 - 1987 | | | | |
| 3PRILL HOZE | | | | | | |
| COKE STOR | ED : KENOCA DAW CO | orne roomst | 974' | | | |
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| | a personal and in the case above edge of the facts set | | naves hereto hazing | part creat the write | | |
| Practical Posts Advises of | ing ny after ny | and a section of the | rigger is engaged. I seems that therefore the the | | | |
| 1.1. WE BS | 17-12 mpil CONSULT | TNS 170 24 | 06 - 120 | | | |
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| | actiments Hequieu by the Mining Recorder | and the conference of the conf | | | | |
| Tipe of Wore | tipe to inferral exporting | Congress of the project Community | 70 2 01 4 61 8 120 85 | Arta hireris | | |
| Marria di Work | ,, | | | | | |
| Shaft Siraing, Drifting, or other Lateral Work | 1 | Plannes and addresses of men manual work objection equa- with dates as 15 burs of amp | pmart trigaltar | Wints finetch it ask are recipited to strike the location and | | |
| Compressed at other power driven or mechanical aquip | Type of equipment | 1 | kagar aking kip aide, stregmen ay redenggaparabasak | galar i Of Wills in relation to the recept plant pint | | |
| Power Stripping | Type of equipment and amount expended Power Stripping Note: Proof of actual cost mist be submitted: Names and addresses of owner or operator. | | | | | |
| Disinond to other core | within 30 days of recording Signed cole ring showing, foctage, diameter of core number and shallow of holes | topether with dates when drilling stripping done Wigns Sketch les arines in duplicati | | | | |
| Land Survey | Figure and address of Onterio (an I surveye) | Nit | erk i de agrice com pa agangera, asa - mai e e i deliga i | #g.1 | | |

OM 86-3-P-236

THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

| 1 Report On Diamond Drilling, Mistango. | → See Main Office File: LAVAL Tr. |
|---|---|
| | D.D.R. # 16 |
| to M-87-3, April/87 | Report of Work #32 for 1987 (Kenora |
| | , |
| 2) This report by Mistango to had the - | > Comparable logs found in Main |
| logs submitted for assessment credits. | Office File: SQUAW LAKE D.D.R. # 38 |
| The assessment submission did not include | 52 J/02 SE-0063-A1. |
| a summary report, assays or x-sections, | Report of Work \$52 for 1987 (Patricia. |
| os did this OMEP submission. Therefore | Mining Div.) |
| for the sake of file continuity, the logs | |
| have been left with the report and | |
| placed on file under the 63. series | |
| number written above. | |
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