



32D12SW0127 63.5492 GARRISON

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OM88-6-L-163

**REPORT ON THE
NEWFIELD PROPERTY
OF
T & H RESOURCES LTD.**

**CONSISTING OF
NINE PATENTED CLAIMS
(26435, 26436, 26437, 39428, 39429,
43702, 43703, 44331, 44332)**

**LOCATED IN
GARRISON TOWNSHIP
DISTRICT OF COCHRANE
NORTHEASTERN ONTARIO
CANADA**

**LATITUDE 48° 30' 58" NORTH
LONGITUDE 79° 57' 11" WEST**

**WITH
SPECIAL REFERENCE TO
DESIGNATED PERIOD FOR
OM 88-6-L-163**

BY

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NOVEMBER 4, 1988



32D12SW0127 63.5492 GARRISON

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Newfield Project
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Newfield Project
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Period (March 30 to December 31, 1988)

SUMMARY AND CONCLUSIONS

The Newfield property of T & H Resources Ltd., located in Garrison Township, District of Cochrane, northeastern Ontario consists of nine patented mineral claims. Highway 101 is located along the northern border of the claim group.

The Munro Fault Zone (M.F.Z.) traverses the property about one-half mile south of Highway 101. Geologically the M.F.Z. is composed of metamorphosed komatiitic ultramafic rocks and lies between mafic metavolcanic rocks to the north and sedimentary rocks to the south. The rocks within the M.F.Z. have been deformed by folding and shearing and injected by a variety of intrusive phases ranging from syenitic rock to biotite lamprophyres. All rocks are part of the Archean greenstone belt of the Abitibi Subprovince of the Superior Province of the Precambrian Shield.

During 1987, T & H Resources Ltd. undertook the first exploration work on the property since 1946. A total of 28 line miles (44.8 line kilometres) of survey grid were established. Magnetometer and VLF-EM surveys were conducted over these lines. From August 1987, 38 BQ diamond drill holes (N-87-1 to N-87-38) and to the end of September 1988, 98 BQ holes (N-88-39 to N-88-136) have been completed for a total of 136 holes or 132,593 feet of diamond drilling.

Results from the drill holes have indicated the presence of three gold mineralization zones which appear to be related to structural features within the Munro Fault Zone (M.F.Z.). Distribution of gold values to date suggests that a higher gold grade zone occurs generally within a lower gold grade halo such that the mining width will be defined by a grade cut-off value.

Three mineralized zones have been defined.

1. The J.P. zone has been followed for 600 feet along strike from section 29 West to 35 West. Drill indicated tonnage is outlined as follows:

0 - 600 feet vertical depth	354,000	tons
600 - 1,000 feet vertical depth	117,000	tons
1,000 - 2,000 feet vertical depth	317,500	tons
2,000 - 3,000 feet vertical depth	<u>400,000</u>	tons
Open to depth	1,188,500	tons

2. The R.P. zone to the east of the J.P. zone has been followed along strike for 200 feet from Section 22+50 West to 24+50 West. Further to the east to Section 18+00 West, a low gold grade band has been recognized and will be further tested. Drill indicated mineralization is outlined as follows:

0 - 600 feet vertical depth	55,000	tons
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3. The J.D. zone is to the west of the J.P. zone and has drill indicated mineralization to 600 feet vertical depth of 70,780 tons.

Combining the three zones, the drill indicated mineralization is outlined as follows:

J.P. Zone	1,188,500	tons at 0.231 opt gold over average width of 12 feet
R.P. Zone	55,000	tons at 0.238 opt gold over average width of 10 feet
J.D. Zone	<u>70,780</u>	tons at 0.220 opt gold over average width of 11.25 feet
	1,314,280	tons at 0.231 opt gold over average width of 11.9 feet

Further work is warranted to define the limits of the indicated gold deposit. Underground evaluation via shaft or decline is warranted to test continuity.

During the designation period of OM88-6-L-163 between March 30, 1988 and June 30, 1988, three drilling companies operated four diamond drills on the property; specifically, Norex Drilling Ltd., Box 88, Porcupine, Ontario P0N 1C0 operated a Boyles 35 diamond drill; Les Forages Philippon (Diamond Drilling) Inc., 829 Boulevard Quebec, Rouyn - Noranda Quebec, J9X 5C7 operated a Boyles 35 diamond drill and Bradley Bros Ltd., P.O. Box 485, Timmins, Ontario, P4N 7E7 operated a Longyear 44 and Boyles 35 diamond drill. During the above period,

Norex drilled holes N88-60, 65 to 69 inclusive and 88 and 89 (19,318 feet BQ); Philippon drilled holes N88-49 and N88-90 to 95 inclusive (10,055 feet BQ) while Bradley Bros. drilled holes N88-80 to 87 inclusive as well as N88-90 and N88-100 to 106 inclusive (24,606 feet BQ). Total footage of BQ drilled in the period March 30, 1988 to June 30, 1988 was 53,979 feet.

During the extension period for OM88-6-L-163 from July 1, 1988 to December 31, 1988, Norex Drilling Ltd. operated the Boyles 35 machine, drilled holes N88-89A, 96, 107 to 113 inclusive, 115-122 inclusive, 127-128 and 136 for a BQ footage of 13,795 feet, while Bradley Bros. operated the Longyear 44 and Boyles 35 drilled holes N88-97, 98, 98A, 99 Wedge, 114, 123 to 126 inclusive and 129 to 135 inclusive for a BQ footage of 12,600 feet. Total footage of BQ drilled in the period July 1 to September 30, 1988 was 26,395 feet.

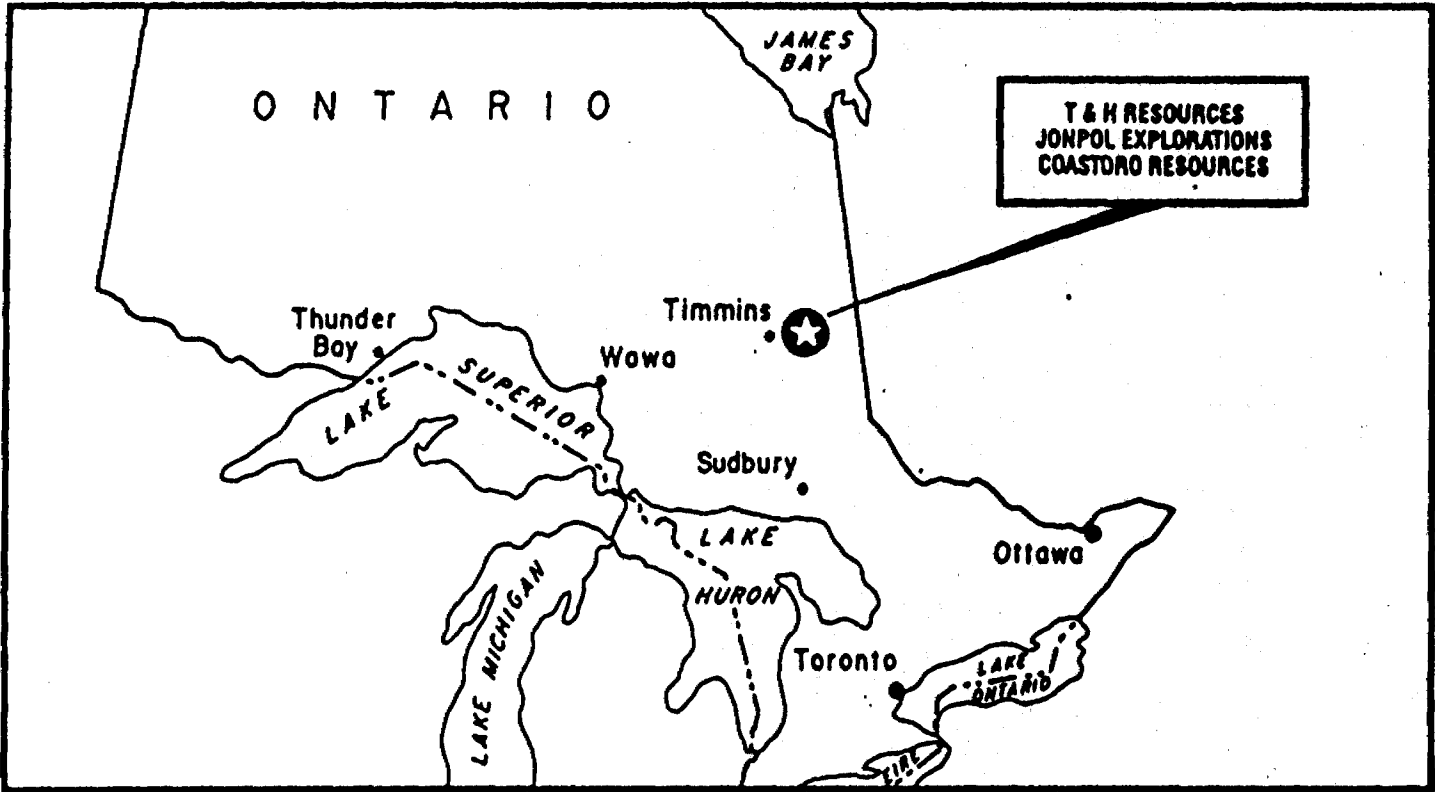
For the purposes of OM88-6-L-163, during the period of March 30, 1988 to September 30, 1988, the total BQ footage drilled by all contractors was 80,374 feet.

INTRODUCTION

This report has been written at the request of the directors of T & H Resources Ltd. of Toronto, Ontario. It describes the geology and results of a diamond drilling program conducted on the Newfield property in Garrison Township, northeastern Ontario. Special reference is made to the designated program period of March 30, 1988 to June 30, 1988, and extension to December 31, 1988 under OM-88-6-L-163.

LOCATION AND ACCESS

The T & H Resources Ltd. Newfield property is located along the Destor-Porcupine Fault Zone in Garrison Township, District of Cochrane, northeastern Ontario. The property is 40 kilometres (62 miles) east of Timmins, Ontario (Figure 1).



LOCATION MAP

T. & H. RESOURCES LTD.
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NEWFIELD PROJECT JOINT VENTURE
GARRISON TOWNSHIP
DISTRICT OF COCHRANE
NORTHEASTERN ONTARIO



FIGURE 1

Coordinates of the property are 48° 30' 58" North Latitude and 79° 57' 11" West Longitude, N.T.S. area is 32D/12.

Access is via Highway 101 as the property is immediately south of the Highway. Current access is a new gravel road constructed south of the highway, the length of which is 0.8 kilometres (0.5 miles) to the active drill area.

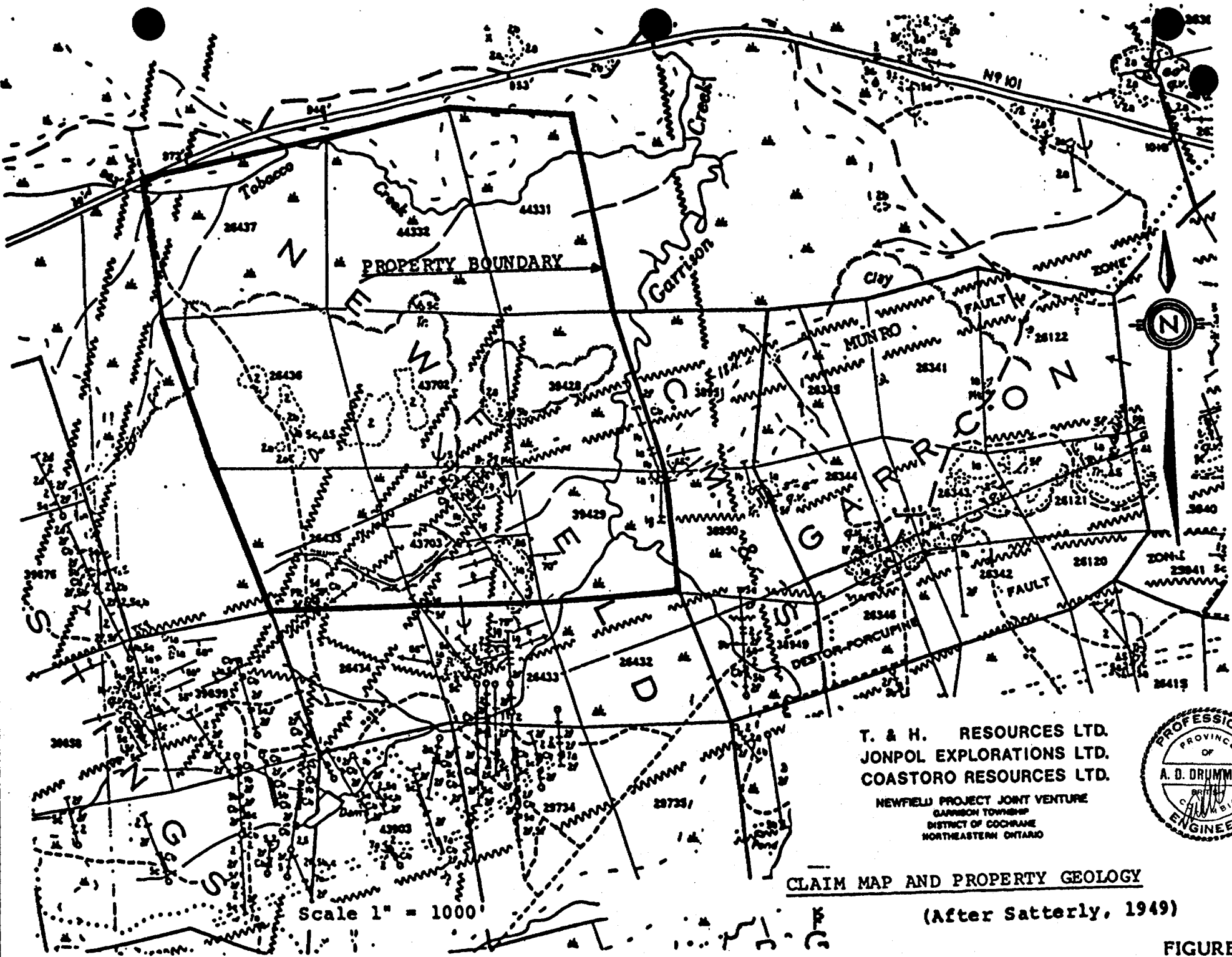
Topographically, the elevations on the property range from approximately 950 to 1,000 feet (289 to 305 metres) with swamp and covered areas between hummocks of clay rimmed outcrop. A sandy esker occurs on claim 44332 and is the site of the gravel access road from Highway 101.

PROPERTY AND TITLE

The property consists of nine (9) patented claims namely, surveyed claims numbered 26435, 26436, 26437, 39428, 39429, 43702, 43703, 44331 and 44332. This property is historically known as the Newfield property. The current property comprises only the northern nine claims of the original Newfield property which totalled 14 claims (see Figure 2).

HISTORY

According to Satterly (1949), Newfield Mines Ltd. was organized in 1946 to develop a group of 14 surveyed claims which company was controlled and financed by Dome Exploration (Canada) Ltd. until 1947. The property was then acquired by J. McDonnough. During 1946, 13,422 feet of AX(?) drilling in 20 holes was completed by Dome Exploration. These holes were located on the southern five claims of the original Newfield property and about one claim south of the current T & H Resources Ltd. property.



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CLAIM MAP AND PROPERTY GEOLOGY

(After Satterly, 1949)

FIGURE 2

In 1946, Wright-Hargreaves Mines Ltd. which controlled the claims to the south and west of the original Newfield property drilled four AX(?) holes (2,742) feet on claims 39428, 39429 and 43703. These are part of the current T & H Resources Ltd. property. Two of these holes intersected altered ultramafic flows and indicated a reasonable position for the Munro fault structure.

REGIONAL GEOLOGY

The general geological setting for the Newfield property is taken from Satterly (1949) (see accompanying Figure 2). The main structural feature of the property is the Munro Fault which traverses claims 26435, 43702, 43703, 39428 and possibly 39429 at an attitude of about 070° (N70°E). Further to the west, this fault is referred to as the Pipestone Fault.

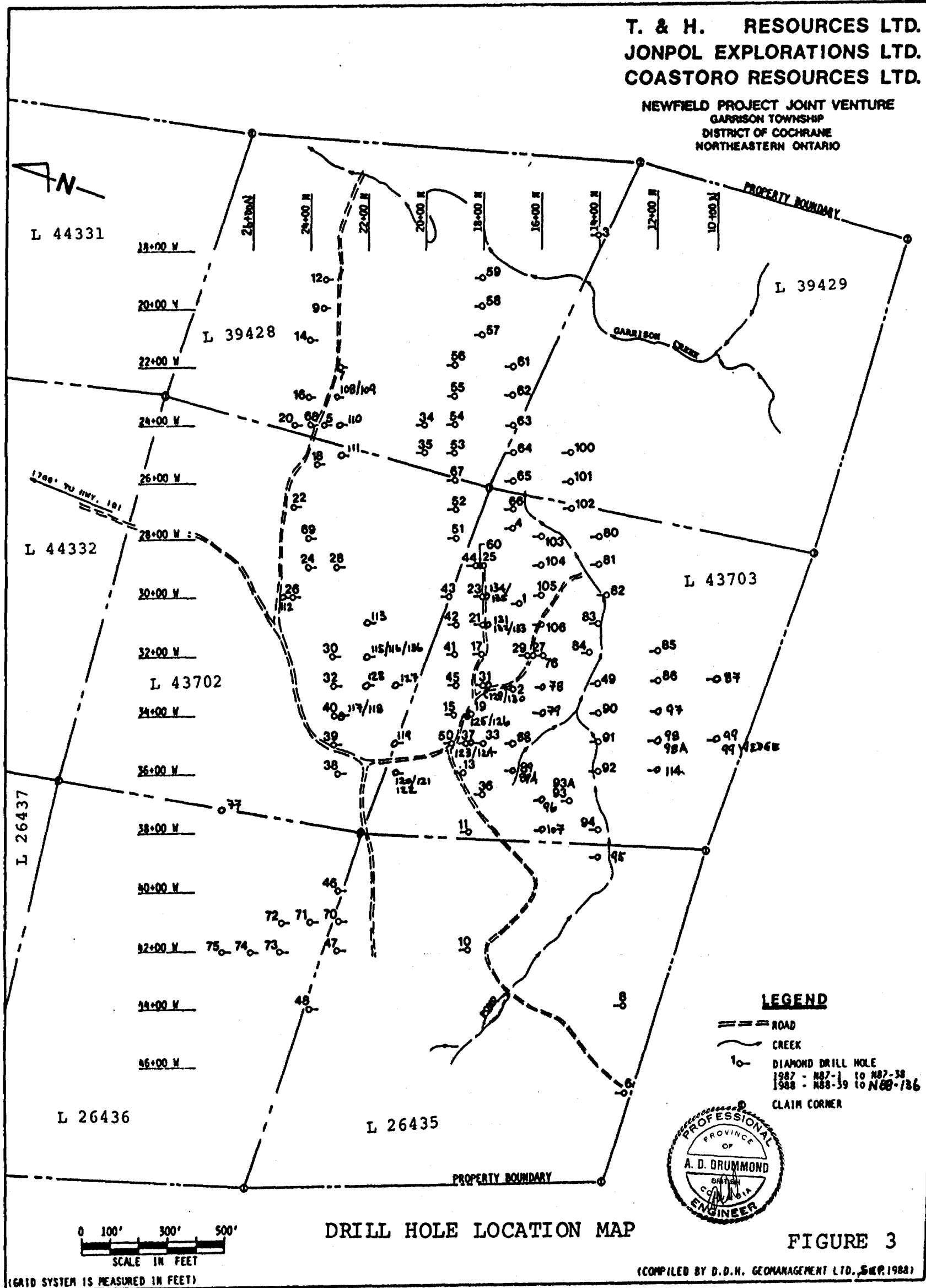
To the north of Munro structure are metavolcanic tholeiite flow rocks with typical flow margin breccias and pillowed flows. Hyaloclastite is not common between flow units. These metavolcanic rocks have been assigned to the Stoughton-Roquemont Group of the Upper Supergroup on the Lithostratigraphic Map of the Abitibi Subprovince (MERQ-OGS, Map 2848) while Jensen (1986) assigned these rocks to the marginal facies of the Hunter Mine Group of the Lower Supergroup. The Hunter Mine Group in the Lake Abitibi region has been dated at 2710 ± 2 million years (Jensen, 1986, p. 77).

PROPERTY GEOLOGY

Geologically, that portion of the property investigated by drilling, as shown on the drill hole location map (Figure 3), can be subdivided into three distinct units: (1) to the north of the Munro Fault, there are generally non-schistose metavolcanic tholeiite pillows and flows; (2) to the south of the Munro Fault, there are generally non-sheared, fine-grained, grey-green to pinkish red sandstone type sedimentary rocks referred to in the literature as respectively greywacke or arkose depending on the colour and (3) within the central Munro Fault, there are a sequence of

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DRILL HOLE LOCATION MAP

FIGURE 3

(COMPILED BY D.D.H. GEOMANAGEMENT LTD., SEP. 1988)

schistose metamorphosed ultramafic flows that have been largely folded, contorted and sheared. Into the latter fault zone occur, a variety of quartz syenite dykes both porphyritic and non-porphyritic, dark basic basaltic dykes, biotite lamprophyres and a relatively fresh quartz diabase(?). Each unit will be discussed below (see accompanying illustrative plans and cross-section 32+00W, Figures 4 and 5).

The north unit is characterized by a sequence of pale green to dark green, non-magnetic chloritized basaltic flows with a tholeiitic composition. At the contact with the Munro Fault, the flows may be brecciated or be the site of black graphitic argillite (sheared) with patches of sedimentary pyrite. Within this volcanic unit, near the contact, the flows may be altered to a grey, carbonate rich, silicified, sericite bearing rock in which locally arsenopyrite crystals up to 1-2 millimetre may occur in juxtaposition to pyrite cubes. Deformation fabric in these rocks is minimal.

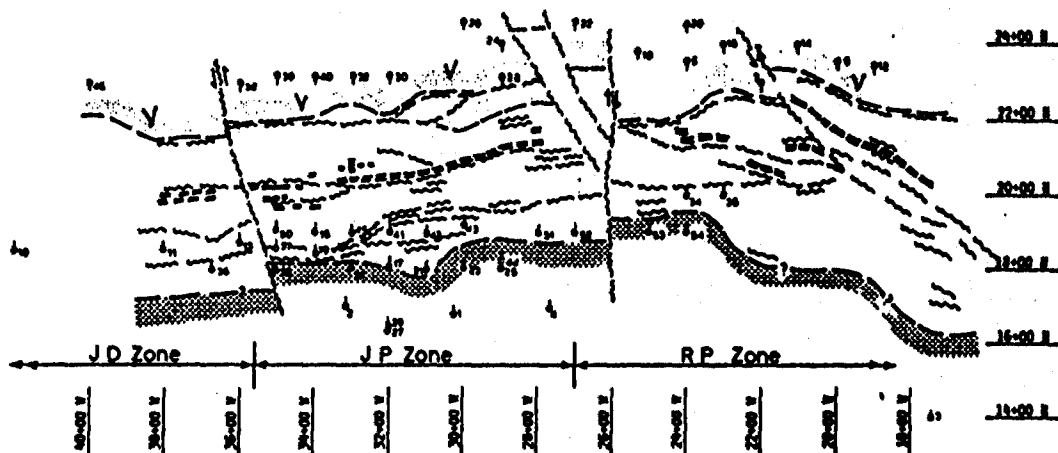
The south unit is comprised of fine-grained (0.01 to 0.02 millimetre) quartzofeldspathic sandstone with wisps to laminated bands of siltstone (argillaceous) with only minor recognizable clasts or evidence of graded bedding. In the literature the rock is a greywacke if the colour is grey or grey-green and an arkose if the colour is pinkish, reddish, red-green or yellow. There appears to be a marked coincidence of the pink-red colouration with the presence of finely disseminated specularite (hematite), consequently, the red-pink colouration may be only a hematite stain. Where the pink sedimentary rock has been sericitized, especially in halos adjacent to veinlets, the iron of the hematite has been sulphidized to pyrite. The contact of the sedimentary rocks with the Munro Fault is sheared and irregular in that panels of non-schistose sedimentary rocks are caught up in the fault movement.

The central unit is essentially the Munro Fault structure in which metamorphosed ultramafic rocks have been changed mineralogically into a number of differing schist types. Spinifex texture is considered to be a feature of ultramafic komatiitic flows (Arndt, Naldrett and Pyke, 1977 and Pyke, Naldrett and Eckstrand, 1973). Spinifex textures are not uncommon within this central unit and

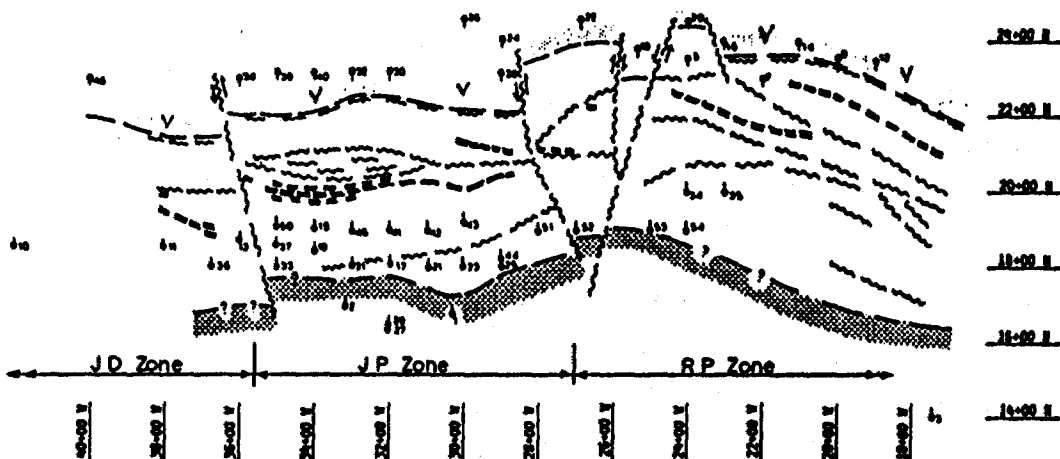
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ILLUSTRATIVE GEOLOGICAL PLANS



PLAN OF 800 FOOT ELEVATION
 (VERTICAL DEPTH APPROX. 200')



PLAN OF 500 FOOT ELEVATION
 (VERTICAL DEPTH APPROX. 500')

LEGEND

- | | | |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <p>SEDIMENTARY ROCKS</p> <p> "GREYNACK" AND "ARCADE"</p> | <p>KOMATIITIC METAVOLCANIC PLINGS</p> <p> TALC-CALCITE-CARBONATE-QUARTZ SCHIST AND VERTICALLY AND THINLY STRATIFIED AS WELL AS HORizontally STRATIFIED OR TYPICAL FACIES: STRIPED TEXTURE IS COMMON.</p> <p> SILICA-BERICITIC-CARBONATE-QUARTZ MINERALIZED MORTONS.</p> | <p>DIABOLITIC METAVOLCANIC PLINGS</p> <p> FINE GRAINED CHLORITIZED FLOWS AND PALE GREEN - NON FOLIATED</p> |
| <p> GEOLOGICAL CONTACT</p> <p> GEOLOGICAL CONTACT, INFERRED</p> | <p> FAULT</p> | <p> PROFESSIONAL ENGINEER A. D. DRUMMOND</p> |

0 200' 400'
 SCALE IN FEET

(GRID SYSTEM IS MEASURED IN FEET)



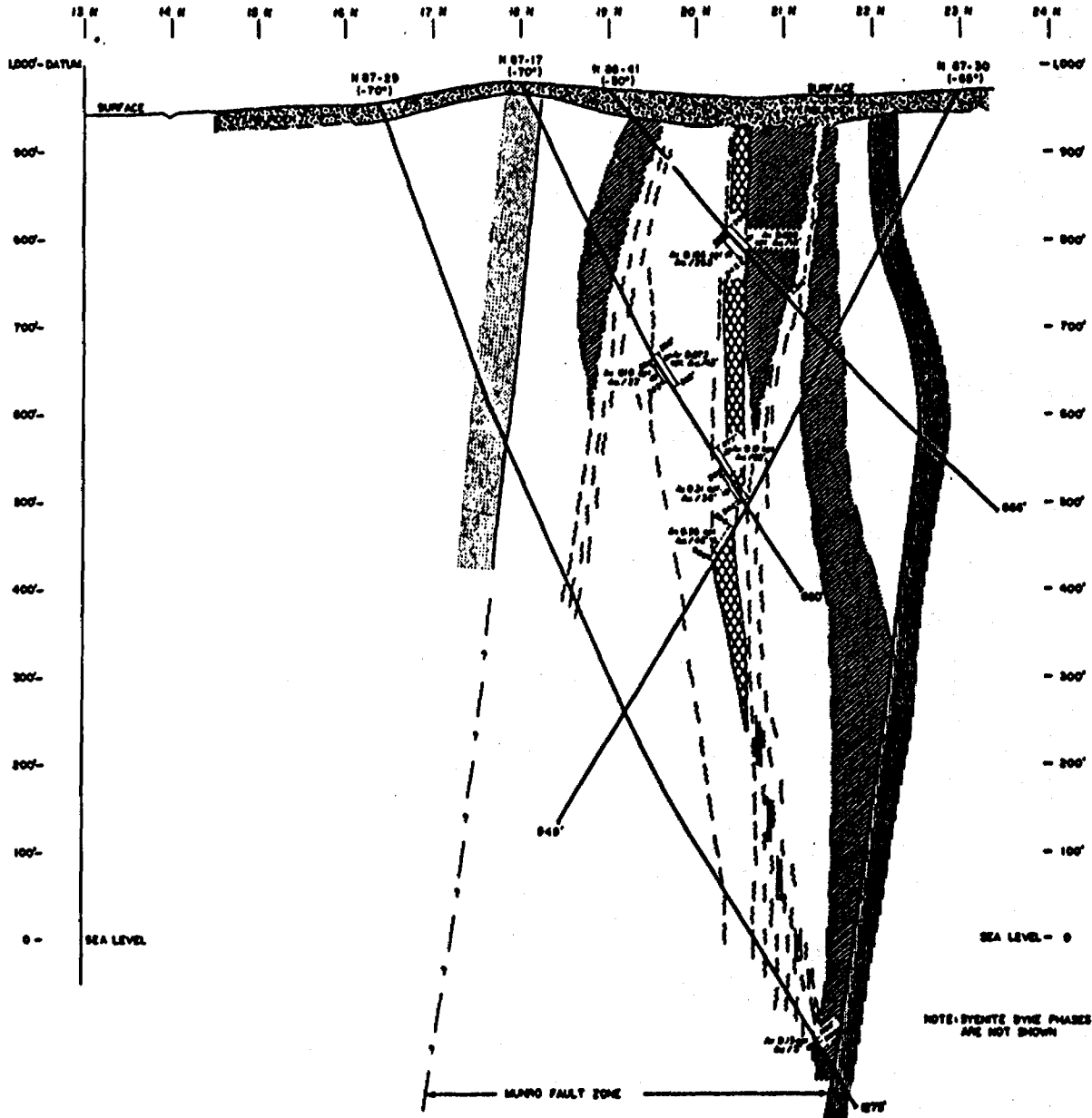
PLANNING ONLY (NOT FOR CONSTRUCTION)
 100-30 TO 100-30 MILLING

FIGURE 4

(COMPILED BY D.S.H. GEOMANAGEMENT LTD., FEB. 1990)

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ILLUSTRATIVE CROSS SECTION THROUGH 32+00 WEST
 (LOOKING WEST)



LEGEND

MEMBRANOUS ROCKS
 "BRECCIA" AND
 "MUDSTONE"

SEDIMENTARY METAMORPHIC PLUGS
 TALC-CHLORITE-CARBONATE-QUARTZ MICHIGAN
 AND VARIATIONS THEREOF; MASSIVE,
 FOLIATED, AND SLITTED; PLATONIC;
 SPINDLE TEXTURE IS COMMON.

SEDIMENTARY METAMORPHIC PLUGS
 FINE GRAINED CHLORITIZED PLUGS
 WITH DARK MASSES - MASSIVE
 AND FINE GRAINED - MASSIVE

DIAGENETIC (EPIDOTE) - QUARTZ -
 CARBONATE MICHIGAN AND STIPPLED
 TEXTURE; TALC AND STIPPLED
 MICHIGAN; TALC AND STIPPLED
 MICHIGAN; SPINDLE TEXTURE IS
 COMMON.

SILICA-EPIDOTE-CARBONATE-QUARTZ
 ROCK WITH CALS MINERALIZATION.

— BIOLOGICAL CONTACT
 - - - BIOLOGICAL CONTACT, IMPERFECT
 - - - SILICATE ALTERATION CONTACT

----- FAULT

N 87-30 DIAPHRAGM HOLE NUMBER -
 U.S. ONE SIZE
 (-85°) INCLINATION OF HOLE AT SURFACE

100' 200'
 SCALE IN FEET

SEE GEOLOGICAL PLANS FOR LOCATION OF SECTION 32-00W

SEE HISTOGRAM OF GOLD MINERALIZED INTERCEPTS FOR N 87-17,
 N 87-30 AND N 88-01.



FIGURE 5

are found in less deformed portions of chlorite minor talc-carbonate-quartz schist, dull green talc-chlorite-carbonate-quartz schist, dark green chlorite-carbonate-talc-quartz (soapstone type) schist and mariposite-carbonate-quartz schist with minor amounts of either chlorite or talc or both. Suspected isoclinal folding and dislocations along fold axes have produced a structurally and mineralogically complex sequence of the original ultramafic flows. To complicate the geological setting within the Munro Fault structure, a suite of probably genetically related quartz-syenite dykes have intruded the Munro Fault. These dykes lie within the schist foliation and consequently crosscutting relationships are not seen in core. There are some dykes(?) which are foliated and locally laminated in kink or drag folds that conform to the deformation in the enclosing schists. These feldspathic and quartzofeldspathic rocks may be deformed inter-ultramafic flow sedimentary units. In addition to the above intrusive rocks, there are undeformed sections of olivine peridotite with olivine clusters up to 2-5 cms across in a rock with 20%, 2-3 mm olivine crystals. These peridotitic rocks may be undeformed portions of the original ultramafic flows or they may be intrusive features. Deformation within the Munro Fault has continued for some two billion years and at some date, the Munro Fault was the site of additional intrusions of biotite lamprophyre, quartz diabase and later tholeiitic and calc-alkaline feeder dykes.

Gold mineralization occurs within the central unit of the Munro Fault structure in an altered, pyritic, silicified, sericitized, carbonate rock with a strong deformation fabric. This has a distinct grey to tan colour. Two stages of pyritization have been observed; the first occurs as coarse (1-2 mm) euhedral crystals which are barren and which appear younger. The second stage is as fine disseminated crystals which locally comprise 2% to 30% of the rock and which are associated with significant gold values. Fine euhedral arsenopyrite crystals (up to 5%) frequently occur within the gold mineralized horizon but the ratio of gold mineralization to arsenopyrite is not consistent. Native gold has been observed as fine grains within short, narrow, late-stage quartz veinlets or segregations.

The gold mineralization has been drill tested along a strike length of 1,000 feet (see Figure 4) and has been traced over a strike length of almost 2,000 feet. It has been intersected across true widths of up to 25 feet (see Hole N-87-30, Figure 5).

Assay results show a higher grade core zone with lower grade "shoulders" on either side as noted on the accompanying histograms (Figures 6, 7, 8). These suggest that the mining width of the zone would be defined by a grade cut-off boundary.

T & H Resources Ltd. has released drill assay results which are outlined in the Drill Hole Summary below. The relative location of the drill hole intercepts are shown by comparing the individual Drill Hole Sections, a copy of which is appended (Appendix A). A copy of drill logs for those holes completed during the OMEP designated period are also appended (Appendix B).

DRILL HOLE SUMMARY

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Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-87-1	16+73 N; 30+22 W	340	-50	296	Lost hole.
N-87-2	16+92 N; 33+17 W	340	-50	847	Mineralized zone 0.14 opt gold over 50' from 478'-528' includes 0.21 opt gold over 24' from 504'-528', includes 0.19 opt gold over 7' from 478'-485'.
N-87-3	14+00 N; 17+50 W	340	-50	1167	Mineralized zone .05 opt gold over 25' from 863'-893'.
N-87-4	17+00 N; 27+67 W	340	-50	860	No significant zone.
N-87-5	23+50 N; 24+00 W	160	-50	814	Mineralized zone 0.07 opt gold over 111' from 245'-356' includes 0.12 opt gold over 43' from 245'-288' and 0.10 opt gold over 12' from 309'-321' and 0.30 opt gold over 11' from 245'-256' and 0.56 gold over 5' from 251'-256'.
N-87-6	13+00 N; 47+00 W	340	-50	1083	No significant assays.

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DRILL HOLE
 N 87-17

HISTOGRAM OF GOLD
 MINERALIZED INTERCEPT

SECTION 32+00W

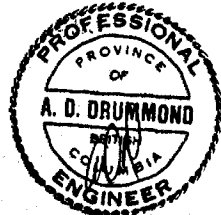
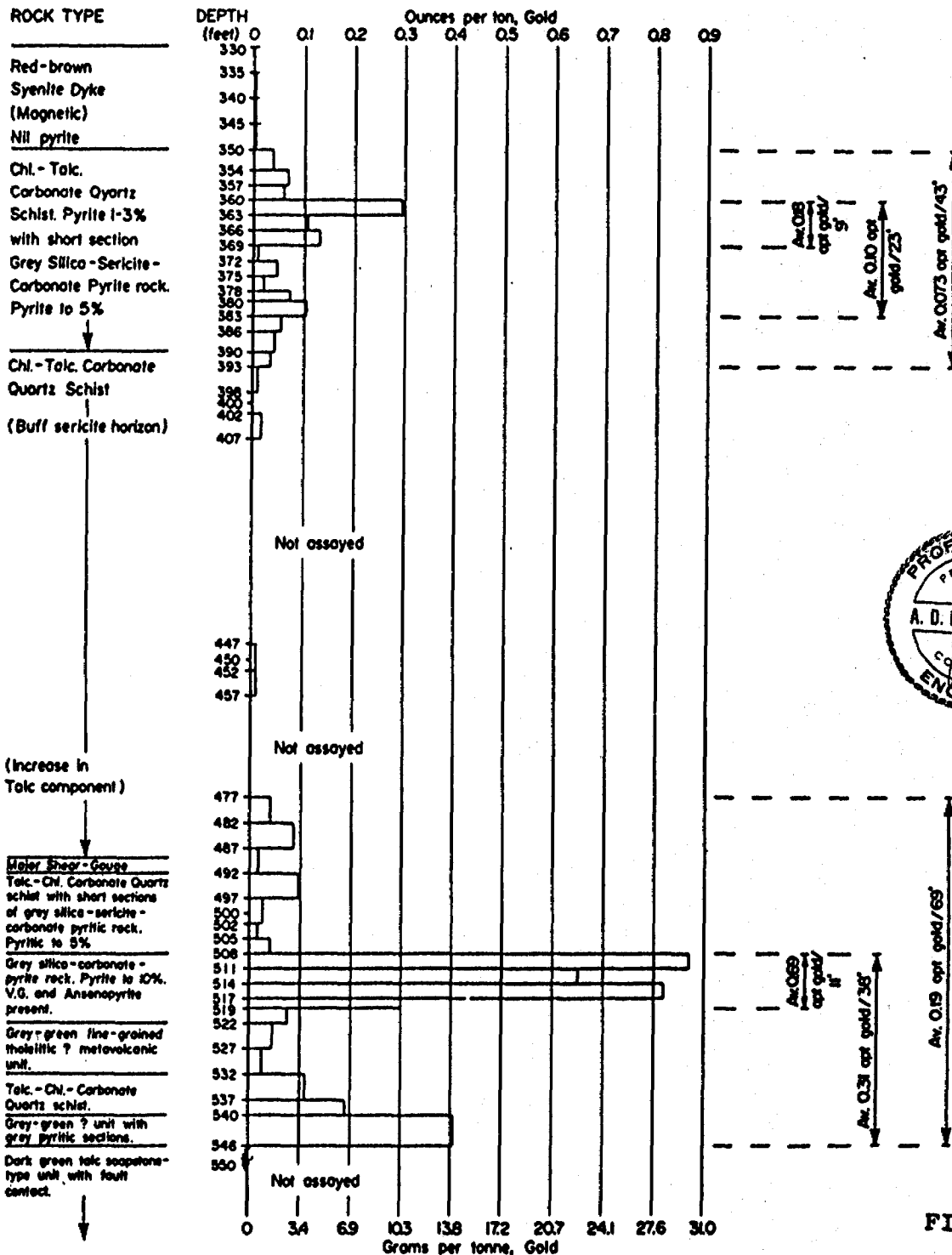


FIGURE 6

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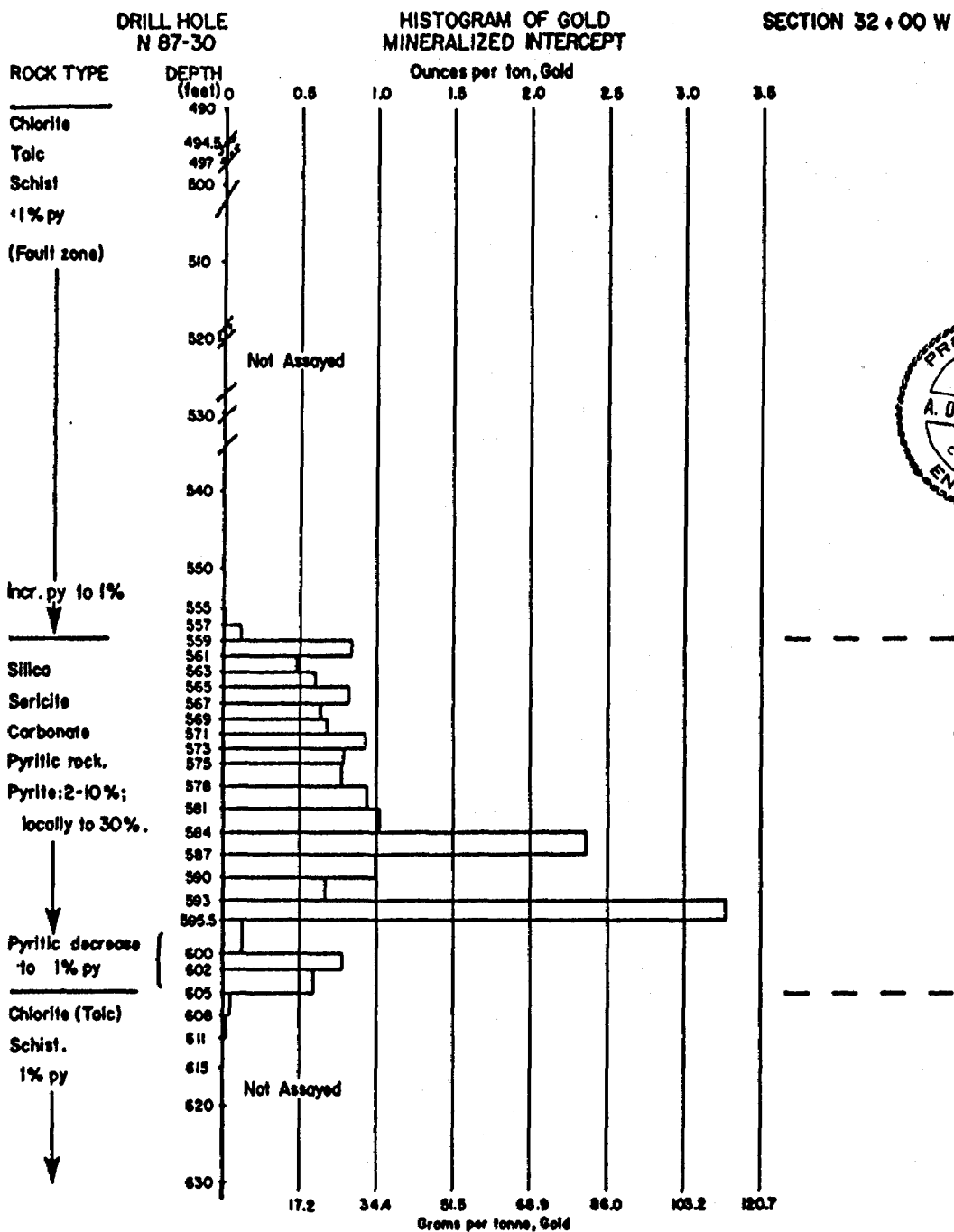


Figure 7

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DRILL HOLE
 N 88-41

HISTOGRAM OF GOLD
 MINERALIZED INTERCEPT

SECTION 32 + 00 W

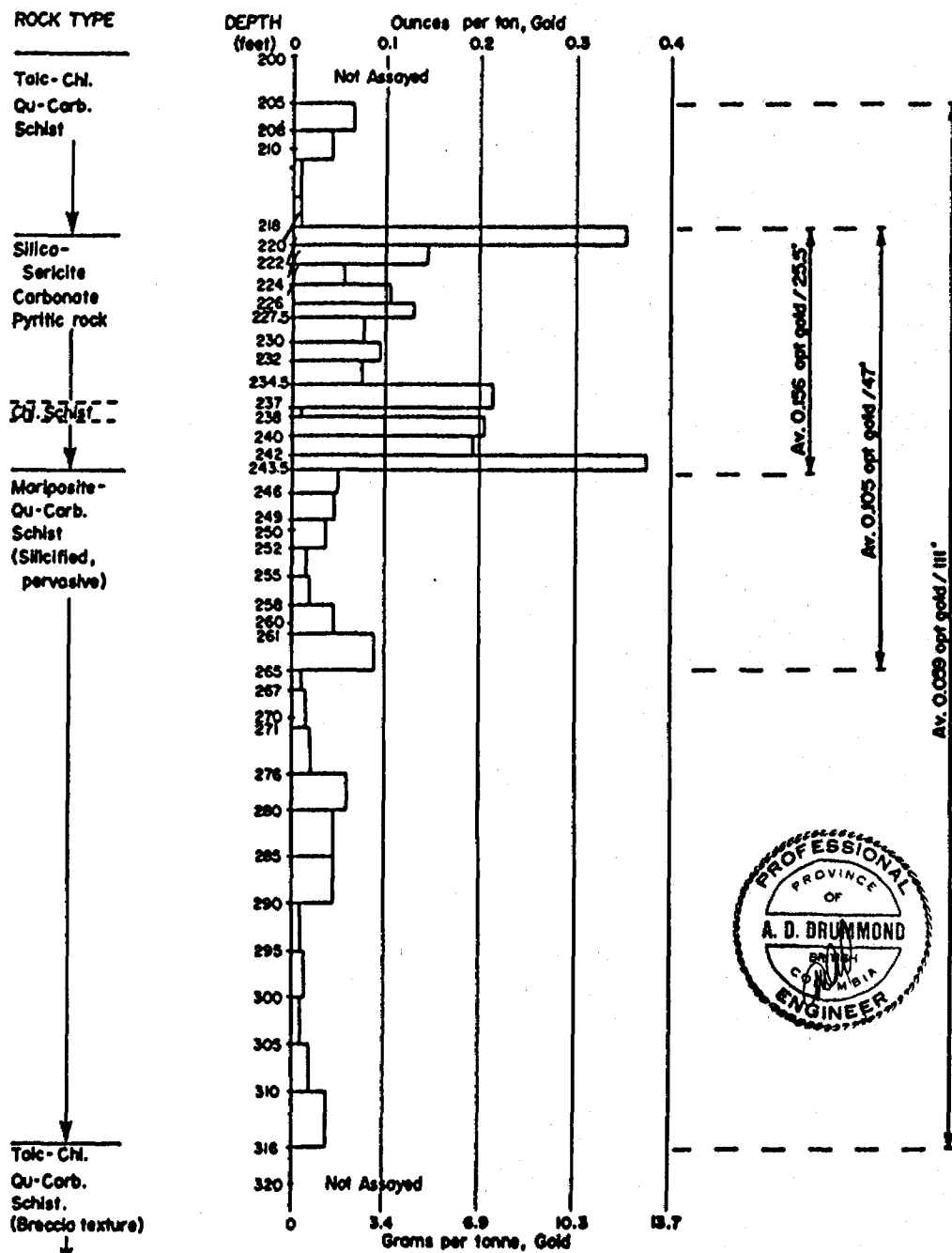


Figure 8

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-87-7	23+00 N; 22+00 W	160	-50	1057	Mineralized zone 0.041 opt gold over 18' from 306'-324' includes 0.08 opt gold from 7' from 311'-318' and 0.105 opt gold over 3' from 311'-314' and a syenite dyke with 0.050 opt gold over 14.5' from 743'-757.5'.
N-87-8	13+04 N; 44+00 W	340	-50	1015	No significant assays.
N-87-9	23+50 N; 20+00 W	160	-50	1027	Mineralized zone 0.035 opt gold over 11' from 275'-286'.
N-87-10	18+50 N; 42+00 W	340	-50	315	Abandoned due to caving.
N-87-11	18+55 N; 38+00 W	340	-50	707	Mineralized zone 0.031 opt gold over 18.5' from 239'-257.5' includes 1' .036 opt.
N-87-12	23+50 N; 19+00 W	160	-50	1017	No significant assays.
N-87-13	18+70 N; 36+00 W	340	-50	637	No significant assays.
N-87-14	24+00 N; 21+00 W	160	-50	636	Mineralized zone 0.046 opt gold over 21' from 251'-272' and 0.049 opt gold over 27' from 426'-453'.
N-87-15	19+25 N; 34+00 W	340	-50	587	Mineralized zone 0.03 opt gold over 23' from 64'-87' includes 0.043 opt gold over 17' from 70'-87', as well as 0.031 opt gold over 7' from 174'-181'.
N-87-16	24+00 N; 23+00 W	160	-50	587	Mineralized zone 0.156 opt gold over 11.5' from 382'-393.5'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-87-17	18+00 N; 32+00 W	340	-50	667	Mineralized zone 0.077 opt gold over 39' from 354'-393', 0.13 opt gold over 15' from 354'-366' includes 0.20 opt gold over 6' from 360'-366', 0.20 opt gold over 64' from 482'-546' includes 0.31 opt gold over 38' from 508'-546' includes 0.69 opt gold over 11' from 508'-519' includes 0.78 opt gold over 9' from 508'-517' or Total Assays from Zone - 0.073 opt gold over 43' from 350'-393', 0.017 opt gold over 89' from 393'-482', 0.20 opt gold over 64' from 482'-546' in a zone 0.089 opt gold over 196' from 350'-546'.
N-87-18	23+75 N; 25+28 W	160	-50	614	Lost hole due to caving.
N-87-19	18+50 N; 34+00 W	340	-70	818	0.244 opt gold over 13' from 293'-306' as well as 0.32 opt gold over 2' from 407'-409' or 0.182 opt gold over 5' from 407'-412' or 0.077 opt gold over 15' from 402'-417' as well as 0.075 opt gold over 10' from 363'-373' and 0.05 opt gold over 15' from 406'-475' within 0.034 opt gold over 117' from 358'-475'.
N-87-20	24+50 N; 24+00 W	160	-70	1027	No significant assays.
N-87-21	18+20 N; 31+00 W	340	-70	1066	0.11 opt gold over 3' from 721'-724' or 0.07 opt gold over 6' from 718'-724' or 0.037 opt gold over 18' from 706'-724' and 0.029 gold over 10' from 566'-576' and 0.029 opt gold over 6' from 601'-607'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-87-22	24+50 N; 27+00 W	160	-52	926	0.05 opt gold over 10' from 487'-497'.
N-87-23	18+00 N; 30+00 W	340	-70	983	0.575 opt gold over 4' from 722'-726' or 0.19 opt gold over 14' from 712'-726' or 0.17 opt gold over 17' from 709'-726' or 0.035 opt gold over 135' from 596'-731'.
N-87-24	24+00 N; 29+00 W	160	-50	137	Abandoned in overburden.
N-87-25	18+34 N; 29+00 W	340	-70	946	0.12 opt gold over 7' from 697'-704' and 0.065 opt gold over 15' from 861'-876' or 0.04 opt gold over 33' from 861'-894'.
N-87-26	24+50 N; 30+00 W	160	-52	889	0.97 opt gold over 2.5' from 586.5'-589' or 0.36 opt gold over 9' from 583'-592' or 0.26 opt gold over 17' from 583'-600' or 0.20 opt gold over 23' from 583'-606' or 0.175 opt gold over 27' from 579'-606'.
N-87-27	16+40 N; 32+00 W	340	-78	545	Abandoned, angle too steep.
N-87-28	22+40 N; 29+00 W	160	-50	115	Abandoned in overburden.
N-87-29	16+40 N; 32+00 W	340	-70	1275	0.13 opt gold over 5' from 1185'-1190.
N-87-30	23+00 N; 32+00 W	160	-65	949	Uncut - Cut to 1 oz. 1.61 - 0.93 opt gold over 14.5' from 581'-595.5', or 1.30 - 0.90 opt gold over 24.5' from 571'-595.5', or 1.09 - 0.82 opt gold over 36.5' from 559'-595.5', or 0.95 - 0.74 opt gold over 46' from 559'-605'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-87-31	18+10 N; 33+08 W	340	-75	1066	0.068 opt gold over 26' from 562'-588' and 0.067 opt gold over 10' from 610'-620' within 0.043 opt gold over 58' from 562'-620'.
N-87-32	23+00 N; 33+00 W	160	-65	1150	0.31 opt gold over 11.5' from 644.5'-656' or 0.10 opt gold over 53' from 635'-688' and 0.25 opt over 7' from 569'-576' or 0.20 opt gold over 18' from 558'-576' or 0.12 opt gold over 35' from 558'-593'.
N-87-33	18+00 N; 35+00 W	340	-70	106	Abandoned in fault zone.
N-87-34	19+90 N; 24+00 W	340	-50	130	Abandoned in overburden.
N-87-34A	20+00 N; 24+00 W	340	-50	138	Abandoned in overburden.
N-87-35	19+90 N; 25+00 W	340	-65	106	Abandoned in overburden.
N-87-35A	20+00 N; 25+00 W	340	-65	122	Abandoned in overburden.
N-87-36	18+05 N; 33+77 W	340	-75	686	0.079 opt gold over 15' from 432'-447' and 0.047 opt gold over 25' from 533'-558'.
N-87-37	18+65 N; 35+00 W	340	-75	1080	1.05 opt gold over 7' from 359'-366' as well as 0.28 opt gold over 5.5' from 524'-529.5' and 0.23 opt gold over 6.0' from 567'-513' within 0.073 opt gold over 120' from 409.5'-529.5'.
N-87-38	23+00 N; 36+00 W	160	-65	1096	No significant assays.
N-87-38A	23+00 N; 36+00 W	160	-60	33	Casing shoe broke at bedrock.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-39	23+00 N; 35+00 W	160	-62	1094	.20 opt gold over 7' from 557'-564' as well as .163 opt gold over 8.5' from 533.5'-542' or .134 opt gold over 30.5' from 533.5'-564' within a zone of 0.07 opt gold over 84.5' from 528.5'-613'.
N-88-40	23+00 N; 33+90 W	160	-65	1116	0.30 opt gold over 14.5' from 891'-905.5' or 0.13 opt gold over 39' from 891'-930'.
N-88-41	19+00 N; 33+00 W	340	-50	666	0.25 opt gold over 5.5' from 238'-243.5' as well as 0.16 opt gold over 9.5' from 218'-227.5' within a zone of 0.156 opt gold over 25.5' from 218'-243.5' within a zone of 0.059 opt gold over 111' from 205'-316'.
N-88-42	19+00 N; 31+00 W	340	-50	666	0.23 opt gold over 7.5' from 255'-362.5' or 0.17 opt over 14' from 255'-269'.
N-88-43	19+00 N; 30+00 W	336	-50	546	0.12 opt gold over 6' from 233'-239'.
N-88-44	18+50 N; 29+00 W	340	-50	606	0.45 opt gold over 2' from 394'-396' or 0.25 opt gold over 4' from 392'-396' or 0.08 opt gold over 30' from 366'-396'.
N-88-45	19+00 N; 33+00 W	340	-50	716	0.138 opt gold over 6' from 59'-65' 0.048 opt gold over 47' from 29'-76'.
N-88-46	23+00 N; 40+00 W	160	-52	1600	No significant assays.
N-88-47	23+00 N; 42+00 W	160	-62.5	2032	0.336 opt gold over 50' from 128'-178'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-48	24+00 N; 44+00 W	160	-60	1656	0.083 opt gold over 4' from 331'-335'.
N-88-49	14+00 N; 33+00 W	340	-60	1501	0.206 opt gold over 43' from 953'-996' within which has 0.440 opt gold over 18' from 978'-996'.
N-88-50	19+12 N; 35+00 W	340	-55	566	0.36 opt gold over 4.5' from 195'-199.5' in 0.158 opt gold over 12' from 190'-202' as well as 0.13 opt gold over 9' from 96'-105' in 0.06 opt gold over 27' from 78'-105' as well as 0.074 opt gold over 9.5' from 135.5'-145'.
N-88-51	19+00 N; 27+90 W	340	-50	759	0.354 opt gold over 5' from 398'-403' and 0.163 opt gold over 10' from 350'-360' in a zone of 0.082 opt gold over 60' from 343'-403'.
N-88-52	19+00 N; 27+00 W	340	-50.5	874	0.12 opt gold over 5' from 304'-309' or 0.09 opt gold over 8' from 304'-312'.
N-88-53	19+00 N; 25+00 W	340	-60.5	846	0.05 opt gold over 10' from 606'-616'.
N-88-54	19+00 N; 24+00 W	340	-60	806	0.47 opt gold over 7' from 528'-535' or 0.24 opt gold over 14' from 521'-535'.
N-88-55	19+00 N; 23+00 W	340	-60	926	0.43 opt gold over 12' from 326'-338' or 0.34 opt gold over 34' from 326'-360' or 0.237 opt gold over 51' from 326'-377'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-56	19+00 N; 22+00 W	340	-60	926	0.41 opt gold over 10.5' from 356'-366.5' 0.048 opt gold over 33' from 388'-421' 0.143 opt gold over 2' from 448'-450' 0.039 opt gold over 27' from 469'-496' 0.039 opt gold over 13' from 788'-801' 0.054 opt gold over 6' from 810'-816'.
N-88-57	18+00 N; 21+00 W	340	-60	1166	0.062 opt gold over 4' from 342'-346' 0.052 opt gold over 12' from 991'-1033'.
N-88-58	18+00 N; 24+00 W	340	-60	1066	0.135 opt gold over 2' from 993'-995' or 0.05 opt gold over 7' from 988'-995'.
N-88-59	18+00 N; 19+00 W	340	-60	301	No assays - abandoned.
N-88-60	18+35 N; 29+00 W	340	-60	946	No significant assays.
N-88-61	17+00 N; 22+00 W	340	-60	1198	0.054 opt gold over 10' from 830'-840' 0.033 opt gold over 5' from 1165'-1170'.
N-88-62	17+00 N; 23+00 W	340	-60	1454	0.027 opt gold over 14' from 834'-848' 0.041 opt gold over 26' from 1020'-1046' 0.172 opt gold over 3' from 775'-778'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-63	17+00 N; 24+00 W	340	-60	626	0.035 opt gold over 5' from 556'-561' 0.036 opt gold over 8' from 595'-603' Hole abandoned 626' because of squeezing.
N-88-64	16+90 N; 25+00 W	340	-60	716	No significant assays - abandoned due to caving.
N-88-65	17+00 N; 26+00 W	340	-60	1276	0.054 opt gold over 59' from 941'-1000' including 0.073 opt gold over 27.5' from 972.5'-1000' or 0.10 opt gold over 9.5' from 972.5' to 962'.
N-88-66	17+00 N; 27+00 W	340	-60	1136	0.056 opt gold over 11' from 929'-940'.
N-88-67	19+00 N; 26+00 W	340	-60	886	0.034 opt gold over 7' from 393'-400'.
N-88-68	24+00 N; 24+00 W	160	-60	1036	0.36 opt gold over 2' from 373'-375 or 0.12 opt gold over 7' from 373'-380'.
N-88-69	24+00 N; 28+00 W	160	-60	756	1.19 opt gold over 7' from 472'-479' or 0.63 opt gold over 14' from 472'-486' in zone of 0.21 opt gold over 49' from 472'-521'.
N-88-70	23+00 N; 41+00 W	160	-60	724	No significant assays.
N-88-71	24+00 N; 41+00 W	160	-60	1418	No significant assays.
N-88-72	25+00 N; 41+00 W	160	-60	866	0.22 opt gold over 5' from 503'-508' or 0.16 opt gold over 8' from 503'-511' or 0.071 opt gold over 33' from 503'-536' or 0.065 opt gold over 36' from 503'-539' and 0.071 opt gold over 9' from 539'-548' all within a zone of 0.066 opt gold over 45' from 503'-548'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-73	25+00 N; 42+00 W	160	-60	996	0.15 opt gold over 4' from 581'-585' within 0.063 opt gold over 15' from 581'-596' and 0.027 opt gold over 50' from 856'-906'.
N-88-74	26+00 N; 42+00 W	160	-60	1054	0.14 opt gold over 44' uncut from 694'-738' or 0.08 opt gold over 44' (uncut) over same distance and 0.040 opt gold over 26' from 50'-76'.
N-88-75	27+00 N; 42+00 W	160	-60	1796	0.027 opt gold over 14' from 212'-226 (not in main zone).
N-88-76	16+00 N; 32+00 W	340	-60	1006	0.05 opt gold over 24' from 711'-735' or 0.042 opt gold over 34' from 701'-735' within a zone of 0.033 opt gold over 49' from 686'-735'.
N-88-77	26+94 N; 37+25 W	-	-90	2046	This hole done to test rock type and strength in possible shaft area.
N-88-78	16+00 N; 33+00 W	340	-60	996	0.456 opt gold over 3' from 723'- and 0.05 opt gold over 9' from 876'-885'.
N-88-79	16+00 N; 34+00 W	340	-60	1076	0.08 opt gold over 42.5' from 680'-722.5' within a zone of 0.061 opt gold over 62.5' from 660'-722.5'.
N-88-80	14+00 N; 28+00 W	340	-60	1325	0.03 opt gold over 15' from 985'-1000'.
N-88-81	14+00 N; 29+00 W	340	-60	1358	No significant assays.
N-88-82	13+30 N; 30+00 W	340	-60	1532	0.033 opt gold over 9' from 1094'-1103' and 0.040 opt gold over 10' from 1220'-1230'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-83	14+00 N; 31+00 W	340	-60	1453	0.033 opt gold over 45' from 1030'-1075'.
N-88-84	14+50 N; 32+00 W	340	-60	1522	No significant zone.
N-88-85	12+00 N; 32+00 W	340	-60	1729	0.02 opt gold over 13' from 1192'-1205' and 0.02 opt gold over 10' 1532'-1542'.
N-88-86	12+00 N; 33+00 W	340	-60	1663	0.17 opt gold over 9' from 1310'-1319' or 0.12 opt gold over 14' from 1305'-1319' in a zone of 0.045 opt gold over 72' from 1247'-1319'.
N-88-87	10+00 N; 33+00 W	340	-70	2319	0.226 opt gold over 8' from 2159'-2167' or 0.15 opt gold over 14' from 2159'-2173' and 0.17 opt gold 10' from 2083'-2093' and 0.115 opt gold over 5' from 2113'-2118' all in a zone of 0.052 opt gold over 95' from 2078'-2173'.
N-88-88	16+00 N; 35+00 N	340	-60	918	0.296 opt gold over 5' from 255'-260', within a zone of 0.115/15' from 250'-265'.
N-88-89	16+00 N; 36+00 W	340	-60	416	No significant zone intersected, hole lost at 416' due to cave in.
N-88-89A	16+07 N; 36+00 W	340	-60	946	0.032 opt gold over 17' from 46' to 63' and 0.269 opt gold over 8' from 603'-611' in a zone of 0.129 opt gold over 17.5' from 603'-620.5'.
N-88-90	14+00 N; 34+00 W	340	-60	1316	0.383 opt gold over 15' from 963'-978' or 0.190 opt gold over 36' from 948'-978' and 0.124 opt gold over 19' from 881' to 900' in a zone of 0.109 opt gold over 103' from 881'-984'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-91	14+00 N; 35+00 W	340	-60	1646	0.0375 opt gold over 3' from 963'-966' and 0.0325 opt gold over 5' from 1153'-1158', these are one sample peaks only.
N-88-92	14+00 N; 36+00 W	340	-60	1825	0.048 opt gold over 31.5' from 995'-1026.5'.
N-88-93A	14+96 N; 37+00 W	340	-60	686	0.034 opt gold over 15' from 425'-440', hole lost due to binding and caving in at 686'.
N-88-93	15+00 N; 37+00 W	340	-60	300	Hole lost due to binding and caving at 300'.
N-88-94	14+00 N; 38+00 W	340	-60	1166	0.043 opt gold over 11' from 574'-585'.
N-88-95	14+00 N; 39+00 W	340	-60	1636	No significant zone.
N-88-96	16+00 N; 37+00 W	340	-60	996'	0.147 opt gold over 8' from 619'-627' or 0.124 opt gold over 12' from 619'-631' and 0.064 opt gold over 9.5' from 570.5'-580' in a zone of 0.047 opt gold over 61.5' from 570.5'-631'.
N-88-97	12+00 N; 34+00 W	340	-60	1719	No significant zone.
N-88-98	12+00 N; 35+00 W	340	-60	105'	Hole lost at 105' because of broken rods.
N-88-98A	12+00 N; 35+00 W	340	-65	1443	No significant zone.
N-88-99	10+00 N; 35+00 W	340	-70	1906	Abandoned due to cave.
N-88-99 Wedge	(from 1171' to 2182')			1011'	0.183 opt gold over 9' from 1999'-2008' or 0.16 opt gold over 20' from 1990'-2010' or 0.138 opt gold over 30' from 1984'-2014' in zone of 0.069 opt gold over 70' from 1950'-2020'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-100	14+00 N; 25+00 W	340	-60	1762	No significant assays.
N-88-101	15+00 N; 29+00 W	340	-60	1415	No significant assays.
N-88-102	15+00 N; 27+00 W	340	-60	1437	0.032 opt gold over 20' from 1340'-1360'.
N-88-103	16+00 N; 28+00 W	340	-60	1443.5	No significant assays.
N-88-104	16+00 N; 29+00 W	340	-60	1207	0.055 opt gold over 21' from 904'-925'.
N-88-105	16+00 N; 30+00 W	340	-60	1286	0.043 opt gold over 49' from 843'-892' within which is a zone of 0.066 opt gold over 14' from 878'-892'.
N-88-106	16+00 N; 31+00 W	340	-60	1273	No significant zone.
N-88-107	16+00 N; 38+00 W	340	-60	1406	0.11 opt gold over 6' from 1203'-1209'.
N-88-108	23+00 N; 23+ W	160	-65	1056	No significant zone.
N-88-109	23+00 N; 23+ W	160	-50	693	0.045 opt gold over 21' from 289'-310' and 0.154 opt gold over 24' from 342'-366' within a zone of 0.104 opt gold over 40' from 329'-369'.
N-88-110	23+00 N; 24+ W	160	-45	666	0.218 opt gold over 3' from 203'-206' and 0.26 opt gold over 8' from 261'-269' within a zone of 0.07 opt gold 50' from 256'-306'.
N-88-111	24+00 N; 25+00 W	160	-60	956	No significant zone.
N-88-112	25+00 N; 30+00 W	160	-50	906	0.17 opt gold over 10.5' from 570'-580.5' and 0.251 opt gold over 5' from 603'-608' both within an overall zone of .077 opt gold over 54' from 570'-624'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-113	22+00 N; 31+00 W	160	-45	406	0.209 opt gold over 5' from 156'-161' or 0.134 opt gold over 10' from 151'-161' and 0.098 opt gold over 6' from 179'-185' in zone of 0.059 opt gold over 55' from 145'-200'.
N-88-114	12+00 N; 36+00 W	340	-60	1719	.041 opt gold over 6' from 1359'-1365' and .046 opt gold over 7.5' from 1388.5'-1396'.
N-88-115	22+00 N; 32+00 W	160	-55	526	partial results only 0.18 opt gold over 9' from 168'-177' in zone of 0.064 opt gold over 34' from 166'-200' and 0.14 opt gold over 6' from 248'-254' in zone of 0.048 opt gold over 36' from 218'-254' and 0.218 opt gold over 6' from 331'-337' as well as 0.233 opt gold over 11' from 370'-381' in zone of 0.083 opt gold over 59' from 325'-384' and 0.084 opt gold from 11' from 401.5' to 412.5'.
N-88-116	22+00 N; 32+00 W	160	-65	596	1.36 opt gold over 5.5' from 234'-239.5' or 1.08 opt gold over 7' from 232.5'-239.5' in zone of 0.464 opt gold over 16.5' from 232.5'-249' as well as 0.265 opt gold over 3' from 303.5'-306.5' or 0.112 opt gold over 9' over 297.5'-306.5' and 0.12 opt gold over 4.5' from 316'-320.5' and 0.207 opt gold over 7' from 336'-343' or 0.142 opt gold over 25' from 326'-361' in zone of 0.080 opt gold over 81' from 295'-376' as well as 0.042 opt gold over 12' from 391'-403'.
N-88-117	23+00 N; 34+00 W	160	-55	686	0.455 opt gold over 5' from 506'-511' in zone of 0.18 opt gold over 15' from 501'-516' in zone of 0.086 opt gold over 35' from 496'-531'.

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-118	23+00 N, 34+00 W	160	-60	801	0.27 opt gold over 9 ft. from 517 to 526 feet or 0.123 opt gold over 24 ft. from 517 to 541 feet in zone of 0.088 opt gold over 42 ft. from 517 to 559 feet as well as 0.14 opt gold over 12 ft. from 639 to 651 feet in zone of 0.064 opt gold over 35 ft. from 621 to 656 feet
N-88-119	21+00 N, 35+00 W	160	-45	345	0.045 opt gold over 8 ft. from 146 to 154 feet
N-88-120	21+00 N, 36+00 W	160	-45	356	No significant assays
N-88-121	21+00 N, 36+00 W	160	-65	606	0.065 opt gold over 10 ft. from 401 to 411 feet
N-88-122	21+00 N, 36+00 W	160	-70	696	0.11 opt gold over 4 ft. from 130 to 134 feet
N-88-123	18+70 N, 35+00 W	340	-60	499	0.06 opt gold over 15 ft. from 345 to 360 feet
N-88-124	18+70 N, 35+00 W	340	-65	557	0.61 opt gold over 10 ft. from 300 to 310 feet in zone of 0.41 opt gold over 18 ft. from 297 to 315 feet as well as 0.041 opt gold over 16 ft. from 404 to 420 feet
N-88-125	18+50 N, 34+00 W	340	-50	499	0.115 opt gold over 3 ft. from 189 to 192 feet (insufficient assays to fully define zone)

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-126	18+50 N, 34+00 W	340	-60	597	0.48 opt gold over 6 ft. from 320 to 326 feet or 0.24 opt gold over 15 ft. from 320 to 335 feet or 0.103 opt gold over 41 ft. from 303 to 344 feet in zone of 0.078 opt gold over 59 ft. from 295 to 354 feet as well as 0.15 opt gold over 9 ft. from 206 to 215 feet or 0.115 opt gold over 18 ft. from 206 to 224 feet in zone of 0.07 opt gold over 39 ft. from 185 to 224 feet
N-88-127	21+00 N, 33+00 W	160	-45	306	0.178 opt gold over 11 ft. from 201 to 212 feet or 0.168 opt gold over 20 ft. from 201 to 221 feet or 0.138 opt gold over 30 ft. from 201 to 231 feet or 0.123 opt gold over 38 ft. from 198 to 236 feet in zone of 0.082 opt gold over 67 ft. from 169 to 236 feet
N-88-128	22+00 N, 33+00 W	160	-45	396	0.426 opt gold over 12 ft. from 241 to 253 feet or 0.236 opt gold over 27 ft. from 241 to 268 feet (insufficient assays to fully define zone)

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-129	18+00 N, 33+00 W	340	-47	498	0.228 opt gold over 13 ft. from 322 to 335 feet or 0.072 opt gold over 28 ft. from 307 to 335 feet or 0.072 opt gold over 73 ft. from 272 to 345 feet as well as 0.167 opt gold over 8 ft. from 370 to 378 feet or 0.126 opt gold over 12 ft. from 370 to 390 feet in zone of 0.06 opt gold over 123 ft. from 272 to 395 feet and 0.22 opt gold over 4.5 ft. from 206 to 210.5 feet or 0.08 opt gold over 16 ft. from 197 to 213 feet as well as 0.11 opt gold over 10 ft from 166 to 176 feet or 0.092 opt gold over 13 ft. from 166 to 179 feet in zone of 0.06 opt gold over 47 ft. from 166 to 213 feet
N-88-130	18+00 N, 33+00 W	340	-65	705	0.266 opt gold over 17' from 315' to 332' or 0.167 opt gold over 32' from 300' to 332' in zone of 0.13 opt gold over 45' from 295' to 340' as well as 0.184 opt gold over 13' from 442' to 445' in zone of 0.08 opt gold over 65' from 415' to 480' and 0.051 opt gold over 8' from 658' to 666'
N-88-131	18+00 N; 31+00 W	340	-50	656	0.20 opt gold over 8' from 392' to 400' in zone of 0.092 opt gold over 21' from 392' to 413'

Hole No.	Location (Grid Coordinates)	Bearing	Dip	Length (feet)	Remarks
N-88-132	18+00 N; 31+00 W	340	-55	702	0.96 opt gold over 5' from 405' to 410' or 0.49 opt gold over 10' from 400' to 410' in zone of 0.227 opt gold over 25' from 385' to 410'.
N-88-133	18+00 N; 31+00 W	340	-60	853	0.22 opt gold over 5' from 440' to 445' in zone of 0.12 opt gold over 15' from 440' to 455'.
N-88-134	18+20 N; 30+00 W	340	-45	558	No significant assays (hole abandoned in fault)
N-88-135	18+20 N; 30+00 W	340	-55	479	No significant assays (hole abandoned in fault)
N-88-136	22+00 N; 32+00 W	160	-40	451	0.155 opt gold over 7' from 196' to 203' or 0.092 opt gold over 18' from 194' to 212' in zone of 0.077 opt gold over 28' from 184' to 212'.

With respect to the designated period of March 30 to June 30, 1988 under OM 88-6-L-163, there were four (4) diamond drills on the T & H Resources Ltd. property. The drilled contractors and type of drill machine used are listed below:

- (1) Norex Drilling Ltd., Box 88, Porcupine, Ontario, P0N 1C0.
Contact - Mr. Alex Gagnon, Phone 705-235-2222.
Machine - Boyles 35 diamond drill.
- (2) Les Forages Philippon Diamond Drilling Inc., 829 Boulevard Quebec, Rouyn-Noranda, Quebec, J9X 5C7.
Contact - Mr. Bob Philippon, Phone 819-762-7731.
Machine - Boyles 35 diamond drill.
- (3) Bradley Bros. Ltd., Box 485, Timmins, Ontario, P4N 7E7.
Contact - Mr. Ron St.-Ongs, Phone 705-268-1456.
Machine - (a) Longyear 44 and (b) Boyles 35 diamond drills.

During the designated period of March 30 to June 30, 1988, the dates for specific holes drilled are listed below:

Norex Drilling Ltd. (Boyles 35 drill)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-65	17 N; 26 W	-60	340	1276	March 31 - April 9, 1988	1,276
N-88-66	17 N; 27 W	-60	340	1136	April 9 - April 13, 1988	2,412
N-88-67	19 N; 26 W	-60	340	886	April 13 - April 15, 1988	3,298
N-88-68	24 N; 24 W	-60	160	1036	April 15 - April 20, 1988	4,334
N-88-69	24 N; 28 W	-60	160	756	April 20 - April 26, 1988	5,090
N-88-70	23 N; 41 W	-60	160	724	April 28 - May 1, 1988	5,814
N-88-71	24 N; 41 W	-60	160	1418	May 1 - May 6, 1988	7,232
N-88-72	25 N; 41 W	-60	160	866	May 6 - May 10, 1988	8,098
N-88-73	25 N; 42 W	-60	160	966	May 10 - May 15, 1988	9,064
N-88-74	26 N; 42 W	-60	160	1054	May 15 - May 18, 1988	10,118
N-88-75	27 N; 42 W	-60	160	1796	May 19 - May 31, 1988	11,914
N-88-76	16 N; 32 W	-60	340	1006	June 13 - June 16, 1988	12,920
N-88-77	26+94 N; 37+25W	-90		2046	May 31 - June 11, 1988	14,966
N-88-78	16 N; 33 W	-60	340	996	June 17 - June 23, 1988	15,962
N-88-79	16 N; 33 W	-60	340	1076	June 23 - June 25, 1988	17,038
N-88-60	18+35N; 29W	-60	340	946	April 26 - April 28, 1988	17,984
N-88-88	16 N; 35 W	-60	340	918	June 27 - June 29, 1988	18,902
N-88-89	16 N; 36 W	-60	340	416	June 29 - June 30, 1988	19,318

Les Forages Philippon Inc. (Boyles 35 drill)

N-88-49	14 N; 33 W	-60	340	1501	March 29 - April 11, 1988	20,819
N-88-90	14 N; 34 W	-60	340	1316	April 12 - April 20, 1988	22,135
N-88-91	14 N; 35 W	-60	340	1646	April 20 - May 2, 1988	23,781
N-88-92	14 N; 36 W	-60	340	1825	May 2 - May 18, 1988	25,606
N-88-93	15 N; 37 W	-60	340	300	May 12 - May 16, 1988	25,906
N-88-93A	14+96N; 37W	-60	340	686	May 16 - May 24, 1988	26,592
N-88-94	14 N; 38 W	-60	340	1145	May 24 - May 31, 1988	27,737
N-88-95	14 N; 39 W	-60	340	1636	May 31 - June 10, 1988	29,373

Bradley Brothers Drilling (Longyear 44 and Boyles 35 drills)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-80	14 N; 28 W	-60	340	1325	April 6 - April 13, 1988	30,698
N-88-81	14 N; 29 W	-60	340	1358	April 13 - April 19, 1988	32,056
N-88-82	13+30N; 30W	-60	340	1532	April 19 - April 27, 1988	33,588
N-88-83	14 N; 31 W	-60	340	1453	April 27 - May 4, 1988	35,041
N-88-84	14+50N; 32W	-60	340	1522	May 4 - May 12, 1988	36,563
N-88-85	12 N; 32 W	-60	340	1729	May 12 - May 25, 1988	38,292
N-88-86	12 N; 33 W	-60	340	1663	May 26 - June 4, 1988	39,955
N-88-87	10 N; 33 W	-70	340	2319	June 4 - June 23, 1988	42,274
N-88-99	10 N; 35 W	-70	340	1906	June 24 - July 25, 1988	44,180
N-88-100	15 N; 25 W	-60	340	1738	April 13 - April 21, 1988	45,918
N-88-101	15 N; 26 W	-60	340	1415	April 21 - April 28, 1988	47,333
N-88-102	15 N; 27 W	-60	340	1437	April 29 - May 4, 1988	48,770
N-88-103	16 N; 28 W	-61	340	1443	May 4 - May 9, 1988	50,213
N-88-104	16 N; 29 W	-60	340	1207	May 10 - May 14, 1988	51,420
N-88-105	16 N; 30 W	-60	340	1286	May 14 - May 18, 1988	52,706
N-88-106	16 N; 31 W	-60	340	1273	May 18 - May 27, 1988	53,979

During the designated period extension interval of July 1 to December 31, 1988 for OM-88-6-L-163, Norex Drilling Ltd. with one drill and Bradley Bros. Ltd. with two drills (see above) were on the T & H Resources Ltd. property and the dates for specific holes drilled are listed below.

Bradley Brothers Drilling (Longyear 44 and Boyles 35 drills)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-97	12 N; 34 W	-60	340	1719	July 11 - July 18, 1988	55,698
N-88-98	12 N; 35 W	-60	340	105	July 18 - July 19, 1988	55,803
N-88-98A	12 N; 35 W	-60	340	1443	July 19 - July 25, 1988	57,246
N-88-99						
Wedge	10 N; 35 W	-66	357	1011	July 26 - Aug 14, 1988	58,257
N-88-114	12 N; 36 W	-60	340	1719	July 26 - Aug 8, 1988	59,976
N-88-123	18+70N; 35W	-60	340	499	Aug 16 - Aug 17, 1988	60,475
N-88-124	18+70N; 35W	-65	340	557	Aug 18 - Aug 19, 1988	61,032
N-88-125	18+50N; 34W	-50	340	499	Aug 23 - Aug 24, 1988	61,531
N-88-126	18+50N; 34W	-60	340	597	Aug 24 - Aug 25, 1988	62,128
N-88-129	18 N; 33 W	-47	340	498	Aug 21 - Aug 23, 1988	62,626
N-88-130	18 N; 33 W	-65	340	705	Aug 19 - Aug 20, 1988	63,331
N-88-131	18 N; 31 W	-50	340	656	Aug 11 - Aug 15, 1988	63,987
N-88-132	18 N; 31 W	-55	340	702	Aug 16 - Aug 18, 1988	64,689
N-88-133	18 N; 31 W	-60	340	853	Aug 18 - Aug 19, 1988	65,542
N-88-134	18+20N; 30W	-45	340	558	Aug 10 - Aug 11, 1988	66,100
N-88-135	18+20N; 30W	-55	340	479	Aug 9 - Aug 10, 1988	66,579

Norex Drilling Ltd. (Boyles 35 drills)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-89A	16 N; 36 W	-60	340	996	June 30 - July 8, 1988	67,525
N-88-96	16 N; 37 W	-60	340	1406	July 9 - July 12, 1988	68,521
N-88-107	16 N; 38 W	-60	340	1406	July 13 - July 20, 1988	69,927
N-88-108	23 N; 23 W	-65	160	1056	July 20 - July 24, 1988	70,983
N-88-109	23 N; 23 W	-50	160	693	July 25 - July 26, 1988	71,676
N-88-110	23 N; 24 W	-45	160	666	July 27 - July 28, 1988	72,342
N-88-111	24 N; 25 W	-60	160	956	July 29 - Aug 2, 1988	73,298
N-88-112	25 N; 30 W	-50	160	906	Aug 2 - Aug 4, 1988	74,204
N-88-113	22 N; 31 W	-45	160	406	Aug 4 - Aug 8, 1988	74,610
N-88-115	22 N; 32 W	-55	160	526	Aug 8 - Aug 10, 1988	75,136
N-88-116	22 N; 32 W	-65	160	596	Aug 10 - Aug 11, 1988	75,732
N-88-117	23 N; 34 W	-55	160	686	Aug 12 - Aug 14, 1988	76,418
N-88-118	23 N; 34 W	-60	160	801	Aug 14 - Aug 16, 1988	77,219
N-88-120	21 N; 36 W	-45	160	356	Aug 17 - Aug 18, 1988	77,920
N-88-121	21 N; 36 W	-65	160	606	Aug 18 - Aug 19, 1988	78,526
N-88-122	21 N; 36 W	-70	160	696	Aug 19 - Aug 23, 1988	79,222
N-88-127	21 N; 33 W	-45	160	306	Aug 24 - Aug 25, 1988	79,528
N-88-128	22 N; 33 W	-45	160	396	Aug 25 - Aug 26, 1988	79,924
N-88-136	22 N; 32 W	-40	160	451	Aug 11 - Aug 11, 1988	80,374

The total footage of BQ core drilling on the T & H Resources Ltd. property during the period March 30, 1988 to December 31, 1988 was 80,374 feet.

The consequence of this drilling as well as that since August 17, 1987 has allowed the following drill indicated mineralization to be calculated using a 0.1 opt gold cut-off grade.

<u>Name of Zone</u>	<u>Tonnage</u>	<u>Average Grade</u>	<u>Average Width</u>
J.P. Zone	1,188,500	0.231 opt gold	12 feet
R.P. Zone	55,000	0.238 opt gold	10 feet
J.D. Zone	70,780	0.220 opt gold	11.25 feet
Combined	1,314,280	0.231 opt gold	11.9 feet

Respectfully submitted,

A.D. Drummond
A.D. Drummond, Ph.D., P.Eng.
Geological Engineer



November 4, 1988

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CERTIFICATION

I, Arthur Darryl Drummond of the City of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a geological engineer residing at 3249 West 35th Avenue, Vancouver, B.C. and employed by D.D.H. Geomanagement Ltd., with an office at 422 - 470 Granville Street, Vancouver, B.C.
2. I am a registered Professional Engineer of the Province of British Columbia, certificate no. 5778. I graduated from the University of British Columbia in 1959 with a B.A.Sc. in geological engineering, and in 1961 with a M.A.Sc. in geological engineering. I graduated from the University of California in 1966 with a Ph.D. in geology.
3. I have practised my profession continuously for 24 years primarily with the Placer Development Group of Companies at Craigmont, Endako and Gibraltar mines, and in mineral exploration in Canada, United States of America, Chile, Argentina, Mexico and the Philippines.
4. I am the author of this report which is based on published and private reports, and on field work supervised during the period August, 1987 to September, 1988.
5. I act in the capacity of Vice-President, Exploration for Coastoro Resources Ltd.
6. This report may be utilized for development of the property, providing that no portion may be used out of context in such a manner as to convey a meaning which differs from that set out in the whole.

Dated at Vancouver, B.C., this 4th day of November, 1988.


A.D. Drummond, Ph.D., P. Eng.
D.D.H. GEOMANAGEMENT LTD.
Geological Engineer



APPENDIX A

T & H RESOURCES LTD.
NEWFIELD PROJECT
DRILL HOLE SECTIONS

APPENDIX B

T & H RESOURCES LTD.
NEWFIELD PROJECT
DRILL LOGS FOR THOSE HOLES COMPLETED DURING THE OMEP
DESIGNATED PERIOD (MARCH 30 TO DECEMBER 31, 1988)

APPENDIX B - Section 1: Drill logs are in the following order for the period March 30 to June 30, 1988.

Norex Drilling Ltd. (Boyles 35 drill)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-65	17 N; 26 W	-60	340	1276	March 31 - April 9, 1988	1,276
N-88-66	17 N; 27 W	-60	340	1136	April 9 - April 13, 1988	2,412
N-88-67	19 N; 26 W	-60	340	886	April 13 - April 15, 1988	3,298
N-88-68	24 N; 24 W	-60	160	1036	April 15 - April 20, 1988	4,334
N-88-69	24 N; 28 W	-60	160	756	April 20 - April 26, 1988	5,090
N-88-70	23 N; 41 W	-60	160	724	April 28 - May 1, 1988	5,814
N-88-71	24 N; 41 W	-60	160	1418	May 1 - May 6, 1988	7,232
N-88-72	25 N; 41 W	-60	160	866	May 6 - May 10, 1988	8,098
N-88-73	25 N; 42 W	-60	160	966	May 10 - May 15, 1988	9,064
N-88-74	26 N; 42 W	-60	160	1054	May 15 - May 18, 1988	10,118
N-88-75	27 N; 42 W	-60	160	1796	May 19 - May 31, 1988	11,914
N-88-76	16 N; 32 W	-60	340	1006	June 13 - June 16, 1988	12,920
N-88-77	26+94 N; 37+25W	-90		2046	May 31 - June 11, 1988	14,966
N-88-78	16 N; 33 W	-60	340	996	June 17 - June 23, 1988	15,962
N-88-79	16 N; 33 W	-60	340	1076	June 23 - June 25, 1988	17,038
N-88-60	18+35N; 29W	-60	340	946	April 26 - April 28, 1988	17,984
N-88-88	16 N; 35 W	-60	340	918	June 27 - June 29, 1988	18,902
N-88-89	16 N; 36 W	-60	340	416	June 29 - June 30, 1988	19,318

Les Forages Philippon Inc. (Boyles 35 drill)

N-88-49	14 N; 33 W	-60	340	1501	March 29 - April 11, 1988	20,819
N-88-90	14 N; 34 W	-60	340	1316	April 12 - April 20, 1988	22,135
N-88-91	14 N; 35 W	-60	340	1646	April 20 - May 2, 1988	23,781
N-88-92	14 N; 36 W	-60	340	1825	May 2 - May 18, 1988	25,606
N-88-93	15 N; 37 W	-60	340	300	May 12 - May 16, 1988	25,906
N-88-93A	14+96N; 37W	-60	340	686	May 16 - May 24, 1988	26,592
N-88-94	14 N; 38 W	-60	340	1145	May 24 - May 31, 1988	27,737
N-88-95	14 N; 39 W	-60	340	1636	May 31 - June 10, 1988	29,373

Bradley Brothers Drilling (Longyear 44 and Boyles 35 drills)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-80	14 N; 28 W	-60	340	1325	April 6 - April 13, 1988	30,698
N-88-81	14 N; 29 W	-60	340	1358	April 13 - April 19, 1988	32,056
N-88-82	13+30N; 30W	-60	340	1532	April 19 - April 27, 1988	33,588
N-88-83	14 N; 31 W	-60	340	1453	April 27 - May 4, 1988	35,041
N-88-84	14+50N; 32W	-60	340	1522	May 4 - May 12, 1988	36,563
N-88-85	12 N; 32 W	-60	340	1729	May 12 - May 25, 1988	38,292
N-88-86	12 N; 33 W	-60	340	1663	May 26 - June 4, 1988	39,955
N-88-87	10 N; 33 W	-70	340	2319	June 4 - June 23, 1988	42,274
N-88-99	10 N; 35 W	-70	340	1906	June 24 - July 25, 1988	44,180
N-88-100	15 N; 25 W	-60	340	1738	April 13 - April 21, 1988	45,918
N-88-101	15 N; 26 W	-60	340	1415	April 21 - April 28, 1988	47,333
N-88-102	15 N; 27 W	-60	340	1437	April 29 - May 4, 1988	48,770
N-88-103	16 N; 28 W	-61	340	1443	May 4 - May 9, 1988	50,213
N-88-104	16 N; 29 W	-60	340	1207	May 10 - May 14, 1988	51,420
N-88-105	16 N; 30 W	-60	340	1286	May 14 - May 18, 1988	52,706
N-88-106	16 N; 31 W	-60	340	1273	May 18 - May 27, 1988	53,979

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 6th, 1988 PAGE: 1 OF 6

HOLE NO. N88-65 DIP -60° AZMIUTH 340° LOGGED BY M.H. SANGUINETTI

CORE SIZE BQ TOTAL FOOTAGE 1276' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 1266' - 53° 700' - 55½° LOCATION: 17+00N 26+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 205

DRILL TIME: START Mar 31/D FINISH April 9/D MECHANICAL TIME ½ d. pump bearings

MISCELLANEOUS PROBLEMS (NOREX)



FOOTAGE	DESCRIPTION		
0-195	OVERBORDEN		
195-273	<u>Olivine Peridotite</u> , black with clustered olivine to 1cm, mag, H=5, weak carb & 205, 400 fractures, nit. py. Shearing @ 207', 236 @ 30'; 236 @ 55'; 238-239, 243, 249, 266-270; becoming fine grained (3mm) by 260'	265-270	3948 N/I
		270-273	3949 N/I
		273-276	8950 0.002
		276-279	3951 N/I
		279-282	3952 0.002/A
273-422.5	- METASEDIMENTS: locally bleached green and black foliated D25, inner sil. py ina to 1% ^{loc. 3% py.} dimension. weakly mag, non carb - kink folia of foliation - Appears as an intensely old sediment - intensely silicified, loc galegran scicls, pyrite increased to ~2% - local andy ^{on partly cement} bitite from 280-287	282-285	3953 0.002
		285-288	3954 0.002
		288-291	3955 N/I
		291-294	3956 N/I
		294-297	3957 N/I
		297-300	3958 N/I
		300-305	3959 0.002
		305-310	3960 N/I
		310-315	3961 N/I
		315-320	3962 N/I
		320-325	3963 0.002
		325-330	3964 N/I
		330-335	3965 N/I
		335-340	3966 N/I
		340-345	3967 0.002
		345-350	3968 N/I
		350-354	3969 N/I
		354-358	3970 N/I
		358-365	3971 0.002
		365-370	3972 N/I/0.002
		370-375	3973 0.002
		375-380	3974 N/I
		380-385	3975 0.002
		385-390	3976 0.002
		390-395	3977 N/I
		395-400	3978 0.002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	locally increased pyrite to 1-2% at 396', 406-407 420-421; rock appears as a siliceous matrix, H~7, with white/grey amorph. qtz intervals, strongly magnetic; end of qtz as crystals. bedding slumped at 60-70°. <u>65°</u>	400-405 3979 405-410 3980 410-415 3981 415-420 3982 420-422.5 3983	Ni 0.002 0.002 0.002/Ni Ni
422.5-438	<u>Pyroxenite</u> - dark purple-black, strongly magnetic H~4-5. Nil py, Fault 423-424 slumped at 40° loc 4"-6" bleached zones at 429' + 435' lower contact possible fault, thin @ 25°. <u>25°</u>	422.5-430 3984 430-434 3985 434-438 3986	
438-463.5	<u>Metasediment</u> , fg. dark tan to olive grey, locally silicified, H~6, brecciated, weakly mag., non calc. crackled brx & healed with fine black hairline qtz, py < 1% deposits & along fault, to them. 439-fault gouge. 1 1/2", @ 70°, - bedding, 60° @ 446, 60° @ 456 - pink arkose at 449' and alternating thin bands, - loc. py to 1/2" on bed hor'z @ 459	438-442 3987 442-446 3988 446-450 3989 450-455 3990 455-460 3991 460-463.5 3992	Ni 0.002 Ni Ni 0.002
463.5-700	Green and Black ^{Quartz} Chlorite schist & talc chlorite <u>Schist</u> - altered ultramafic, trace amts spinifex texture; mag; - altered komatiite. 463.5-471 - lighter green, fold 65°, trhem; < 1% py. large Fault zone 471-517 - - at 55° at 475° 478-480 - Pyroxenite fragments, intervals 478-8" pebbly clay gouge - black. 487-488.5 - pebbly gouge @ 40° - to py. 491 - 2" gouge. 500-504 - shear in talcose dk green // c.a. 504-510 - reddish orange Syenite dyke, H~6.5, red by py; white qtz stockwork, brxd, < 1% py. v. contact brxd & wing; lower ground in fault gouge. 510-510.5; 512-515, light green pebbly clay gouge 70° - // c.a. chl schist // @ 35' phi. - ool frags of om spinifex + ceds?, - green flow texture 520- 527-537 - Syenite dyke, as above, H~6, loc sea, py < 1%, hemst., loc brxd over 1'-2', non mag. <u>60°</u>	463.5-470 3993 470-475 3994 475-480 3995 480-485 3996 485-490 3997 490-495 3998 495-500 3999 500-504 4000 504-507 72501 507-510 72502 510-515 72503 515-520 72504 520-524 72505 524-527 72506 527-532 72507 532-537 72508	Ni 0.002/Ni 0.002 0.002 Ni Ni Ni 0.025 0.010 0.002 Ni Ni Ni 0.010 0.005

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
537-571	tan & dice green altd UM. spinifer tex. flow text, loc py 1/3, min gfs 552-560., brixid -	537-542	72509 N.I
		542-547	72510 0.002
		547-552	72511 0.002
571-573	Red syenite inclusion as above, fine fractag texture, vsq py < 1%, margins sl. bleached, v contact @ 50°, sl 48° bleaching; lower contact brixid @ 45°	552-557	72512 0.005
		557-562	72513 0.005
		562-567	72514 0.002
		567-571	72515 N.I
573-587.5	flow texid brixid altd UM, spinifer text. py < 1%, non-mag. foln 55° @ 578'.	571-573	72516 0.002
		573-578	72517 N.I
		578-583	72518 N.I
587.5-594	Red (brick) syenite dyke, as above. non-mag, H=6, freq white gfs + magnesian veins. py < 1%, hem., brixid; v contact bleached-2". 60°	583-587.5	72519 N.I
		587.5-594	72520 0.002
		594-599	72521 0.002
594-	Albitic-Quartz schistose, talcy; black - dk green, pytr. Fault zone 597-617 badly broken upon peg zone - gfs vein frags + syen? 610-616. fold @ 50°. loc. mag 615-616.	599-604	72522 0.002
		604-609	72523 0.005/0.002
		609-614	72524 0.002
		614-619	72525 0.005
		619-624	72526 N.I
		624-629	72527 N.I
617-618	light grey gfs diorite dyke? mag, brixid. f.g. H=6,	629-634	72528 0.002
		634-639	72529 0.002
		639-644	72530 N.I
618-650	Black, flow textured, talcose breccia - py < 1%, loc gfs bent & folded., basically this is a continuation of the fault zone from above, freq gouge. fold // ca. 70°	644-650	72531
		650-654	72532
		654-659	72533
		659-664	72534
650-654	quartz diorite dyke, lower contact brixid. mag. f.g. med grey. v contact sl. bl. 35°	664-669	72535
		669-674	72536
654-674	Black, (soapstone) altd UM flow brix. loc spinifer at 668'. py < 1% loc mag. non-calc. i. 664-674 flow // ca. 15°	674-679	72537
		679-684	72538
		684-690	72539
674-676	Pinky grey syen dyke? flow text // ca, py < 1% at top, 15°	690-695	72540
		695-700	72541
676-700	Black 'soapstone', altd UM flow brix. < 1% py, non-calc, freq gfs-talc schistose, weakly mag. foln varies 0° to 15° showing folding. & incl of syen. ends in fault @ 50° 697-700, thin clay gouge. - transitional into black pyroxenite → peridotite H=5, Tr Py.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
700-791	<p><u>Pyroxenite - Peridotite</u>, black, H ~ 5, loc mag, - grades from massive black peridotite to pyroxenite & back, local lighter gray 1"-2" "skins" appear to be v. f.g. textured, (may be spinifex??) occ gtz + gtz pink calc veinlets + shears at 70° to 15°, at 722 at 15°, at 30° at 751, - by 768 grades into olivine peridotite, cumulate, clusters of olivine 1/4" ~ 25%. - grading back to pyroxenite by 785 - bottom contact, 4" intense shear/fault @ 45°</p>	<p>700-705 725 42 705-710 725 43 710-715 725 44 715-720 725 45 720-725 725 46 725-730 725 47 730-735 725 48 735-740 725 49 740-745 725 50 745-750 725 51 750-755 725 52 755-760 725 53 760-765 725 54</p>	<p>N.I ↓ 0.002/0.002</p>
791-877	<p><u>Black "soapstone"</u>, altered peridotite & breccia, showing flow texture, sheared in local intervals, mag, fold 800 @ 35° trace pyrite to 170 over 6" 808 @ 40° locally talcose; 816 @ 45° 824-on - slightly greener; by 825 short intervals of black & dark olive green/purple spinifex text'd intervals plus increase in siliceous content. foln 830 @ 45°, local pinky-purple sil layers and 834' flow textured alternating with brx & flow of black "soapstone", by 840 - mod ext, py increased to 1/2%, 854-857 about 1-2% py in fold'd sil, greenish fold'd @ 25°, weak pw. calc. 857-877, finer 1/2" breccia, flow at 35°, fgy flow texture veinlets + spinifex, py to 1% foln to // to CA 875 foln @ 35°; By bottom of section rock has become gtz-chl-sch. with loc. talcose frags, finely fold'd, and sheared // to foln. - H ~ 4-5, mag, - occ weak calc; gtz 1% 60</p>	<p>765-770 725 55 770-775 725 56 775-780 725 57 780-785 725 58 785-790 725 59 790-795 725 60 795-800 725 61 800-805 725 62 805-810 725 63 810-815 725 64 815-820 725 65 820-825 725 66 825-830 725 67 830-835 725 68 835-840 725 69 840-845 725 70 845-850 725 71 850-855 725 72 855-860 725 73 860-865 725 74 865-870 725 75 870-877 725 76 877-881 725 77</p>	<p>N.I 0.002 N.I N.I 0.002 0.002 N.I 0.002 0.010/0.005 N.I 0.002 0.002 0.002 0.005 0.002</p>
877-881	<p><u>Eldspar Porphyry Dike</u>, Dark purplish red, non-mag, Ag 1/2-1% dissem, phenos to 1/4", upper & lower chill margins,</p>		
881-1045	<p><u>Chlorite (Quartz) (Talc) Schist</u>, elongated, foliated brx, prob derived from om. dark olive green, contains fgy whips of pinkish tan "felsite", and gtz magnetite veinlets; generally magnetic, non-calc. py to 1% as inclusions and occ cubed xals;</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	John 890 - //CA.	881-886	725 78 N/1
	900 - 40° to fold.	886-891	725 79 0.002
	905-940 frag, pyg, folling 1) qtz & felsitic layers.	891-896	725 80 N/1
	fragments of grey (Syenitic? +/or) chloritic dykes, f.g.	896-901	725 81 N/1
	magnetic sil Hnb, gen fresh lites, gen	901-906	725 82 0.002
	mit py. - contacts variably, appear folded.	906-911	725 83 0.002
	at 907-908, 911, 913-914, 919, 921	911-916	725 84 NIL
	922-923 (folded 40°), 932-933, 947-950, 111	916-921	725 85 .002
	John of schist at 939 @ 40°.	921-926	725 86 NIL
	increasing brecciation and diversity of rock types	926-931	725 87 NIL
	by 950, 6" pcc and less, strong flow texture.	931-936	725 88 .002
	seen - 954 @ 15° & 955'	936-941	725 89 .002
	fragments of syenite trachyte occur by 958' plus	941-946	725 90 .035
	foliated UM & granitic spinifer text'd frags,	946-951	725 91 .040
	Sy. tr. is grey with 1-2% py, non-mag, Hnb, pcc sild.	951-956	725 92 .010
	972.5 - 976.5 - "Sy Trach." - 971 fold @ 30°	956-959	725 93 .095/.075 .085
	This appears more granular and less flow texture,	959-962	725 94 .085
	is not as prominent (but is present) Hnb, cut by occ	962-965	725 95 .025
	thin white qtz veinlets, Py 1-3% fine dis. with concs	965-968	725 96 .020
	in areas of qtz healed fracturing 975.2, 976, chloritic	968-970	725 97 .050
	gen brownish-grey, med.	970-972.5	725 98 .002
	also at 980-5 to 982, 979.5-2" interw. schistose	972.5-976.5	725 99 { .140/.145 } .151
	with also sild & pyritized.	976.5-980	725 100 .040
	982-988 - foliated tale / UM / qtz / chl / sy. tr. schist,	980-982	72 601 .110
	fold @ 10-15°. H ~ 5, weakly calc,	982-985	72 602 .045
	998-999.5, Brown Sy Trachyte, granular, fold	985-990	72 603 .035
	@ 35° chlor on frags, Py 1-3%, lower 6" is dense grey	990-995	72 604 .045
	quartz, conformable, fold,	995-998	72 605 .010
	fragments of sparse conformable ST contains thin	998-1000	72 606 { .290/.255 } .237
	1005, by which time there is more talcos, dark green	1000-1005	72 607 .005
	UM (spinifer) & text'd flow brx, Tr Py, H ~ 4,	1005-1010	72 608 .002
	perovskite calc - has become a Soapstone breccia	1010-1015	72 609 NIL
	fold'd 1015 @ 50° from 1010 on -	1015-1020	72 610 NIL
	1029 @ 55°	1020-1025	72 611 NIL
	1017-1018, fault @ 50°, shear //, from 1018 down	1025-1030	72 612 NIL
	becomes dark grey.	1030-1035	72 613 .002
	increasing brwn to end of unit @ 1045, where it is	1035-1040	72 614 NIL
	in fault contact - @ 50°, appears as soapstone brx.	1040-1045	72 615 NIL
	2' core lost at contact.		

deformation fabric

50°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1045-1199	<p><u>Olivine Peridotite</u>; black, H=5, alternating sections of fine and crs, close & sparse. mag, non-calc</p> <ul style="list-style-type: none"> - faulting near top at 35-50', brecc. 1058-1068 - gts & gts calcite vein/fault, + brecc 235 gone to pale green talc 1076 - shear at vein L's. 1106-1107 shear 1109-1110 fault at 30', slickensided. - minor shearing throughout interval with prominent bright slickensides, 1/4"-1/2" gouge - lower contact 6" fault breccia. 		
1199-1276	<p><u>Metavolcanics</u> - dark greenish grey, silicified, v.f.s., non-mag. py loc to 5% on fract & joint faces; weak calc. part & pervasive calc. H=5.</p> <p>becomes prev. siliceous 1225 over 5'-10' section alternating with calc. softer soles, locally brecc 1254-1258</p> <ul style="list-style-type: none"> - 1262-1268 - gts + calc + on epistle. - cracks fractured with black basaltic gts, ^{1/2" Cu} Py. - rounded calc? ep? amygdulae. 	<p>1199-1205 72 616 1205-1210 72 617 1210-1215 72 618 1215-1220 72 619</p>	<p>NIL NIL NIL NIL</p>
1276	End of Hole.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 10, 1988 PAGE: 1 OF 6

HOLE NO. N 88-66 DIP -60° AZMIUTH 340° LOGGED BY M. H. SANGUINETTI

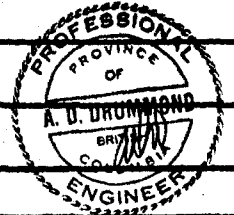
CORE SIZE BQ TOTAL FOOTAGE 1136 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 606' @ 56° 1126 @ 51° LOCATION: 17+00N 27+00W ...

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 124

DRILL TIME: START April 10 FINISH April 13 MECHANICAL TIME

MISCELLANEOUS PROBLEMS <NOEX>



929-940 = .056/11'

FOOTAGE	DESCRIPTION	
0 - 123	Overburden	
123 - 270	<p>METASEDIMENTS; <i>greyish, Dark grey to black, locally limonitic (132-132), vfg, silicious, appears as an arkose rock, locally magnetic, annealed breccia with alternating black/brown 3 mm layers as foliated, brxd tan sst and argillite. Pyrite <1%, limonite on layers.</i></p> <p>134-144 - possible (minor) porphyry dykes? mag, sil H=6, no defined contacts, fine white felds phenos. <i>minerals, non-calc, Py <1%, limonite. (tuff??).</i></p> <p>155-165 - appears as black/dark grey non-foliated, simply with silica, fol'd @ 35°, <i>minerals? on layers, Py <1%, lighter brown interbeds.</i></p> <p>165-188 - layered brxd, black + tan, dark, sil, fol'd @ 50° at 174'. <i>minerals, Py occurs on layers, occ calc, int.</i></p> <p>188-212 more massive, strongly & weakly mag, all mag. <i>loc pyritic horizons, occ calc beds, black to dark green, epidote ~ 211-22? brxd 210-212.</i></p> <p>212-270 appears as massive sil. <i>metavolcanic, B' breccia, calc, to Py, mag, H=6, - textured breccia - 216 - fault @ 20° - is probably intensely altered greywacke. has flow texture, and alteration bleaching around frags. - contains clasts of angular gneiss, frequently surrounded by epidote. pyrite may be in small clusters. H=6 to 5.5, weak perv. calc. fol'd 265-270 @ 35°</i></p> <p><i>fault/shear 267-270, schistose + talcose, as all'd material @ 35°, contains frag of arkose material as brxd 35°</i></p>	<p>150-155... 72620 NIL</p> <p>155-160 72621 NIL</p> <p>160-165 72622 .002/.002</p> <p>165-170... 72623 NIL</p> <p>170-175 72624 NIL</p> <p>175-180 72625 NIL</p> <p>180-185... 72626 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
270-285	Metasediment; Arkosic - H=6, mag. light grey to pinky hematitic stain, bleached on fracture, locally calcareous on parts; Py 41% in thin horizons. - 270-285 - Fault fragments, core badly broken up & sheared, chloritic, with frags of chloritic "metased - metarol chlorite schist" from prev. unit. local frags at 45-70° increased pyrite in pinky ark to 13-2% + hem H=6.			
285-355	"Diabase?", or dark fg. Syenite, Blackish purple, fine grained, magnetic, massive, H=5, Brecciated to 314, Tr. Py. pers. calc. 285-314 - continuation of shear/fault zone, rock sheared at 45-60° with clay gouge locally on slip at 286-288, 291-2, 296-298, local increase in pyrite within too more intensely sheared sections. 333-342, Blackish purple, calcareous, resembling Iron Fm. V. strongly mag, foliated 240°, "felsitic" brecciated, calcareous, brx appears as annealed frags but H=6 to 5.5. 342-344 - Dyke Biotite Syenite, Py 41% diam + frags mag. H=6-5.5. contacts bleached, silicified, unfr. py. 344-355 - Black "Iron Fm" intrusive grades into textured "syenite" as above, local incr in py to 1%, H=6. Py occurs as clots + wisps.	282-286 72 627 286-290 72 628 290-294 72 629 294-298 72 630 333-338 72 631 338-342 72 632 342-344 72 633 344-350 72 634 350-355 72 635	NIL NIL NIL NIL NIL NIL 002/NIL NIL NIL	
355-384	Pinkish med gr. syenite, non-mag. locally brick red, exhibits strong deformation fabric // 45° + brx'd 355-... with layers of talcose black "schist" - quartz-talc schist on fr. - scarp. - intensely broken up 360-366, gen 45-60° short segs of Syen 366, 370 with 3-5% py. - this appears as a mixture of sediment (schist) and (syenite) intrusive to about 384, shear 376 @ 40° transitional contact - , foln of schist // to 40-70°	355-360 360-365 365-370 370-375 375-380 380-384 384-390 390-395 395-400 400-405 405-410 410-413	72 636 72 637 72 638 72 639 72 640 72 641 72 642 72 643 72 644 72 645 72 646 72 647	NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL 002
384-413	Metasediments, Black & white quartz (arg) scarpstone/talc schist and pink, v. gr. arkosic metaseds; foln bedding @ 30° @ 400' in schist. V. weakly mag. Non calc. v.f. py 41%: arkose has 41% py, H=6.5; minor hem.			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
413-497	<p>section 360-400, red arkosic sections, are vuggy with dissolved carb? 406 foln @ 50°; Py 1-2% in schist < 1% in ark.</p> <p>The section 384-413 is essentially a transition zone from meta sed into the more altered fault zone. The schist grades from black (chlorite) to pale green (mag) schist.</p> <p>Metasediments :- Quartz-Chlorite-Manipalite Schist (from vol) (pale green) and containing 'faint' fragments of g-g. altered arkose - alternating with foliated pink and red sandstone type arkosic sediments; edges of red may be 'bleached' to a tan-dun colour. locally all is brecciated, with a seemingly induced foliation - , local pyg flds in both units.</p> <p>foln 418 @ 60° 443 @ 65° 427 @ 40°</p> <p>Py: 1/2 to 1% in red ark, & 2 1/2% in QM Chl Schist H of ark is ~ 6+ H of schist is 5+ Both non-calc both non-mag., although to carb in late ark ark at - predominantly calc, 413-5-414; 416-421, 431-437, 440-442</p> <p>- manipalite is quite subdued to chlorite and minor silicate</p> <p>FAULT ZONE 453-463 - Shear at 60° in mostly chl.-Qtz schist 463-474 - fault zone at 30°-60°, pebbly clay zone, some calc - localized shear, continues to 490 475- 8" white carb vein at 70° 475-497, brecciated schist, black with white Qtz, carb, and red sed?, locally talcose, distorted. H ~ 4 to 6, loc mag in vol. clasts, py 2 1/2%, loc. silicate 485 on - becomes lighter green and contains alternating red arkosic sed alternating with green altd schist, which abruptly becomes foliated, schistose altd UM with spinifer text at 497 490-494 - Qtz - magrite on 235°</p>	<p>413-418 72 648 .002 418-423 72 649 .010/.005 423-428 - 72 650 .002 428-433 - 72 651 .002 433-438 72 652 NIL 438-443 72 653 NIL 443-448 72 654 NIL 448-453 72 655 .002</p>	<p>453-458 72 656 458-463 72 657 463-468 72 658 .002 468-473 72 659 NIL 473-478 72 660 NIL 478-483 72 661 .002 483-488 72 662 488-493 72 663 493-497 72 664 .002</p>
497-530	<p>Metasediments alternating with ultramafic (ultramafic schist) reddish quartzite/arkosic sediments with local bleaching to tan or to pale grey; UM is pale to dark green, often with frequent Qtz veins, spinifer text is common - H of UM ~ 5 1/2, of ark 6 1/2, Py < 1% throughout Every chl + ser in UM, 516-528 - red + brn sst/Qtzite sed, mag., with strong Qtz stockwork.</p> <p>530 on - transitional to green Quartz (Manipalite) chlorite schist - Ultramafic fragments and quartz veins with occ whips of tan or pink altd-imbred</p>	<p>497-502 72 665 NIL 502-507 72 666 507-512 72 667 512-516 72 668 NIL 516-520 72 669 .002 520-524 72 670 NIL 524-528 72 671 NIL 528-533 72 672 NIL</p>	<p>665 NIL 666 667 668 NIL 669 .002 670 NIL 671 NIL 672 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
530-740	<p>Green Quartz Chlorite (Margarite) Schist, composed of light apple green and dull dark green alternating fragments, and white quartz veins and stockwork. non-mag, non-carb., brecciated and flow textured. Trace py except in short intervals of reddish arkosic sed, which contain <1% py, and few sericite. arkose at 541-542; 557 (6"), 580-583, which have sericite bleached to tan. H of green rock a 6, H of pink and tan 6 1/2+. Tan metased 627-632 & 633-, foln 556 @ 40°, 576 @ 50°, 596 @ 50°</p> <p>61305-622 - Dark green, fol'd 50°, coarse grained equivalent H=6, non-mag, non calc, chlorite schist? nil py.</p> <p>627 - 632: tan metased, disseminated margarite / fobs fine black/dark grey qtz, sparse, minor sericite, loc py blissen and in fine bands</p> <p>646-659 - Black talcose chlorite Quartz schist, prob fault/shear. sheared @ 45-60°, 1" clay gouge at 660' in 12" quartz-chlorite veins (255°). py <1% v. fine v. weakly mag. flow text'd bry.</p> <p>660-695. Green Quartz-Chl. Schist, from old U4. fine qtz + qtz-margarite matrix, non-mag, alternating beds of ore & fine text'd tr py. few spindls. H=5</p> <p>667-668 - purplest sed? contact @ 45°, qtzite, tr py, non-mag H=6</p> <p>from 687-695 is darker more talcose fol'd @ 50°</p> <p>FAULT ZONE -</p> <p>695-740 top of zone is dark green talcose, @ 70°-0° sections of 1"-2" gouge clay between 700 & 704, and 714 & 717; - siliceous interval of dark pump sed from 705-707, hematite;</p> <p>717-721 is qtz on / red syenite? with fine qtz stockwork, sil mica in py to .5% locally. lower contact brecciated; sheared soapstone to 735 @ 35°-45°.</p> <p>735-739 - sil. Parahite:</p> <p>transitional contact to black fold'd Soapstone bry sheared -</p>	533-538 72 673	NIL
		538-543 72 674	
		543-548 72 675	
		548-553 72 676	
		553-558 72 677	NIL
		558-563 72 678	.002
		563-568 72 679	NIL
		568-573 72 680	.002/.002
		573-578 72 681	NIL
		578-583 72 682	NIL
		583-588 72 683	.002
		588-593 72 684	
		593-598 72 685	
		598-603 72 686	.002
		622-627 72 691	NIL
627-632 72 692	NIL		
632-637 72 693	.002		
637-642 72 694	.015/.010		
642-647 72 695	.002		
647-652 72 696	NIL		
652-657 72 697	.002		
603-608 72 687	NIL		
608-613 72 688	.002		
613-618 72 689	NIL		
618-622 72 690	NIL		
657-662 72 698	NIL		
662-667 72 699			
667-672 72 700			
672-677 72 701			
677-682 72 702			
682-687 72 703			
687-692 72 704			
692-697 72 705			
697-702 72 706	NIL		
702-707 72 707	.002		
717-720 72 710	.002		
720-723 72 711	.002		
723-727 72 712	.002		
707-712 72 708	.002/NIL		
712-717 72 709	.002		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
740-930	Black Soapstone, foliated & folded H ~ 4-5, contains local sil. frags., mag. brecciated shearing @ 45° with minor clay on shear faces. local calcite veins & fractures fillings. 740-787 - faulting/shear @ 60° 781-784 and 787-797 Diabase dyke black, mag. H ~ 5', sl. calc. upper section is massive, lower is sl. porphyritic. upper contact brecciated 797-807 shear/fault, minor gouge, slickenside fold @ 40° 809-822 reddish brn colored alt'd, talc/chl. alteration with coarse spinifex. fold @ 40° 822-838 Black soapstone - fold, schistone, minor py. 838-842 - purplish, black, mag, brx frags of dyke, mag, sl. calc., lower sed porph. contacts distorted 842-880 - black soapstone breccia fold & sheared, minor calcite & qtz, veinlets & frags, local brx + gouge. - Tr. py. 880-891 Dark purple grey (bitile) diabase dyke, H ~ 6, mag, pau. carb. Nil py. slightly porphyritic. 891-930 - soapstone - becoming lighter & green, schistone, intensely sheared & folded at 908-40° 920-50' increased qtz & qtz carb folns, local gouge in shear // h foln throughout - transitional contact to lighter green, UM.	727-730	1274	NIL
		730-735	1275	.002
		735-740	1276	NIL
		740-745	1277	NIL
		745-750	1278	.002
		750-755	1279	NIL
		755-760	1280	NIL
		760-765	1291	.002/NIL
		765-770	1282	NIL
		770-775	1283	.002
		775-780	1284	NIL
		780-785	1285	NIL
		785-790	1286	NIL
		790-795	1287	.002
		795-800	1288	.002
		800-805	1289	.002
		805-810	1290	NIL
		810-815	1291	NIL
		815-820	1292	NIL
		820-825	1293	NIL
		825-830	1294	NIL
		830-835	1295	NIL/.002
		835-840	1296	.002
		840-845	1297	NIL
		845-850	1298	NIL
		850-855	1299	.002
		855-860	1300	NIL
		860-865	1301	NIL
		865-870	1302	.002
		870-875	1303	.002
		875-880	1304	.002
		880-885	1305	.002/.005
885-890	1306	.002		
890-895	1307	.002		
895-900	1308	NIL		
900-905	1309	NIL		
905-910	1310	NIL		
910-915	1311	NIL		
915-920	1312	.002		
920-923	1313	.022		
923-926	1314	.110/.055 .170/.175		
930-940	Soapstone Breccia, light green to black H ~ 4, gen. non-mag., weakly calc. local ptyg flds. 930-931 grey amorphous quartz vein distorted with soapstone, and alt'd UM 932-935, Brx'd frags of soft green spinifex soapstone and pyritized "Syenite trachyte" (over 12") and violet grey qtz as prev. 935-940 green alt'd sheared (60°) UM soapstone 940' fault - 2 gouge @ 55°.	936-929	72713	.002
		929-932	72714	.030
		932-935	72715	.040
		935-940	72716	.080/.070 .080/.095

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
940-1084.5	<p>Peridotite grading to Olivine peridotite - Top part of section 940-947 is sheared and almost a black quartz soapstone/peridotite, sheared @ 40°, non-mag, H = 4-5. 947-960 is black submassive peridotite. local py along wing folios and bands to loc 1% overall < 1%. with pale greenish grey talc? or sep. bands, non-mag, H = 4 1/2 - 5 1/2. locally talcose. weak per. calc. 960 following is olivine peridotite, grading from fine to coarse olivine clusters over 2' to 20' sects 966-980 is sheared & brecciated 35°-60° - magnetic locally, strongest in coarse intervals 1050-1052 - intensely broken, ground (tab. not listed)? 1082-1084.5 - very fine grained, grey, grading into soapstone but had contact, sheared at 80°</p>	<p>940-945 945-950 950-955 955-960</p>	<p>72717 .010 72718 .002 72719 .002 4395 .005</p>
1084.5-1136	<p>metavolcanic - Medium to dark grey, "felsitic" (except basal) V. Siliceous, loc mag., py < 1% contains rounded xenoliths to 1 cm, loc. greenish sects. - local pillow selvages of black org. material. 1110-1113 - green and white gk on with v minor red jasper, appears as silica filling along edge of pillow? local calcite veinlets & fract fillings</p>		
1136	End of Hole.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 15, 1988 PAGE: 1 OF 4

HOLE NO. N88-67 DIP -60 AZMIUTH 340° LOGGED BY MH SANGUINETTI

CORE SIZE BQ TOTAL FOOTAGE 886 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 426' 63.5 curv - 56° LOCATION: 19+00N 26+00W

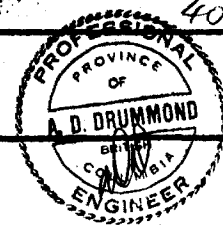
CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 154

DRILL TIME: START April 13 FINISH April 15 N MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS unable to drill past 424 due to squeezing

< NOREX >

40 boxes



FOOTAGE	DESCRIPTION																												
0-152	Overburden.																												
152-187	Peridotite and pyroxenite, black, H+S, magnetic, local calc seams, 160-162 bixid, white calcite, shear at 25°. local fractures and faults @ 172, 183. bounding fault at 187 - 4" gouge @ 30°.	30°																											
187-230	Pinkish Arkosic metasediments interbedded with green quartz chlorite schist (of vol? origin?). 187-190 - fault zone - 3' lat, fault @ 30° strike gts, chl, + red-brn sil sed. Tr Py, hem. loc carb. 190 to ~200, 2' ground, red-brn sil metased, H+S, wide + fine gts stockwork Py 41%, non mag. 200-210, alternating brown metased arkose and green gts chl schist with metased predom., loc mag in red-brn sects, all conformably fol'd @ 30°, local carb in green unit with frag bent on faces. 210-230 - predominantly green chl sch and white gts, well fol'd @ 30°, sec 45°.	<table border="0"> <tr><td>187-192</td><td>72720</td><td>.005</td></tr> <tr><td>192-197</td><td>72721</td><td>.010</td></tr> <tr><td>197-202</td><td>72722</td><td>NIL</td></tr> <tr><td>202-207</td><td>72723</td><td>NIL</td></tr> <tr><td>207-211</td><td>72724</td><td>.002</td></tr> <tr><td>211-216</td><td>72725</td><td>.002</td></tr> <tr><td>216-221</td><td>72726</td><td>.002</td></tr> <tr><td>221-226</td><td>72727</td><td>.002</td></tr> <tr><td>226-230</td><td>72728</td><td>.015/.010</td></tr> </table>	187-192	72720	.005	192-197	72721	.010	197-202	72722	NIL	202-207	72723	NIL	207-211	72724	.002	211-216	72725	.002	216-221	72726	.002	221-226	72727	.002	226-230	72728	.015/.010
187-192	72720	.005																											
192-197	72721	.010																											
197-202	72722	NIL																											
202-207	72723	NIL																											
207-211	72724	.002																											
211-216	72725	.002																											
216-221	72726	.002																											
221-226	72727	.002																											
226-230	72728	.015/.010																											
230-257	Metasediment, greywacke, 18" pink arkose followed by grey mud well fol'd gts, magnetic, siliceous H+S cut by frag white gts veins, Tr Py, fol'd @ 30°, 242-244 intensely broken up, some core lost, - occasional rounded porphyroclasts or inclusions of red + white (gts + jasper?) inclusions to 1/4". becomes pinkish (arkosic) within layers of 12"-14" within lower part of unit; bottom 1/2" chert (bleached) margin conformable.	35°																											

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
257-345	<p>Green (light) Quartz-Chlorite Schist & fragments of bleached green & tan ultra mafic (ghosted) spinifex locally at 308' hematite, H ~ 6-6 1/2 locally brecciated throughout - Py < 1% gen assoc with chlorite</p> <p>258-264 sheared ~ 20° brecciated with white qtz + some local jasper and hematite</p> <p>266-270 - frag qtz on of qtz + magnetite veins @ 20° distorted and chlorite</p> <p>275-276 - reddish brn arkose with qtz streaks, sheared Py < 1%, sheared with qtz veins to 277, purple brown stain</p> <p>277-329, green qtz chl sch & altd bleached green and tan UM, frag qtz on; pyroxene < 1%, non calc. foln 40° at 304 40° @ 314 30° @ 326</p> <p>289-296 - increased qtz veins,</p> <p>329-336.5 Pink to pinkish grey arkose sed, H ~ 6 non-mag, fol'd @ 40° non-calc. Fr py. bittes? altd to chlorite (& sericite?)</p> <p>336.5 - 345 light green qtz chl (UM) schist as above, fol'd 35° and flow text'd, becoming chlorite, py < 1%, non-mag but increased brn at bottom, not disrupted by foln. - at 342' are 2"-3" pcs of light brown (pinkish) arkose fragments.</p>	<p>257-262 72729</p> <p>262-267 72730</p> <p>267-272 72731</p> <p>272-277 72732</p> <p>277-282 72733</p> <p>282-287 72734</p> <p>287-292 72735</p> <p>292-297 72736</p> <p>297-302 72737</p> <p>302-307 72738</p> <p>307-312 72739</p> <p>312-317 72740</p> <p>317-322 72741</p> <p>322-329</p> <p>329-336.5</p> <p>336.5-348 72744</p> <p>341-345 72745</p>	<p>.002</p> <p>.005</p> <p>.005</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>.015</p> <p>.005</p> <p>NIL</p> <p>NIL</p> <p>72742 NIL</p> <p>72743 .002</p> <p>NIL</p> <p>NIL</p> <p>.002/.002</p>
345-400	<p>Blacks Quartz-chlorite-Talc (sericite) Schist fine grained, magnetic, (strongly mag over short intervals) H ~ 4- upper contact bleached to light brown, faulted (40°) 6" qtz & grey felsite? at 347, brecciated, pyrite 1-2%</p> <p>371-372 - qtz & felsite material @ 30°, conformable.</p> <p>- sericite is yellow to greenish and finely laminated in sects. Pyrite is 1-2% from 345-350 then reduced to about < 1% from 375-382 are increased siliceous sections, as if few. siln of sed - but textured</p> <p>382-390 - thin layers and beds of dark greenish tan spinifex text'd UM, H ~ 5 1/2 - 6, minor qtz bands, sericite & Tr py. local distortion as folding or flow. fol'd @ 50° at 388.</p>	<p>345-350 72746</p> <p>350-355 72747</p> <p>355-360 72748</p> <p>360-365 72749</p> <p>365-370 72750</p> <p>370-375</p> <p>375-380</p> <p>380-385</p> <p>385-390</p>	<p>.002</p> <p>.002</p> <p>.005</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.002</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>390-396 - Bx'd gtz-chl-talc (ser) Schist, bands of alt'd pyritic (laminated) sil sed $\frac{1}{2}$" conformable, appear as mixture of UM schist, meta seds, sheared & bxx'd, H ~ 4-5. local weak mag. occ clast of "sy trach" type material.</p> <p>396-400 - "Syenite Trachyte" type mineralized: with 2-3% py. separated by 5' of talc schist in centre and 12" of fault at bottom which 3" is clay/talc gouge. folia & fault conformable @ 60°, - non calc. dark olive tan, H ~ 4-5, main seg of "solid" sy trach is 398'-398'-8". very sparse gtz veins & no hairline veins.</p>	<p>390-393 393-396 396-398 398-400</p>	<p>72755 .002 72756 .030 72757 .010 72758 .070/.060</p>
<p>400-505</p>	<p>Fault contact</p> <p>Peridotite, black, magnetic, locally differentiated into pyroxenite with clusters of soft bl pyroxene to $\frac{1}{2}$" usually $\frac{1}{8}$-$\frac{1}{16}$"</p> <p>Fault 390-435 upper contact - faulted/sheared at 35°-45° to 404' with main gouges at 400 & 402. local bl sil frags in fault, with gtz stockwork in 404-423 alternating solid pyroxenite.</p> <p>423-434 - 5' core ground - fault zone, by clay/chl gouge, local gtz frags distorted.</p> <p>430-432 is red brn sil, py syenite pcc to 6", 1-2% py, cut by gtz stockwork.</p> <p>434-480 red massive black pyroxenite loc mag, loc calc. occ shearing, H ~ 5.</p> <p>480 - calcite 2" veins @ 30° - as end of flow.</p> <p>492, 494, 496 - bxx'd calcite veins @ 30°, layered transitional contact in situ</p>	<p>400-405 405-410 410-415 415-420 420-425 425-430 430-435 435-440</p>	<p>72759 .002 72760 .002 72761 .002 72762 NIL 72763 NIL 72764 .002 72765 .020/.030 72766 NIL</p>
<p>505-652</p>	<p>Olivine Peridotite, black with very fine to co lt green olivine phenos, H ~ 5$\frac{1}{2}$, non-calc, weakly mag, mil py. alternating bands of crst to fine ova 5' to 20' - lower 4' of interval f. qz. with thin layers of bl talc.</p>		
<p>652-673</p>	<p>Soapstone breccia, black, H ~ 4, bxx'd & distorted in flow as at 40°, weakly calc. fract'd with calcite filled fracs; local bxx cemented with calc & gtz?, becomes harder H ~ 5 by 660, fol'd @ 30°, 654-655 - fault? broken up, sheared @ < 30°.</p>		

D38
7.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
673-785	<p>steeply @ 30°, appears as flow edge; nil py. conformable shear contact at 30°</p> <p style="text-align: right;">30°</p> <p>Olivine Peridotite, coarse clusters, black, locally clusters merge, some fine sections, gen. strata, - upper 12' of interval non-mag., as well as 4'-6' intervals adjoining carbonated breccia contacts (between flows) - balance is magnetite. loc. calc. nil py. 756 - 2" gauge - lower 30' of unit is progressively finer grained to shear contact @ 785 @ 50°, bottom is non-mag.</p>		
785-807	<p style="text-align: right;">50°</p> <p>Soapstone and altd. UM breccias, dark grey breccia mostly black, H ~ 4 1/2 - 5; burr frag to 1" x 1/2", slicked 40" @ 796 35" @ 805 upper part of unit appears as text'd UM breccia, nil py, pers. calc. thin 2" fault gouge at 801 and 1" on lower fault contact.</p>		
807-886	<p style="text-align: right;">60°</p> <p>Olivine Peridotite, coarse. black loc mag, black Soapstone fracture fillings. loc carb. H ~ 5. nil py. Erect unit & broken core with slickensides at curved angles 849-855 - with wider spaced breaks to 870 - loc Soapstone / calc at 881 886 - hole lost, pulled rods to change bit, stopped at 426, by squeezing, could go to 424 without water but stopped at that point. reliable core.</p>		
886	FOH.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 16, 1988 PAGE: 1 OF 8

HOLE NO. N88-68 DIP -60° AZMIUTH 160° LOGGED BY M.H. SANGUINETTI

CORE SIZE BQ TOTAL FOOTAGE 1036 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 500' -50° 1026' -48° LOCATION: 24100 N ; 24100 W

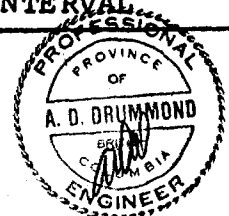
CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 20

DRILL TIME: START April 15^N FINISH April 20^D MECHANICAL TIME Drive of Lincoln motor, etc.

MISCELLANEOUS PROBLEMS <NOEX>

0.36 opt Au over 2' from 373-375'
or 0.12 opt Au over 7' from 373-380'

FOOTAGE	DESCRIPTION	INTERVAL
0-18	Overburden	
18-159	Metavolcanics, light grey-green, massive, H ~ 5 1/2 - 6, locally siliceous, foliated 60° @ 45', 50° @ 80', wgs injections Py < 1%, mostly in siliceous intervals as 37-39, 56, - some pillow selvages, 75-76, 91, 110-111. minor sericite & epidote 112-147 foliated with sericite @ 30-45°, py < 1% Calc, non mag, H ~ 5 1/2, thin 116' @ 40°, 2x py on folia; occ 1/4"-1/2" lam layers 129' @ 50° 137' @ 35° lower 10' is br'd coarse, showing py in thin quartz int. intervals 145-159, interval of sl. coarse grained but showing deformation fabric 156-158 locally sericite folia with quartz veins cut through with pyritized graphite on healed fault. py > 1% over 1/2" intervals veins @ 40°-55°, loc. calc + wgs, vns at 157-16" foliated metavol, vfg lt grey green, H ~ 5 1/2 non-calc.	ASSAY
159-191.5	Quartz-Calomite-Talc Schist - medium olive green, dull, non-mag, locally calc., minor layers, seams of pale green (milky green) serpentines - foliated and br'd @ 161' @ 50° by 166 becomes soapstone schist, then grades into fol'd (subtle) soapstone brx, textured, py < 1%, appears as alt'd vns. 179-181 - 2-6" sections of coarse alt'd flow or dyke then 181-183 to greyish, conformable alt'd flow or dyke, Nil py, non-mag, calc, andalusite??	60° 40



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
191.5-261	<p>183-191.5 textured "soapstone", Chlorite-Talc (Qtz) Schist fol'd 55° \cap 191'</p> <p>M volcanics, grey green to dark green-grey, H \approx 5 1/2 non-mag. calc.</p> <p>at 191.5 is bxd \cap 50°. contains masses of g. light greenite to 198, py crs subh dissem $< 1\%$. Thin bands of py at 196, with minor graphite on shear faces \cap 60°; sild H \approx 6.</p> <p>198-255 gradual contact to 201', is siliceous, H \approx 6. slightly porphyritic, fol'd \cap 50° - to dark green Gabbroic Dyke, (feldspar porphyry replacement?), py $< 1\%$ as crs subh dissem tubes & clusters. locally weakly calc.</p> <p>245-246 lt grey fine grained dyke, mil py, non-mag, weak pers. calc., thin hairlike chll margins.</p> <p>255 gradual contact of coarse gr. dark green feldspar porphyry - Gabbro with dark siliceous (py $\approx 1\%$) interval, minor arsenite seams becoming light grey to 261.</p> <p>lower \approx 3' foliated, arsenite py $\approx 1\%$ coarse subh xal and bands \cap 50°.</p>	255-261	72767 NIL
261-282	<p>Ultramafic Flow: Apsidite texture, locally coarse (to 1"), dark blue green to black, locally talcosa on brx sects (black) H \approx 5, non-calc, non-mag, mil py.</p> <p>grades into UM. dark green vol at 271 - with g₃ and 55°.</p> <p>271-282 - Dark green metavol, py $< 1\%$, fg. H \approx 5 1/2, few brxd & contains g₃ & g₃ (arsenite), few limonite staining on fractures</p> <p>lower contact gradational and brxd over 2' \cap 35°, py $< 1\%$ and noted on fract faces.</p>	261-267	72768 NIL
		267-272	72769 NIL
		272-277	72770 NIL
		277-282	72771 .005
282-287	<p>Syenite Dyke, light grey/tan, med-crs gr. fol'd \cap 40° at upper end, arsenite, fine py $< 1\%$, H \approx 6 1/2.</p> <p>bottom is brxd and foliated and silicified, with fragments of UM + schistose chl sc</p>	282-287	72772 .002
287-302	<p>Quartz-Chlorite Schist, H \approx 6 1/2, grey to dk green, brxd. containing numerous frags of Syen, g₃, dyke? UM vol and spinifer, Py $< 1\%$, non-mag, fol'd 40° \cap 290'</p> <p>293.5-295.5 - White bull of um (minor magnetite) loc ser, upper contact \cap 45°, lower contains red brown sly with white of stockwork + 6" at bot in schist.</p> <p>295.5-302 - Qtz-Chl (Talc) Schist, increasing altn to talc - foln \cap 60°</p>	287-290	72773 NIL
		290-293.5	72774 .002
		293.5-295.5	72775 .005
		295.5-299	72776 NIL
		299-302	72777 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
302-304	Syenite dyke - Red brown, intense qtz stockwork, py $\approx 1\%$, non-mag, non-calc, loc chlorite on upper contact over 8"; darker "alteration" contact and brxn.	302-304 304-306.5 306.5-310	72778 .002 72779 NIL 72780 .002	
304-373	Quartz-Chlorite-Talc Schist, dark dull green to black, considerable ultra mafic component, a text'd brx in places, py $< 1\%$, H $\approx 4-5$, loc weak calc. 306.5-310 white quartz with minor magnetite folded into chlorite brx, basal talc, fol'ding. 310-320 Syenite dyke, light pinky tan; few sil'd H $\approx 6\frac{1}{2}$, med to f.g. (biogenic chlorite), occ mag, and magnetite. py fine $< 1\%$, cut by occ white qtz magnetite veins $1-2"$, 320-325 fol'd and brx'd Q-C-T schist with about 50% white qtz /mag veins, irreg, fol' 327 @ 60° , 329-335 - sheared weakly, extensive qtz /mag and folded & fol'd subff/cd. 1" gouge at 30° @ 33' 341 fol'd @ 60° 342-343.5 Syenite dyke, dark maroon brn mag, sil'd, cut by haulin white qtz stockwork, slight porphyritic, to Py, vein at blind dyke, as part fillings, late. 349-351 - Syenite dyke, Dark maroon-black biotite Syenite, fol'd @ 60° , py $< 1\%$ lgs is stringy, H ≈ 6 , variable bi layers as flows, non-mag 355 fol'n @ 35° . 357-358 - (C) Ch Talc Schist, appears "gittern" sect with $\approx 1\%$ calc dissemin py. from ≈ 356 to 373 appears more as a Talc-Chl- Qtz breccia; schistosity has decreased, loc. soapstone frags + others appearing VM. 372-373, bleached lt green, sheared 30° , $\frac{1}{2}"$ sandy gouge	50° 310-315 315-320 320-325 325-329 brx'd 40° 60° 60° 50° 65° 60° 30°	329-335 335-342 342-349 349-351 351-355 355-360 360-365 365-370 370-373	72781 .002 72782 .002/.002 72783 .002 72784 NIL 72785 .002 72786 NIL 72787 NIL 72788 NIL 72789 NIL 72790 NIL 72791 NIL 72792 NIL 72793 .002
373-375	"Syenite Trachyte" - dark purple grey, H $6\frac{1}{2}$ per. sil'd, cut by white qtz + qtz mag + black qtz stockwork (as shrinkage cracks). pyrite banded at 40° partially brx'd + healed with black talc, loc py $\approx 3\%$, bottom contact brx'd, trace Ag, minor secondary brx	373-375	72794 .300/.340 .370/.370 AV. 362	

check to AS when spirit
72794
AV. 362

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
375-440	<p>Quartz-Chlorite-Sericite Schist, light grey-green, few silicified Hn 5-6, well fol'd, Tr. Py. dissem, contains darker interval non-fol'd which may be mafic inclusions or dykes? weak few carb. non-mag., minor amts of manganite, local folding & disturbance with included bands of Syenite? or Sed? -</p> <p>foln 389 @ 60° 380-383 - Hn.</p> <p>387.5-391; coarser text, fol'd 50°, Py < 1%, - lt disc um green, dioritic??</p> <p>395-396; - alt'd syenite dyke? foliated, biotite to sericite & manganite, foliated @ 40°, conformable contacts, foln 398 @ 40° 406 @ 40°</p> <p>- from 399 - increased amount of manganite to Q-Ch-M (Ser) schist, 406-406 fol'd - biotite/sericite rich, fol'd py < 1%</p> <p>408-417 darker fol'd interval of bro'd qtz-bi (lipidolite) (brownish) sericite schist, non-mag, some pyg flds, py < 1%</p> <p>417-440 - Quartz-chl - Manganite schist interbedded with narrow grey and tan felsitic siliceous intervals larger ones at 424-425, 427.5-429, 432-432.5, 434.5-435, 436-437, py ~ 1%, these closely resemble sy biact but are slightly coarser, py ~ 1-2% on folns, locally sericite, shear foln 4 x part a bedding?</p> <p>foln 425 @ 45° 435 @ 45°</p> <p>437-440 - qtz ser mag schist, emerald green over short interval fol'd 45°</p>	<p>375-380 380-385 385-390 390-395 395-400</p> <p>400-405 405-408 408-413 413-417 417-420 420-424 424-427.5 427.5-429 429-432 432-435 435-440</p> <p>72800 72801 72802 72803 72804 72805 72806 72807 72808 72809 72810</p>	<p>72795 .020 72796 .005 72797 .010 72798 .005 72799 .005</p> <p>.015/.020 .005 .010 .002 .005 .010 .005 .010 .015 .010 .010</p>
440-485	<p>45</p> <p>Conformable Contact, becomes darker ^{green} to a Quartz-Chlorite Talc (Sericite) schist, appears to be a chlorite/Talc/Mang chemical contact</p> <p>noticeable increase in UM frags. and more talcose, becomes loc. magnetic, foln becomes distorted with local pyg flds. Py gen < 1% except in sil'd sect's where it approaches 1%. Hn 4 1/2 - 5, except in sil sect's where it ~ 6.</p> <p>440-446, sil'd Hn 4 1/2 foliated, brownish grey, dark foln 40° py ~ 1% lower 2' is bro'd, coarsely resembles sy tr mixed with chl sch & sil'd, sericite, at upper part has gneiss? spots resembling a meta gneiss?</p>	<p>440-446 446-450 450-455 455-460 460-465 465-471</p> <p>72811 72812 72813 72814 72815 72816</p>	<p>.065/.065 .010 NIL NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>446-453 becomes more talcous and sheared @ 60° frg pty fldy of thin pty horizon of schist. Fault 453-455.5 green chlor clay gouge. Shearing of quartz, soapstone brx schist continues through to fault at 485' with fault gouges at 460.5-461, 462-464 and intensely sheared slaty 060°-045° gouge 471(2"), 481-484 intervals, 486(6") 476-478', fol'd @ 40° Main Fault zone 453-486'</p>		
	<p>- 471-485 is sheared talc schist as a soapstone breccia 474-476, pty on brx and sil'd. flds?, dark py to black, local red hem stain on shear face, py to 1% in seams and dissem in gouge, loc mag. fault contact.</p>	<p>471-474 474-476 476-481 481-485</p>	<p>72817 .002 72818 .015/.015 72819 .002 72820 NIL</p>
485-521	<p>Pyroxenite, black, coarse grained grading to fine grained and becoming silicified in lower portion than 510' on. Magnetite, mil py, low calc. local 1"-2" calc-sil bands (between flows?). gradational</p>		
521-615	<p>Black, fine grained (soapstone) siliceous H-t pyroxenite, breccia, - grading through with decreasing silicification to foliated black soapstone breccia by 545. H-t-6 1/2, magnetite foliated 530 @ 50° 544 @ 60° 560 @ 50° crosscutting quartz and quartz-carb veins then decreased. local pty kinkens. Py occurs as dissems, slts and on fractures from 521 on. local shearing at 551 @ 45° 562 @ 60°-563. Brxm in frags of UM and calc-pty schist. 569.5-571.5 - dark brn-black silicified matrix with py 1-2% dissem & on frags of brx, fol'd irreg @ 30° appears as a sil'd galena with lt kinkens mag. similar silicified zone 576-577, and add'l 6" pcs in fld soapstone brx, conformable</p>	<p>521-526 526-531 531-536 536-541 541-546 -- 546-551 - 551-556 556-561 561-566 566-569.5 569.5-571.5 571.5-576 576-581 581-586</p>	<p>72821 .002 72822 NIL 72823 .002 72824 .002 72825 .010 72826 .025 72827 NIL 72828 NIL 72829 .010 72830 .005 72831 .100/.100 72832 .005 72833 .002 72834 .002</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	583-584, white qtz & pinkish sect, with brn? sericite local py to 2% (crac) in black soap matrix.	✓ 586-591 ✓ 591-596	72835 NIL 72836 .002
	584-1" Cr green gouge at 90° adjoining pinkish qtz	596-601	72837 .005
	585 foln/ folding sub// on.		
	584-601 containing fold schist, soapstone bre with qtz = qtz-talc cell (Ser) Schist, H=5, mag, weak p. calc. py < 1% within sericite & brn intervals (2mm to 1cm) foln 50° & 590°. Siliceous to 601 with banded qtz/calc. pinkish.		
	601-611 fragments of pinkish qtz & qtz syenite, tan intermixed with soapstone, fold at 40°, mag. H=4-6 sheared, py to 1% to 605; then 605-611 is pinkish grey syenite, fq. mag, H=6, crude fract & foln // to schist at 40° Py 1-2% to cpq, minor sericite. "	601-606 606-611 611-615	72838 .005 72839 .025 .030 72840 .002
	611-615 - talc schist (brxd) Sheared at 60°, as above. Fault gouge 611-5-612 - green clay & white qtz pebbles, "		
615-691	Peroxenite: black coarse to fine spotted rock, mag. varies to massive black peridotite H=4.5 to local sections approaching gabbro, .. few calc. short calc/ qtz bands of white interflow; 630-631 shear/fault at 20°. 639- 2" gouge @ 30° 641, gouge and qtz carb-interflow @ 60°. 648 .1" gouge @ 20°. 654-669 pinkish gabbroic phase 60°, possibly a dyke, cut by 6" dk brn grey phase, non mag. grades into black with pinkish feldspars, mag. In places this is prob a diorite. 669-685 soapstone bre, red sheared, gritty, mag. 683-685 is fault gouge @ 50° greenish talc, calc.		
	Transitional contact - Phases -		
691-711	Olivine Peridotite, grading from coarse crystalline to Vfg. above.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
711-732	<p>Silicified fine gr (aphanitic almost) Epidotite - appears as a alicious fault / fold zone, interspersed by green / black schistose rock which may or may not be silicified, thin banded, H. 4-6" locally contains fract fillings of pale blue serpentine</p> <p>Fault 727-739 intensely crushed but not gouge</p> <p>fold of schistose rock varies from 90° to // CA.</p> <p>contains angular fragments of med gr cyanite pits. some sections are locally pyritic along fold, at 60° at 521', folds cut by fine hairline of pyrite as if following secondary plane (bedding?). ore resembles fls.</p> <p>Transition phases - abrupt change.</p>	<p>713-717 72841</p> <p>717-722 72842</p> <p>722-727 72843</p> <p>727-732 72844</p>	<p>.002</p> <p>NIL</p> <p>.002</p> <p>.002</p>
732-819	<p>Olivine Epidotite coarse grained - as above well fractured, str mag.</p> <p>740 - start of Gabbroic phase, with pink med gr feldspar as type, but</p> <p>741-743 is vfg dark brn-black sl pyrox phase H ~ 6" variably mag.</p> <p>743 - med gr gabbro, (diab) as before.</p> <p>752 end of gabbro - grades into olivine peridotite over a 24" interval with an abrupt change at 752. Oliv. Epid contains trace to 819 with variable changes in grain size</p> <p>Fault at 759, 764</p> <p>showed 781-783 @ 50° - considerable slick. pec.</p> <p>791-793 @ 15° - br'd and white'd pec.</p> <p>lower most sect is vfg. Oliv Per. (1mm scale) as if a margin</p>		
819-1036	<p>Metasediments, dark green to black, vfg. (aph) schist, sil'd H ~ 6", except where foliated H ~ 5"</p> <p>Pg nit to 1% with bands and elongate blots 1 x 1/4" in bedded sects, weakly magnetic in fold intervals, strong in interbed massive (sublebedding). some light green sil (argillite) interbeds, appears as iron fm. but absence of hem.</p> <p>fold 70° @ 822</p> <p>50° @ 831</p> <p>50° @ 846 - appears as kampfels or meta argillite black + dark green with oxid. fold + pg to 1/2%, strongly mag.</p>	<p>819-824 ...</p> <p>824-829</p> <p>829-834</p> <p>834-839</p> <p>839-844</p> <p>844-849</p> <p>849-854</p>	<p>72845 .005</p> <p>72846 .002</p> <p>72847 .005</p> <p>72848 .002</p> <p>72849 .010/.010</p> <p>72850 NIL</p> <p>72851 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	854-858 - slightly paler brn/green intruder	854-859	72852 NIL
	858-872 - black/brown flint	859-864	72853 .002
	872-970 - dark brn foliated, as if layered argillite which has been deformed. brn & black layers of ~ 3mm - 1cm thick, py 21-1% grades to black predominant then back.	864-869	72854 .002
		869-874	72855 .002
		874-879	72856 NIL
		879-884	72857 NIL
		884-889	72858 NIL
	916-918 - Breccia zone, cemented by white gts & pink calcite, bleached - py over 1%.	889-894	72859 NIL
		894-899	72860 .002
		899-904	72861 .002
		904-909	72862 .002
		909-914	72863 NIL
	921-922 thin breccia zone, bleached, calcite + minor quartz and serpentine. whole section has v. fine py & gen strong magnetite.	914-919	72864 .002
		919-924	72865 .002/.002
		924-929	72866 NIL
	961-987 - short sil'd bands appear as alt'd and resorbed syenite, as if dykes absorbed by sed.	929-934	72867 .002
	from 970 brown bands are more irrag & tend to more siltstone layers, larger. may be fold box.	934-939	72868 NIL
	foln - 60-75°	939-944	72869 NIL
		944-949	72870 NIL
		949-954	72871 .002/NIL
		954-959	72872 NIL
	996 - orange/gts calc v. py sed - to 999 and 1029-1033.	959-964	72873 .002
		964-969	72874 .002
		969-974	72875 NIL
	by 1006 are possible cross bedding as if a 284/gts, in loc grey sedts,	974-979	72876 NIL
	1027-1027.5 and 1033-1036, greyish syenitic dykes? appear as if intruding gts.	979-984	72877 NIL
		984-989	72878 .002
		989-994	72879 NIL
		994-999	72880 .002
		999-1004	72881 .002
		1004-1009	72882 NIL
		1009-1014	72883 .002
		1014-1019	72884 .002
1036	End of Hole.	1019-1024	72885 NIL
		1024-1029	72886 NIL
		1029-1036	72887 .002

PROPERTY NEWFIELD

HOLE NO. N-88-68

PAGE: ^{FILL-IN} ASSAYS OF

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<i>Additional samples</i>		
485- 521	PERIDOTITE - MASSIVE, MEDIUM-GRAINED TO COARSE GRAINED. TRACE TO NW PYRITE 485' - 1% BLUISH QUARTZ STRINGERS WITH 2% PYRITE	485-490 1325 490-495 1326 495-500 1317 500-505 1318 505-510 1319 510-515 1320 515-520 1321 520-521 1322	.002 NIL NIL NR NIL NIL NIL .002

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 23/88 PAGE: 1 OF 4

HOLE NO. N88-69 DIP -60 AZMIUTH 160° LOGGED BY M.H. SANGUINETTI

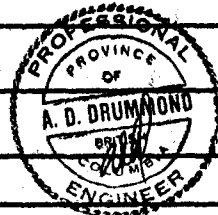
CORE SIZE BQ TOTAL FOOTAGE 756 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 741' at -56°, 155° LOCATION: 24+00N 28+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 112

DRILL TIME: START APRIL 20/88 FINISH APRIL 26/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS <NOEX>



472-479 - 1.188/7'

FOOTAGE	DESCRIPTION	ASSAY INTERVAL
0-110	Overburden	
110-451	<p>Olivine Peridotite, Black with alternating fine (2cm) to coarse (1cm) clusters of green olivines. mag. H ~ 5 1/2, non-calc., nil Py.</p> <p>130. shear at 45°. 139 shear at 35°. 170-172 - loc shearing @ 45°. 192-198 - broken and sheared @ 40 & 55°. 206 - shear @ 20° calc veins. 226-240 wide spaced shear - loc. calc veins @ 35°. 265-276 - wide spaced shear with calc partings @ 40-60°. 284-286 - irregular fracture zone. 365 fault at 15°, 1/2" gouge. occ py on shears at 371 @ 60°, 378, 393-394 broken shear zone. 404 - fractured 70°. 447 - 2" carb/gtz flow top? @ 40°.</p> <p>- from 436 becoming vfg. and more talcose - lower contact gradational into a black soapstone - H - 4 1/2 - 5</p>	<p>440-445 1323 .002 445-448 1324 .002 448-452 1325 .002</p> <p>452-456 1326 NIL 456-459 1327 .002 459-462 1328 NIL</p>
451-472	<p>Black Soapstone Breccia - tending to dark green. locally calc, H ~ 4 1/2, non-mag, to Py. very talcose on shears.</p> <p>456 Shear/foln 35°-40° Fault 461-462 @ 45°, talcose gouge. 462 on is small frag breccia fol'd @ 50° with incr qtz and qtz-magnetite & calc frags; py min to 1/2% locally on faults at 468 foln shear at 35° from 469, minor pieces with py, occ sg to with 5% py, frag qtz with frags.</p>	<p>V 462-467 4431 .005 V 467-472 4432 .015</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
472-521	<p>Becoming chaotic breccia sheared 20° & 40° to 60°, av py < 1%</p> <p>40° faulted contact, lithology is gradual but pyrite increases rapidly.</p> <p>"Syenite Trachyte Breccia", black to grey to tan segments, cut by quartz and quartz carbonate stockwork.</p> <p>Upper segment 472-483.5 dark grey to black matrix, siliceous H ~ 6 1/2, Py division on hairline fracture at 3-5%, crude folds from 40° to 60°. cut by 1/4" late stage quartz veins with adjacent pale green serpentine selvages at 15° - 35°, these contain free gold, up to 1/8" x 1/4" at 474.5' and 478-479. Nil arseno, non-mag.</p> <p>483.5-486, lighter brn, finer fragments and more white magnetite / quartz / calc matrix with lt tan-grey sy tr fragments. local talc clasts, py 1-2%. 2" white qtz on at 486 @ 40°. Minor scintill throughout, tan clasts are not pyritic. Py is euhed.</p> <p>486-497 grey breccia and fault zone, very talcose with > 50% black talc fragments, some black sil. d. Py .5-1%, H ~ 4-6, cut by prep qtz & quartz mag veins at 40°; fault gouges 494-496 within silicified zone rubbly gouge minor clay, some dark green UM frags, fault @ 40°. Grey (lt) sy trach cut by qtz stockwork.</p> <p>497-515 - alternating light tan sil sy tr and dark green and dark grey talc, alt'd UM. all breccia & cut by late qtz stockwork. Lt grey has hairline brittle qtz veins. Pyrite ~ 1% small, decreased in talc sections. see ptyg flds of qtz layers, almost schistose. 1/2" fault gouge @ 45° at 515. non-calc.</p> <p>515-521 - med grey / tan, siliceous, fold @ 50°. H ~ 6. V. fine py ~ 1% or less. plus grey mineral? & spec here at 519 - Note euhedral py. 3" fault gouge, rubbly clay, at 521 @ 50°, lower interval breccia over 12".</p>	<p>472-475</p> <p>475-479</p> <p>479-483.5</p> <p>483.5-486</p> <p>486-491</p> <p>491-494</p> <p>494-497</p> <p>497-500</p> <p>500-505</p> <p>505-510</p> <p>510-515</p> <p>515-518</p> <p>518-521</p>	<p>4433 .385</p> <p>4434 1.79</p> <p>4435 .075</p> <p>4436 .070</p> <p>4437 .030/.025</p> <p>4438 .020</p> <p>4439 .015</p> <p>NOTE: Pulp & Metallics Assay on 4433 to 4436</p> <p>4440 .065</p> <p>4441 .100/.100</p> <p>4442 .045</p> <p>4443 .005</p> <p>4444 .075/.075</p> <p>4445 .069/.060</p>	
	521-580	<p>Dark green to black - Soapstone Breccia sheared & foliated, loc mag. loc weak calc, py tr.</p> <p>H ~ 4-5 fol'd / sheared 40° @ 527 35° @ 541</p> <p>546-553 - dark purpl black Biotite Syenite dyke = kampfophane. appears coarsely banded, fresh; mag; H ~ 6, weakly calc mil py; broad chill margins. lower contact breccia.</p>	<p>521-526</p> <p>526-531</p>	<p>4446 NIL</p> <p>4447 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>553-580 Increased amount of fragments of Bi-Sy dyke in Tale Soapstone brx. local dark green talcose UM frags drawn out by shearing. Mag., loc calc., Hz 4-5, minor Sn.</p> <p>foln 561 @ 70° 576 @ 40°</p> <p>noticeable pink hematitic staining in gts + calc. veinlets, Tr. Py.</p> <p>Shear/fracture 560° @ 60° 573-574 @ 35°.</p> <p>577-578 pink gts + calc., vuggy veinlets @ 55°.</p>	<p>571-575 1329</p> <p>575-579 1330</p> <p>579-583 1331</p> <p>583-587 1332</p> <p>587-591 1333</p> <p>591-595 1334</p> <p>595-599 1335</p> <p>599-603 1336</p> <p>603-607 1337</p> <p>607-611 1338</p> <p>611-615 1339</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p>
580-586	<p>MAJOR FAULT. 60° Fault zone, light green, rubbly clay, calc/talc + quartz fragments + occ grey/tan fields metasand? sil'd at 25-60' Average 30°, Tr. Py. Mag, Calc.</p>	<p>586-590 1336</p> <p>590-594 1337</p> <p>594-598 1338</p> <p>598-602 1339</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p>
586-707	<p>Quartz-talc-Chlorite Schist with dull Lt and dark green foliated UM. light grey + brown fragments, Hz 4-6. Py < 1%, non-mag, frag gts veinlets xartz.</p> <p>foln 593 @ 50° 607 @ 40° 614 @ 40°</p> <p>Exp clasts to 12" (as 595-596) of grey, sil'd, ch. tan Sy Tr &/or felsitized metaseds. + frag thin layered inclusions. loc Py to 1% as fine dissems.</p> <p>By 615 has become Quartz-Chlorite (talc) Schist with reg foliated, dull med Lt green UM, Tr. Mag? minor gts veinlets.</p> <p>foln, 50° @ 621 55° @ 635</p> <p>-637 to 707 Numerous inclusions of brecciated red, tan, brown and grey arkosic metasediment fragments, generally pyritic (<1%), hematitic, with blended contacts, trace manganese occurring in place, mostly repl chlorite/saivite - Brx: Komatiite, fol'd 651 @ 60°.</p> <p>667-690 dark greenish grey/brown thin, fld, and br'd, hematitic, loc pyg. flds of incls.</p> <p>674-683, sheared & thin, fld @ 50°</p> <p>683-694. fault zone, minor clay gouge & deformation, @ 30-60' (Av. 50')</p> <p>703-707, sericitic tan metased, fol'd, 60°</p>	<p>586-591 4448</p> <p>591-596 4449</p> <p>596-601 4450</p> <p>601-606 4451</p> <p>606-611 4452</p> <p>611-616 4453</p>	<p>NIL</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>NIL</p>
	<p>gradational contact with wip in massive gts. 60°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
707-756	<p>Quartz-Muscovite (Sericite-Chlorite) Schist well fol'd, bright-light green. plin @ 60° & 70° Py 41%, non-mag, H₂O non calc, localized grey py, & brassy in thin horizons and units 731-739 is tan sericitic, balance becomes emerald green. - local kink bands, minor fracturing fol'd 716 @ 60° 726 @ 60° 736 @ 50° 743 @ 25° kink folded. same</p>	<p>729-736 736-741 741-746 746-751 751-756</p>	<p>4454 .010/.015 4455 .005 4456 .002 4457 NIL 4458 .002</p>
756	End of Hole		

DIAMOND DRILL LOG

36 boxes

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD

TOWNSHIP GARRISON

DATE APRIL 30, 1988

PAGE: 1 OF 5

HOLE NO. N88-70 DIP -60 AZMIUTH 160 LOGGED BY M.H. SANGUINETTI

CORE SIZE BQ TOTAL FOOTAGE 724' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 716' -58° LOCATION: 23+00N 41+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 44

DRILL TIME: START April 28^N FINISH May 1st MECHANICAL TIME

MISCELLANEOUS PROBLEMS <NO REF> Hole squeezing at about 600



FOOTAGE	DESCRIPTION	CORRELATION	REMARKS
0-42	Overburden		
42-237	<p>Ultrabasic breccia and Quartz-Chlorite-Talc Schist Breccia, Dull olive green to dark greenish grey, angular med to fine breccia, foliated, calc, non-mag. Py <math>\pm 1\%</math>, core badly broken up 63-66 fault gouge 35° 118-131, fault gouge at 122-124 at $\approx 40^\circ$ and 127 at 40° and 130-131 at 50° - limonitic.</p> <p>104-120 \pm (core broken, - Schistose, UM frags elongated, with tan and grey "foliated" inclusions (f.g.) sil H-5% up to $\frac{1}{2}\%$ v.f. py.</p> <p>136-140 - dark green H-5 non-calc chlorite, weak mag.</p> <p>143-151 - Quartz and magnetite veinlets within Q-Chl-Sch lying sub// to CA. to 30°.</p> <p>151 on - Quartz chlorite schist - occasional tan frags 176 to 12" 211-213, with py <math>\pm 4\%</math>, irreg faulted contacts, frag of green UM frags. local talcose layers. Limonitic intervals (alt'd carbonate) 197, 221, 223 on each side of fractures; 179-176 kink banded, talcose 175-176, fold $\approx 40^\circ$.</p> <p>238-237 brecciated, contact zone, increased white of vein, mixture of UM, Q-C Sch (+ limonite) + "foliated" meta-volcanic. The meta vol is light grey green, sericitic, cut by fine of hairline stockwork, locally pyritic $\pm 1\%$.</p>	<p>42-46 82501 .002 46-51 82502 NIL 51-56 82503 NIL 56-61 82504 NIL 61-66 82505 NIL 66-71 82506 NIL 71-76 82507 NIL/.002 76-81 82508 NIL 81-86 82509 NIL 86-91 82510 NIL 91-96 82511 NIL 96-101 82512 NIL 101-106 82513 NIL/NIL 106-111 82514 NIL 111-116 82515 NIL 116-121 82516 NIL 121-126 82517 NIL 126-131 82518 NIL 131-136 82519 NIL 136-141 82520 NIL 141-146 82521 .002 146-151 82522 NIL 151-156 82523 .002 156-161 82524 NIL 161-166 82525 NIL 166-171 82526 NIL 171-176 82527 NIL 176-181 82528 NIL 181-186 82529 NIL 186-191 82530 NIL 191-196 82531 NIL 196-201 82532 NIL/NIL</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		201-206 82533 206-211 82534 211-216 82535 216-221 82536 221-226 82537 226-231 82538 231-237 82539	NIL NIL NIL NIL NIL .002 NIL
237-287	<p>Felsitic Metavolcanic, light greenish grey, brecciated, foliated, micritic H=5 1/2-6, occasionally weakly calc. Tr Py, non-mag.</p> <p>foln' 256 @ 50° 271 @ 55°</p> <p>269-273 - limonitic on fractures over 2"-6" width</p> <p>278 - 12" broad gts + sericite + chl ? + thin seams of fine py - 1 mm thick</p> <p>285-287 - light grey, brecciated felsitic - & alld, appears as light "Sy tr" but without the foln' text. Py occurs with thin sericite in 4" finer bed at 285, fol'd @ 50°, overall py < 1%</p> <p style="text-align: right;">45°</p>	<p>237-241 82540 241-246 82541 246-251 82542 251-256 82543 256-261 82544 261-266 82545 266-271 82546 271-276 82547 276-281 82548 281-285 82549 285-287 82550</p>	<p>NIL NIL .002 NIL .002 .005/.005 .002 .005 48 NIL NIL .005</p>
287-364	<p>Quartz-Chlorite-Sericite-(Margarite) Schist, medium to light green, foliated, non-mag, very weakly calc. py trace. Appear Margarite, etc, contains tan or grey siliceous intervals, fol'd, often up to 2% fine py along folns.</p> <p>289-290 - grey incl. - fol'd 45°, siliceous py ~ 1%, fine gts ladder stochwork in broad incl. - conformable, H=6 1/2</p> <p>304-305 - tan incl H=6, contacts non-conformable but foln's conformable @ 60° - fine flakes of margp aligned @ 60°, 305 is 4" (below contact) of limonitic Q-C-S Schist.</p> <p>Many fragments, layers & wisps of tan & white felsitic incl. after pyritiz & siliceous; contains viny pcs of lt gr. alld UM,</p> <p>foln' 296 @ 50° 315 @ 30° 325 - 5° & sub H.</p> <p>340-364 - Decrease in margarite to Qtz Chl Ser Sch & change in colour to light, dull green.</p>	<p>287-291 82551 291-296 82552 296-301 82553 301-306 82554 306-311 82555 311-316 82556 316-321 82557 321-326 82558 326-331 82559 331-336 82560 336-341 82561 341-346 82562 346-351 82563 351-356 82564 356-361 82565 361-364 82566</p>	<p>.002 .002 NIL NIL NIL NIL NIL .002 NIL .002/.005 .002 NIL NIL NIL NIL NIL NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	Foliations sub// to ct. to 20°. Increase in tan fragments (generally pyritic to 1%) from 350-364. slight increase in dark green/black talcon slip from 354.		
	transitional contact.	364-371	82 567 .002/.002
364-470	Talc-chlorite schist, with UM fragments and frog tan, grey & purple felsitic fragments elongated & distorted with bedding. Basically this is a foliated deformed breccia. H=4 except frags which are 6 1/2". Py 21%, locally to 1% in frags of tan, grey and green UM.	371-376	82 568 .002
	minor qtz at 9 1/2" mag. vein at 405-406, and 420-422, conformable.	376-381	82 569 .002
	Magnetic, Non calc.	381-386	82 570 NIL
	Fault 406 - 6" gauge at 50°	386-391	82 571 NIL
	408-409, 2x4" gauge @ 65°	391-396	82 572 NIL
	415.5-416.5 - pump syenitic (felds sed) H=7, mag amphibol contacts, @ 60°, minor bleaching of contacts.	396-401	82 573 .002
	showed 417-422 - @ 60° grading into fault zone	401-406	82 574 .002/.002
	Fault 422-448.	406-411	82 575 .002
	gauge at 422-426	411-416	82 576 NIL
	432 - 6"	416-421	82 577 NIL
	439-441	421-426	82 578 NIL
	444-447	426-431	82 579 NIL
	426-428 purple bi cy inclusion mag	431-436	82 580 NIL
	431 - 6" of Magnetite vein at 45° to Py.	436-441	82 581 NIL
	considerable qtz vein 439-445,	441-446	82 582 NIL
	453-455 pump bi cy dyke, mag	446-451	82 583 NIL
	this lower chert margin,	451-456	82 584 NIL
	from 455 large inclusions in purple & brown siliceous inclusions, as alt'd sed, deformed & fold.	456-461	82 585 NIL
	fol'd @ 50° at 468'	461-466	82 586 NIL
	60° @ 456'	466-470	82 587 .002
	transitional contact.	470-476	82 588 NIL
470-632	Quartz Chlorite-Sericite-Mariposite Schist, frag-UM fragments, light green, H 5 1/2-6 1/2, brecciated & foliated, non-mag, Py 21%, local emergence intervals, non-calc.	476-481	82 589 .002
	fold. 478-50°	481-486	82 590 NIL
	fold. 497-60°	486-491	82 591 NIL
		491-496	82 592 NIL
		496-501	82 593 .010

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	513-521 dark green Q-talcose schist with local muscovite and sericite Tr. Py., brkd + foln 40° at 516'	501-506 82	594 .010/.010
	u. jasper? or red chert, quartz at 492.	506-511 82	595 NIL
	Fault - 521-524. rubblely clay gouge @ 45° with quartz pebbles. foln 530 @ 60°.	511-516 82	596 NIL
	532-534 - min qtz veins with brn sericite + py + chlorite	516-521 82	597 .005
	approximately 50% of rock is tan fold foliated and and qtz, often up to 1/2 Tr. Py., fold + with flake of muscovite and/or sericite. - Numerous small green UH alt'd fragments, + qtz albite/magnetite veining.	521-526 82	598 .005
	foln distorted generally, but 20° @ 541	526-531 82	599 .005
	45° @ 576	531-536 82	600 .010
	50° @ 590	536-541 82	601 NIL
	50° @ 610'	541-546 82	602 NIL
	604-608 - Tan silt sect foln/cr. Tr. Py. H~6	546-551 82	603 .002
	- gradual increase in chlorite (+ talc) content from 620 to dull dark green by 632 when the rock could be called a Quartz-chlorite (talc) Schist with sericite, py Tr.	551-556 82	604 .002
		556-561 82	605 NIL
		561-566 82	606 NIL
		566-571 82	607 NIL
		571-576 82	608 .002
		576-581 82	609 .010/.005
		581-586 82	610 .002
		586-591 82	611 NIL
		591-596 82	612 .002
		596-601 82	613 .002
		601-606 82	614 NIL
		606-611 82	615 NIL
		611-616 82	616 .002
		616-621 82	617 NIL
		621-626 82	618 .002
		626-631 82	619 NIL
	Talc (Chlorite) Ultramafic Schist H~4 1/2 min qtz, layering, frequent ultramafic fragments, deformation stretched out, spinifex at 710, 690, 640, py <1%, mag, locally calc.	631-636 82	620 NIL
	foln 641 @ 40°	636-641 82	621 NIL
	660-661 fault, 1" x 2" gouge @ 40°, rubblely clay.	641-646 82	622 NIL
	665.5-670 dull dark pinkish brn Syenitoid, 70° mag, med-fg. minor white qtz streaks, py <1% loc 1% at ends, minor sericite.	646-651 82	623 NIL
		651-656 82	624 NIL
		656-661 82	625 NIL
		661-665.5 82	626 NIL
		665.5-670 82	627 NIL
	670-675, black/dark maroon breccia UH, Spinifex, H~5, v. weak mag, py <1%, spec hem staining qtz/calc? fracture fillings, foln @ 60° appears as a mix of UH + Syen (f&d).	670-675 82	628 NIL

613

632-724

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
675-684	Syenite dyke - med gr. dark brownish, cut by frag thin qtz veins & qtz-magnetite, Py 21% desiam, H=7, silicified, lower contact albd, vfg, non-mag.	675-680 82	629 .002/.002
		680-684 82	630 .002
684-690	Dark green, black talcose contact zone, hard VM frag, distorted, fold 35° @ 689 - Tr Py.	684-690 82	631 NIL
690-694.5'	and 696-699. Brown Syenites cut by frag white qtz stockwork separated by sheared VM talc schist, (F' @ 40°) gen pyrite H=6 1/2, Py 21% fine desiam + Tr on qtz veins, lower contact bleached, lower sect mag.	690-694.5 82	632 .002
		694.5-699 82	633 NIL
699-724	Dull dark green VM schist, talcose, H=5, non mag, Tr Py. shear 702-705 sheared @ 30°. thin clay on slips. frag spinifex (black/green) 706-712, faults 713 at 50° } minor sandy gouge. 721 at 45° } general increase in qtz/albite/magnetite from 706-724, after stys fldg. fold 711 @ 40° 723 @ 45°	699-704 82	634 NIL
		704-709 82	635 NIL
		709-714 82	636 NIL
		714-719 82	637 NIL
		719-724 82	638 NIL
724	End of Hole.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE May 3, 1988 PAGE: 1 OF 8

HOLE NO. N-88-71 DIP -60 AZMIUTH 160 LOGGED BY D. Howard

CORE SIZE BQ TOTAL FOOTAGE 1418 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 600' @ -56.5°; 1368' @ -48 LOCATION: 24700 N 41700 W

CASING LEFT IN HOLE: (YES/NO) CASING FOOTAGE 50'

DRILL TIME: START May 1, 1988 FINISH May 6th MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION	CORRECTION
0-50	Overburden	
50-138	Grey green, v.f.g., locally foliated 50°, med. shattered tholeiitic type meta volcanic with minor qtz/carb. veins. Mod hard 5-s.s. Possible sericite alt. to - 0.5% di py mainly along fract/fil.	50-55 83071 .005/1005 55-60 83072 NIL 60-65 83073 .002 65-70 83074 .002 70-76 83075 NIL 75-80 83076 NIL 80-85 83077 NIL
	56-71 Intense brecciation parallel to foliation, heavy chl development	
	111-112 Pink carb cemented breccia	
	56-66 limonite in fractures	
	131-138 Graphitic breccia w/ graphitic fault zone at 137-138	120-130 83078 .002 130-138 83079 .002 138-143 83080 .002 143-148 83081 NIL
	Contact 35° - Fault	148-153 83082 .002
138-193	Transition Zone - Mixed shattered gray tholeiite and dark yellowish green, variably foliated, (45-80°) highly deformed qtz-sericite-chl schist. Breccia to py in either rx type. Typical U.M. flow text. ± spinifex	153-158 83083 .002 158-163 83084 NIL 163-168 83085 .002 168-173 83086 NIL 173-178 83087 NIL 178-183 83088 .002/NIL 183-188 83089 NIL
	172 193 Well foliated gray green tholeiite dyke or fragment - contact irregular - Py nil ±	188-193 83090 NIL 193-198 83091 NIL
	196-197 Black chl. cemented breccia	198-203 83092 NIL 203-208 83093 NIL 208-213 83094 NIL 213-218 83095 NIL
	— — — Not a defined contact - show as qtz-sericite-chl schist	218-223 83096 .02/NIL 223-228 83097 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS			
193-281	Dark yellowish green, variably foliated, highly deformed, locally brecciated gtz-sericite-chl schist. Good U.M. flow texture, local spinifex, Includes frasse or dyke of bleached (gray) tholeiite material. Very low py content. Minor gtz veins.	228-234	83098	NIL		
		234-236	83099	NIL		
		236-241	83100	NIL		
		241-245	83101	NIL		
		245-248	83102	NIL		
		248-253	83103	NIL		
		253-258	83104	NIL		
		258-263	83105	NIL		
		263-268	83106	NIL		
		268-273	83107	NIL		
		273-278	83108	NIL		
		278-281	83109	NIL		
		281-286	83110	NIL		
		286-291	83111	NIL		
281-298 281'	Major Fault Zone Intensely sheared + broken, very graphitic, multi gtz veins. Upper contact 20° lower contact 30° 40% gtz. Tr py. 2' ground 284-286	291-296	83112	NIL		
		296-298	83113	NIL		
		298-303	83114	NIL		
		303-306	83115	NIL		
		306-311	83116	NIL/NL		
		311-316	83117	NIL		
		316-321	83118	NIL		
		321-326	83119	NIL		
		326-331	83120	NIL		
		331-336	83121	NIL		
298-379	Light olive gray, weakly foliated (30-35°) mod. brecciated fairly siliceous (H=5-5.5) gtz-sericite-carb schist. Contains a few frags of spinifex textured material. Unit fairly calcareous (calcite). Tr: dis py	336-341	83122	NIL		
		341-346	83123	NIL		
		346-351	83124	NIL		
		351-356	83125	NIL		
		356-361	83126	NIL		
		361-366	83127	NIL		
		366-371	83128	NIL		
		371-376	83129	NIL		
		376-379	83130	NIL		
		379-381	83131	.002		
		381				
		379	Contact 40°			
		379-381	6" gtz vein assoc. with a graphitic shear zone at 50° Nil to Tr py	379-381	83131	.002
		381	contact at 50°			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
381-428	Light greenish gray, v.f.g., very weakly foliated (25-30) moderately shaly, (has some Qtz/chl veins) tholeiitic type meta volcanic. Very hard 5.5-6. Few 1/8-1/4" Qtz veins approx parallel to foliation	381-386 83132 423-428 83133	NIL NIL
Sharp contact 35° slight			
428-456	Light olive green, weakly foliated (25-30°) mod. brecciated fairly siliceous (H=5-5.5) Qtz-syenite-carb schist (same as 298-379) with a few 6-12" zones of dark green Qtz-chl-talc schist) Tr dis py. Several 1/2-1" rassed Qtz veins	428-433 83134 433-438 83135 438-443 83136 443-448 83137 448-452 83138 452-456 83139	.002 .002 .010/.005 .002 NIL .002
	451-6" zone of 1' Qtz veins and intensely alt. buff dyke (syenite alt.) Py 1-2%.	456-461 83140 461-466 83141 466-472 83142 472-476 83143 476-481 83144	.002 NIL NIL NIL NIL
	448-449 chl rich fault zone (30°)	481-486 83145 486-491 83146 491-496 83147 496-501 83148	NIL .002 .002 .002/NIL
Contact-gradational			
456-521	Dark green, mod. well foliated (25-35°) mod well brecciated soft (H=3-4) Qtz-chl-talc schist-Tr carb. Variable py content Tr - 1% v.f.s. Tr local hematite alt.	501-506 83149 506-511 83150 511-516 83151 516-521 83152	NIL NIL NIL .002
	472-476 Dark to med. gray, v.f.s. equigranular biotite syenite or felsite dyke, Tr py upper contact 70°, lower contact 60° plus several 4-6" sections between 476 + 497. appear to be fragments		
	488-490 Fault zone - chl gouge (70°)		
Contact-gradational			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
521-623	light olive green to emerald green, well foliated (40°) locally brecciated, mod. siliceous (H= 5-5.5) gtz-mariposita-chl-z sericite schist. More sericite rich near upper ^{in lower} contact. A few sections of typical U.M. flow textured material near upper contact. Lower part of section similar to mariposita rich seds. but not exactly same. 529- 6" white gte vein - Contact 30 - not same sense. 546-548.5 Lt. tan, v.f.g., foliated (35-50) finely prop. mariposita phenocrysts foliate dyke. Tr dis py. upper contact - irregular, lower contact 50 555-559 Same dyke type as above but less mariposita, more sericite. Upper contact 50°, Lower contact 50°. both v. sharp 596-597.5 Same as above upper contact 40 Lower contact 60 613-615 same as above upper contact 70, lower contact 60 618-619 Same as above except hematitised upper contact 70, Lower contact 70° Contact - gradational	521-526 83153	NIL
		526-531 83154	NIL
		531-536 83155	NIL
		536-541 83156	NIL
		541-546 83157	NIL
		546-548.5 83158	NIL
		548.5-555 83159	NIL
		555-559 - 83160	.002
		559-564 83161	.002
		564-569 83162	.002
		569-574 83163	NIL / .002
		574-579 83164	.002
		579-584 83165	.002
		584-589 83166	NIL
		589-594 83167	NIL
		594-599 83168	NIL
		599-604 83169	NIL
		604-609 - 83170	NIL
		609-614 83171	NIL
		614-619 83172	NIL
		619-623 83173	NIL
		623-629 83174	NIL
		629-634 83175	NIL
634-639 83176	NIL		
639-644 83177	NIL		
644-649 83178	NIL		
649-654 83179	NIL		
654-659 - 83180	NIL		
659-663 83181	NIL		
663-668 83182	NIL		
668-673 83183	NIL		
673-678 83184	NIL		
678-683 83185	NIL		
683-688 83186	NIL		
688-693 83187	.002		
693-698 83188	NIL		
698-703 83189	NIL		
703-708 - 83190	NIL		
708-713 83191	NIL		
713-719 83192	NIL		
623-719	Lt. to dark green, variably foliated (35-45°) locally brecciated, chl-gtz-falc schist. Typical U.M. features - spinifer, flow texture near upper contact. Chl content quite variable, slightly magnetic Tr dis. py 659-663 Reddish gray, v.f.g. biotite syenite dyke. Mod. shatter gte veins. Tr dis. py. upper contact 40° lower contact 50° 697-698 Reddish grey shatterd, gte veined syenite dyke upper contact 40 Lower contact 90 707-708 Grey f.g. biotite syenite dyke upper contact 70, Lower contact 30 019 Contact - very irregular - intrusive		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
719-896	Reddish brown, f.s. hematite stained equigranular, shaly veined (qtz veins) syenite. Both white & grey qtz veins. Tr - 0.5% dis py. Local chl cemented breccia - angular syenite frags. Fine grained specularite common. 758-775 Dark green, well foliated (60°) qtz-chl-carb schist with frags of spinifer textured material. Mod. brecciated. Tr dis py ± cpy. Fairly heavy qtz veining. Upper contact 60° brecciated with frags of syenite. Lower contact irregular - marked by 12" qtz vein 826-831 Breccia zone 1/2 spinifer textured U.M. frags and 1/2 qtz cemented syenite frags. 1/4 chl ± cpy. Also dusting of specularite in qtz rich sections. upper contact 40°, lower contact 45° very irregular <u>Contact 60° - brecciated</u>	719-724 83193	.002/.002
		724-729 83194	.002
		729-734 83195	.002
		734-739 83196	NIL
		739-744 83197	NIL
		744-749 83198	.005/.005
		749-753 83199	NIL
		753-758 83200	.005
		758-763 83201	NIL
		763-768 83202	NIL
		768-772 83203	NIL
		772-775 83204	.010/.010
		775-780 83205	NIL
		780-785 83206	NIL
		785-790 83207	.002
		790-795 83208	NIL
		795-800 83209	.002
		800-805 83210	NIL
		805-810 83211	NIL
		810-816 83212	NIL
		816-821 83213	NIL
		821-826 83214	.002
		826-831 83215	.002
		831-836 83216	NIL
		836-841 83217	.002
		841-846 83218	.002
		846-851 83219	NIL
		851-856 83220	.002
		856-861 83221	.002
		861-866 83222	.002
		866-871 83223	NIL
871-876 83224	.005/.005		
876-881 83225	.002		
881-886 83226	NIL		
886-891 83227	.002		
891-896 83228	.002		
896-961	Dark green, mod. foliated (30-40°) chl-qtz-talc ± carb. schist. Heavy qtz veins near upper contact. locally intensely brecciated. Tr dis py ± cpy. A few narrow sections show good spinifer development.	896-901 83229	NIL
		901-906 83230	NIL
		906-911 83231	NIL
		911-916 83232	NIL
		916-921 83233	NIL
		921-926 83234	NIL
		926-931 83235	NIL
931-933 83236	NIL		
931-933	Purplish grey, f.s. finely foliated (60°) biotite (chl) syenite dyke. Tr dis py. Upper contact 60°, lower contact 85-90° cont.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
933-953	Major fault zone. Intense brecciation, gassy, black chlorite cemented gte frag. breccia. Fault foliation 40°	933-938	83237	NIL
		938-943	83238	NIL
		943-948	83239	.025/.025
		948-953	83240	.005
		953-956	83241	.002
		956-961	83242	NIL
953-956	Dark greenish gray, very siliceous, well foliated (90°) mylonitized (?) syenite(?) dyke. Dis py 0.5-1%. Numerous gte veins // to foliation. Upper contact 40°, lower contact 35°			
956 →	chl schist better foliated			
	Contact sharp 40°			
961-1014	Pinkish gray to med. gray alternating bands fine grained, very siliceous (H ₂ S ₂ -6) meta sediments. Fairly foliated (45°) Tr - 0.5% dis py - more near contacts, minor gte veins	961-966	83243	.002
		966-971	83244	.002
		971-976	83245	NIL
		976-981	83246	.002
		981-986	83247	.002
		986-991	83248	.002/NIL
		991-996	83249	NIL
		996-1001	No Sample	
		1001-1006	83250	.002
		1006-1011	83251	NIL
		1011-1014	83252	NIL
			Contact 65 sharp	
1014-1290	Light green to yellowish green, med. well foliated (35°) gte-chl ± sericite ± carb schist. Good flow textured U.M. and Spinifex. Unit contains narrow bands (1"-2") of sericite (?) alt. meta sediments (lt. yellow to purplish) Tr to 1% dis py. More assoc. with gte filled breccia zones (narrow)	1014-1019	83253	.002
		1019-1024	83254	NIL
		1024-1029	83255	NIL
		1029-1034	83256	NIL
		1034-1039	83257	NIL
		1039-1044	83258	NIL
		1044-1049	83259	.002
		1049-1054	83260	.002
		1054-1059	83261	NIL
		1059-1064	83262	.005/.002
		1064-1069	83263	.002
		1069-1074	83264	NIL
		1074-1079	83265	NIL
		1079-1084	83266	NIL
		1084-1089	83267	NIL
		1089-1094	83268	NIL
		1094-1096	83269	NIL
		1096-1102	83270	NIL
		1102-1105	83271	NIL
		1105-1109	83272	NIL
1109-1113	83273	NIL		
1113-1118	83274	NIL		
1118-1123	83275	NIL		
	all unfoliated. Dis py Tr ± Contact. 35-40° - minor breccia in schist.			

cont.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1143-1157	Greenish gray, v.f.g. faintly foliated, felsite porp. dyke slightly porp. - chl pheno in foliation H= S.S-6 Tr. di. cp. + py upper contact 50°, Lower contact - jagged NW	1123-1128 83276 1128-1133 83277 1133-1138 83278 1138-1143 83279 1143-1147 - 83280 1147-1152 83281 1152-1157 83282 1157-1162 83283	NIL NIL NIL 0.002/NIL NIL NIL NIL
1157-1162	Purplish meta sed. - arkosic type in part med. grained lower contact 55°	1162-1168 83284 1168-1173 83285	0.002 0.002
1180-1182	Yellowish brown meta sed.	1173-1178 83286 1178-1183 83287	0.005/0.005 NIL
1218-1217	Purplish v.f.g. meta sed. upper contact 20° Lower contact - brecciated	1183-1188 83288 1188-1193 83289 1193-1198 - 83290 1198-1203 83291	0.002 0.002 NIL NIL
1222-1229	1/4-1" clots of sheared py caught up in foliation zinc mod. brecciated	1203-1208 83292 1208-1213 83293 1213-1217 83294 1217-1222 - 83295 1222-1226 83296 1226-1229 83297	0.005/0.002 NIL NIL 0.002 0.002 0.002
1256-1290	Well brecciated (healed) varicoloured purple, green and reddish meta sed.	1229-1234 83298 1234-1239 83299 1239-1244 - 83300 1244-1249 83301 1249-1254 83302 1254-1259 83303 1259-1264 83304 1264-1269 83305 1269-1274 83306 1274-1279 83307 1279-1284 83308 1284-1289 83309 1289-1290 - 83310	NIL NIL NIL NIL 0.002 0.002 0.002 0.002 NIL NIL NIL NIL NIL NIL NIL 0.002
Contact - 6" fault zone			
1290-1391	Dark green, faintly foliated (35-40°) mod. brecciated chl-gtz-talc±carb. schist Heavy chl. Mainly hairline gtz veins Very faintly mag. Tr. di. + hairline vein type py Contains a few frags of flow textured U.M.	1290-1295 83311 1295-1300 83312 1300-1305 83313 1305-1310 83314 1310-1315 - 83315 1315-1320 83316 1320-1325 83317 1325-1330 83318 1330-1335 83319 1335-1340 - 83320 1340-1345 83321 1345-1350 83322 1350-1355 83323	NIL NIL NIL NIL 0.005/0.002 NIL NIL NIL NIL NIL NIL NIL NIL 0.002 NIL
1346-1347	gray meta sed.		
1350-1354	greenish gray med. sed. } foliated 20-25		
1380-1385	gray meta sed.		

cont:

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
		1355-1360	83324	NIL
		1360-1365	83325	.002/.002
		1365-1370	83326	NIL
		1370-1375	83327	NIL
		1375-1380	83328	NIL
		1380-1385	83329	NIL
		1385-1391	83330	NIL
	1391 Contact - ragged + slight brecciation.			
		1391-1396	83331	NIL
		1396-1401	83332	NIL
		1401-1406	83333	NIL
		1406-1411	83334	NIL
		1411-1415	83335	NIL
		1415-1418	83336	NIL
1391-1418 E.P.H.	<p>1391-1418 Purple, v.f.g., very siliceous meta sed. contains f.s. clots of chl. which may define a foliation-variante. Slightly mag. Tr. dis py + specularite.</p> <p>1411-1417 Fault zone w/ gte cemented breccia zone (Tep)</p> <p>1411-1413. Minor gouge 1413-1417</p> <p>E.O.H. 1418'</p>			

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE May 8, 1988 PAGE: 1 OF 4

HOLE NO. N-88-72 DIP -60° AZMIUTH 160° LOGGED BY D.A. Howard + MHS.

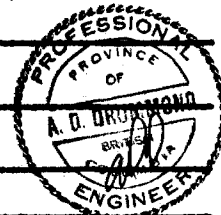
CORE SIZE BQ TOTAL FOOTAGE 866' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 50° @ 866' LOCATION: 25+00N, 41+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 35'

DRILL TIME: START May 6, 1988 FINISH May 10/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS <NOEX>



FOOTAGE	DESCRIPTION	CORRECTION	REMARKS
0-35	Overburden		
35-269	<p>Greenish gray, v.f.g. faintly foliated (25-30°) locally shattered and/or brecciated - gtz cemented, local yellow sericite alteration along foliation / fractures. Tholeiitic type meta volcanic. Ti - 0.5% dis + hairline vein pyrite. Occasional cpy.</p> <p>120-269 Black chl cemented breccia section and graphitic shear zones 1/8-6" Much stronger shattering than above. The more grayish sections resemble 'synchite Tech' but contain less sulphides.</p> <p>Major scaphite shear at 188-192 @ 30°</p> <p>201-204 graphite / gtz breccia</p> <p>248-256 Major graphite ± gtz ± py (course blebs in vein structures).</p> <p>260-269 Heavy graphite ± less pyrite, py to 25% in coarse blebs over 6" at 265.5. Local reddish limonite staining. foliated / sheared at 55°, gtz layering.</p>	<p>188-192 82720 .005</p> <p>192-196 82721 NIL</p> <p>196-201 82722 .002</p> <p>201-204 82723 .002</p> <p>204-209 82724 NIL</p> <p>237-242 82725 .002</p> <p>242-248 82726 .010</p> <p>248-252 82727 .015/.010</p> <p>252-256 82728 .005</p> <p>256-260 82729 .002</p> <p>260-263 82730 .005</p> <p>263-266 82731 .040</p> <p>266-269 82732 .015</p>	
269-373	<p>Transitional over 6' with py + graphite. 50°</p> <p>Quartz-Chlorite-Muscovite Schist, locally sericitic. Brecciated, ultramafic fragments and layers from contact to about 290. Siliceous. H=6, light grey grading from dark at upper contact to green and tan. Py loc 2%, as w/ 2% v. Jus; Note at 276 py-pseudomorphs after spinifex? in UM komatiite.</p> <p>fol'd 50° at 276 50° at 286</p>	<p>269-273 82733 .002</p> <p>273-277 82734 .005</p> <p>277-281 82735 NIL</p> <p>281-286 82736 .002</p> <p>286-291 82737 .002</p> <p>291-296 82738 NIL</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
<p>Brecciated / foliated 298-310 - very grey almost grey schist, loc emerald green matrix, very minor tan sericite, chlorite, py mostly on fract faces & folns, coarse; 60°</p> <p>310 - decrease in grey schist and increase in green matrix (emerald green) and grey & tan f.g. foliated. becoming locally apple green by 336. Py tr in schist for 317 @ 50°</p> <p>322-327 tan & grey 329-335 tan & grey, brnd, f.g. vein with magnetite. 338 for 60° in green, brnd QM Schist, light green</p> <p>352-356 tan, flakes of magnetite @ 55°, f.g. 361-364 tan, minor py, considerable gtz & mag vein 358 - noticeable decrease in magnetite, increase in chlorite & UM dark green frags., fol'd 40° minor tale to bottom of interval at 375', fol'd 40° py < 1%</p>	<p>296-301 301-306 306-311 311-316 316-321 321-326 326-331 331-336 336-341 341-346 346-351 351-356 356-361 361-366 366-370 370-379</p>	<p>82 82 82 82 82 82 82 82 82 82 82 82 82 82 82 82 82</p>	<p>739 .002 740 .002 741 .002/NIL 742 .002 743 .005 744 .010/.005 745 .002 746 NIL 747 NIL 748 .002 749 .002 750 NIL 751 NIL 752 .002 753 NIL 754 NIL</p>	
<p>373-392.</p>	<p>Biotite Syenite porphyry dyke, felds & bi phenos. dark grey to purplish brown to maroon grey, bleached upper section (chall mag), mag, H ~ 6 1/2, non calc, minor quartz veining & stockwork. Py Nil & Tr.</p>			
<p>392-460'</p>	<p>Talc-Quartz-Chlorite Schist = a foliated breccia with ultra-mafic fragments - non-mag: v dark dull green to black grades to lighter green by 425 (dull olive) varying with UM content, frag splinters text'd frags. Tr. Py. non-calc, H ~ 4-5.</p> <p>386 fol'd 35° 401-401.5 } Feldspar porphyry dykes, olive green and orange adjacent to white gtz mag veinlet - non-mag: Py < 1%, fine, diffuse contacts. H ~ 6 1/2 406-410.5 }</p> <p>410.5-416 - foliated UM brn & TCO Schist @ 40°, tr py. 416-419. Feldspar Porphyry dyke, orange red. (occ greenish) cut by frequent gtz stringers, tr py 4-6 1/2 brnd contacts</p> <p>419 - chl-talc Qtz schist with UM frags, very distorted, irreg folns. 425 @ // CA 434 @ 50° 431-432 Dyke inclusion (frag).</p>	<p>445-450 450-455 455-460</p>	<p>82 82 82</p>	<p>755 .005 756 .002 757 .002</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS		
460-513	<p>Intermittent sections of f. qd. pale green (T/C) schistose textured UM H=5-6 with f-qd more chl^{ls} mx^{H=4} - general incr. in py to 1-3% fold^s changing between 45° + 20° to CA.</p> <p>Note change in structure at 460' above which Breccia texture is common while below 460', the texture is more banded with minor stock work.</p> <p>469-472' 5%+ py diss + in stringers - fine qd H=6 - grey to purplish grey.</p> <p>472-486 dull green fold^s ~45° to CA, sheara-bss type UM textured.</p> <p>486-494 py up to 3-5%</p> <p>494-496 H=6 grey Q-carb py 5%</p> <p>496-501 contorted fold^s in T/C schist dull green</p> <p>501-511 predominately H=5 with partial H=6 grey to pinkish tinged to greenish tinged variation in colour - stringer + diss py to 5%+, suspect Q-carb ser. py zone.</p> <p>511-513 pyritic mx 2-3% diss cut by late Q-carb veins - abrupt change.</p>	<p>460-465 ✓ 82</p> <p>465-469 ✓ 82</p> <p>469-472 ✓ 82</p> <p>472-476 ✓ 82</p> <p>476-481 ✓ 82</p> <p>481-486 ✓ 82</p> <p>486-489 ✓ 82</p> <p>489-491 ✓ 82</p> <p>491-494 ✓ 82</p> <p>494-496 ✓ 82</p> <p>496-501 ✓ 82</p> <p>501-503 ✓ 82</p> <p>503-505 ✓ 82</p> <p>505-508 ✓ 82</p> <p>508-511 ✓ 82</p> <p>511-513 ✓ 82</p> <p>513-516 ✓ 82</p> <p>516-521 ✓ 82</p> <p>521-526 ✓ 82</p> <p>526-529 ✓ 82</p> <p>529-532 ✓ 82</p> <p>532-534 ✓ 82</p> <p>534-536 ✓ 82</p> <p>536-539 ✓ 82</p> <p>539-541 ✓ 82</p> <p>541-544 ✓ 82</p> <p>544-546 ✓ 82</p> <p>546-548 ✓ 82</p> <p>548-551 ✓ 82</p> <p>551-554 ✓ 82</p> <p>554-557 ✓ 82</p> <p>557-560 ✓ 82</p>	<p>758 NIL</p> <p>759 .020</p> <p>760 .060/.040</p> <p>761 .010</p> <p>762 .005</p> <p>763 .002</p> <p>764 .002</p> <p>765 NIL</p> <p>766 .005</p> <p>767 .005</p> <p>768 NIL</p> <p>769 .005</p> <p>770 0.180</p> <p>771 { .27/.245 } { .25/.23 } ar. 2.2%</p> <p>772 .065</p> <p>773 .025</p> <p>774 .002</p> <p>775 .060</p> <p>776 .035</p> <p>777 .010</p> <p>778 .020</p> <p>779 .12/.12</p> <p>780 .095</p> <p>781 .025</p> <p>782 .005</p> <p>783 .002</p> <p>784 { .26/.245 } { .32/.335 } ar. 2.9%</p> <p>785 .02</p> <p>786 .005</p> <p>787 .002</p> <p>788 NIL</p> <p>789 .002</p>		
		513-532	<p>Similar mx to above - but with less diss py</p> <p>Major importance is that this section is a horizon of cross cutting Q-carb veins 1/2" to 6" at 70-80° to CA - cut fold^s in host which is at 0°-20°-40° to CA.</p>	<p>532-534 ✓ 82</p> <p>534-536 ✓ 82</p> <p>536-539 ✓ 82</p> <p>539-541 ✓ 82</p> <p>541-544 ✓ 82</p> <p>544-546 ✓ 82</p> <p>546-548 ✓ 82</p> <p>548-551 ✓ 82</p> <p>551-554 ✓ 82</p> <p>554-557 ✓ 82</p> <p>557-560 ✓ 82</p>	<p>779 .12/.12</p> <p>780 .095</p> <p>781 .025</p> <p>782 .005</p> <p>783 .002</p> <p>784 { .26/.245 } { .32/.335 } ar. 2.9%</p> <p>785 .02</p> <p>786 .005</p> <p>787 .002</p> <p>788 NIL</p> <p>789 .002</p>
		532-560	<p>Dull green chl-Talc Q-carb + fine diss py to 3% with greenish grey H=4 to 6 with f. diss py to 5% bands + fold^s at ~40° to CA. (Very few late Q-carb veinlets).</p> <p>551-560 - T Q carb - minor 1% or less diss py</p>	<p>536-539 ✓ 82</p> <p>539-541 ✓ 82</p> <p>541-544 ✓ 82</p> <p>544-546 ✓ 82</p> <p>546-548 ✓ 82</p> <p>548-551 ✓ 82</p> <p>551-554 ✓ 82</p> <p>554-557 ✓ 82</p> <p>557-560 ✓ 82</p>	<p>781 .025</p> <p>782 .005</p> <p>783 .002</p> <p>784 { .26/.245 } { .32/.335 } ar. 2.9%</p> <p>785 .02</p> <p>786 .005</p> <p>787 .002</p> <p>788 NIL</p> <p>789 .002</p>
		560-632	<p>H=4 - generally dk green to black - Soapstone to textured UM - flagment type - Talc/chl. trace to nil diss py. - fold^s at ~45°</p> <p>By 585' - fold^s becomes contorted - pull-apart boudins</p> <p>Fault 604-609. at 55°</p> <p>609-621 fold^s 0° to 90° - folds/contortions. locally trace of py otherwise nil.</p> <p>621-626 broken core - down core fold^s.</p> <p>626-632 fold^s 0° to 20°.</p>	<p>551-554 ✓ 82</p> <p>554-557 ✓ 82</p> <p>557-560 ✓ 82</p>	<p>787 .002</p> <p>788 NIL</p> <p>789 .002</p>
		632-636.5	<p>F. qd. 5% diss pink to red H=6 Syenite dyke; 550</p>	<p>632-636.5 ✓ 82</p>	<p>790 .002</p>
		636.5-641	<p>Contorted soapstone as in 560-632' 50°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
641-643	F qd. 5%+ diss py pink to orange-red Syenite dyke. H=6 irreg. at 40°	641-643	82 791 .002
643-822	<p>Dark green-black chl (T) brecciated schist with fall^s at 0° to 20° w. down core. nil pyrite H=4</p> <p>-677 to 678 at 30° Red-brown H=6 Syenite? dyke. nil pyrite</p> <p>705 to 707 at 30° Red brown. H=6 Syenite dyke nil pyrite</p> <p>711-712 at 30° Red-brown purplish bio-brg Syenite or altered Lamprophyte nil py. H=4</p> <p>716-726 crushed chl zones (gouge) at 20°</p> <p>at 762' 1.5" angular specularite brg. of qd. Sid.? fragment caught up in fall^s.</p> <p>from ~ 762' Soapstone more brecciated appearance with contorted late Dark An veinlets (displacements) (banding where noted is at ~ 25° to CA.)</p> <p>818-822 90% chl. schist at 10° to CA. 10°</p>		
822-866	<p>822-823 margin down core - by 823'</p> <p>An veined H=6 f. qd aplitic like Syenite</p> <p>1-2% diss py, 1-2% specularite on fractures.</p> <p>(can not observe An grains - probably a dyke)</p> <p>Check An content 836-841</p>	836-841	82 792 .005/.005
	EOH 866'		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE May 12/88 PAGE: 1 OF 3

HOLE NO. N88-73 DIP -60° AZMIUTH 160° LOGGED BY A.D. Drummond

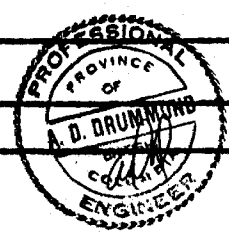
CORE SIZE 80 TOTAL FOOTAGE 996' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -58.5 @ 946' LOCATION: 25+00N, 42+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 30'


DRILL TIME: START May 10/88 FINISH May 15/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS 51 boxes.



FOOTAGE	DESCRIPTION			
0-30'	Casing.			
30'-371	Pale tannish green f. gd. <u>tholeiitic</u> <u>metavolcanic flows</u> . - carbonatized fractures + banding where present at 30° to CA. Scattered py - small < 1%, non magnetic. Mn Anseropyrite at 60', 84', coarse ds at 88' (X-cut by Au-magnetite, vesicles at 45° to CA - no sulphides). 118-124 at 30° darker green horizon, non magnetic. 147-148.5 at 25° Au carb <u>graphite</u> - slickensided. 270' still banding at 30° to CA. - nil py. to 336' Carbonated streaked out buff green tholeiite with Carb (Qw) - trace py. - non magnetic. fol ⁿ at 20-30° consistently. "(Carb. fragments) - Au veins" may constitute up to 40% of Au. at 353' LIMONITE in 60° cross late fracture. at 366' foliation become laminated at 45° trace to scattered H.S.	356-360	82793	NIL
		360-365	82794	NIL
		365-370	82795	.002
		370-375	82796	.002
		375-380	82797	.005
371-376	371-376 more intense deformation zone with truncation of banding, presence of silicified argillite, small py, upto 1.5mm size. - SHEAR - 45°	380-385	82798	NIL
		385-390	82799	NIL
		390-395	82800	.002
		395-400	82801	.005
376-443	376-391 Bleached tannish talc Carb Au. with transition to Mariposite Carb Au at 391 at 391 Bright green (Ultramafic contact) no apparent py. H.S.S. Au-Carb in stockwork pattern. in later Au-carb veins - carb is tan colour - Fe rich. at 405' - fol ⁿ at 35°	400-405	82802	.002
		405-410	82803	.002
		410-415	82804	.002
		415-420	82805	NIL
		420-425	82806	NIL
		425-430	82807	NIL
		430-435	82808	.001/.002
		435-440	82809	.002
		440-445	82810	NIL
		445-450	82811	NIL
		450-455	82812	NIL
		455-460	82813	NIL
45-46s 443	at 443' - Abrupt change structure to almost laminated. with fol ⁿ at 0° to 25° i.e. down core. colour changes to dull green. T/C Carb Au schist (relative proportion of Chl to Talc changes. gradationally no apparent py.			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
465-471	Section of 90% pinkish foliated. H=6 aligned mafic - with minor diss. py xls. Probably dyke. 10% Chl/Talc Carb Au Schist. dark green 40°	460-465 465-470	82 814 NIL 82 815 NIL
471-581	Dull green Chl/Talc Carb Au Schist. fol ² - kink, banded at an 0° to CA variable to 30° to CA. no apparent py. folded boundaries - minor fold zone. Some areas of textured um. at 516' fol ² at 45° 520 to 538' - felt contorted 0 to 90° - folded boundaries. no apparent py 538-542 - late Au-carb zone at 45° 542-563 not contacted - almost laminated fol ¹ at 20° consistently 563-565 - finer gr. zone - dull green H=5 - trace pyrite as scattered 1/8" grains at 576' Spinifex 579-581' wa. in deformation at 40°, inc. in py. 40°	573-576 576-579 579-581 581-583 583-585 585-587	82 816 NIL 82 817 NIL 82 818 .01 82 819 .16/.175 ^{MS} .167 82 820 .13 82 821 .025 82 822 .025 82 823 .01 82 824 .015 82 825 .075/dk ^{MS} .167 82 826 .005 82 827 .002 82 828 .002 82 829 .005 82 830 .005
581-618	Pyritic Section. 581-587 f. gd. tan buff greenish - with py (f. gd) H=5 stringers, py content up to 5%. fol ² at 30-35° - chl-py late fractures 587-593 Chl Carb Au ± Talc contorted H=4, at mixed with sections of H=6 pinkish-grey fractured dyke(?) or alt ² rx with py stringers, py content is 2-4%. 593-598 - predominantly pinkish grey - with py stringers - py content ~ 2-4%. 598-611 - predominantly Chl Carb Au dull green 1% or less py. Spinifex at 599' 611-618 - predominantly H=6 pinkish red/dyke? with 3-5% diss py - less stringers. 40°	587-589 589-591 591-593 593-596 596-598 598-601 601-606 606-611 611-616 616-619	82 822 .025 82 823 .01 82 824 .015 82 825 .075/dk ^{MS} .167 82 826 .005 82 827 .002 82 828 .002 82 829 .005 82 830 .005 82 831 .005 82 832 NIL
618-827	Dk green (dull) Soapy feel Chl/Talc Carb Au Schist fol ² at 40° - no apparent py. 631' fol ² at 30° 641' fol ² at 30° Dyke 651.5' to 656' chilled margin. f. gd. Bio Sphinite. H=6, nil pyrite, - contacts at 60° 658' - fol ² contorted. 665' fol ² at 25° F. 669-672 - gouge - 2' core loss. SWEAR LATE at 30°	619-624	82 831 .005 82 832 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>682-684 - poss. Lamprophyre at 25° 686' fal^s at 5° - almost laminated } Talc > chl. 693' fal^s at 25° - almost laminated } " > " 701-706 broken core along 10° fal^s.</p>		
D.	<p>710-715 Cordaris 3 one foot lengths of pink syenite dyke with H=6, 1-2% diss py. in chl laminated Schist with fal^s at 20° in + out of core</p> 		
D.	<p>740-740.5' 3 to 4" true width syenite dykelet with 1-2% py at 40° in area of contorted fal^s 745-775 dark green Talc/chl. Carb Au with fal^s + late carb Au fractures at 10° to 20° max 10. down core - no apparent py. (F.) (762-767 - late slickensiding - Fault at 10°) (Ff.) 775-798 late slickensiding Fault at 10-20°</p>		
D.	808' - v 1' frag. or irreg syenite dykelet no py H=6		
D.	810.5-811 irreg. syenite dykelet. no py H=6		
	814-817 (F) late slickensiding - Fault at 30°?	✓ 820-824	82 833 .002
	820-821 Au veined f. p. pink syenite - minor py.	✓ 824-827	82 834 .010
	821-824 dark green chl > Talc carb Au tr. py.		
	824-827 pale green shattered spinifex textured uM with chl-py stringers at contact with syenite.		
827-974	<p>45° Bio (chl) brg fine gr. syenite with finer gr margin - margin has orange colouration on some fractures < 1% diss py - check Au at margin. earliest alt^r is sericite + py followed by Au + cpy blebs (minor) + by later(?) Au-carb-spicularite veinlets (check section 856-876 - more fracturing veining + general in. = py.) compare with 876-906 overall py content - varies from 1-2% to 3-4% locally. Section 906-944 is less fractured + veined.</p>	<p>✓ 827-830 ✓ 830-832</p>	<p>82 835 .015 82 836 .010</p>
		✓ 856-861	82 837 .015
		861-866	82 838 .010
		866-871	82 839 .025
		871-876	82 840 .055
		876-881	82 841 .045
		881-886	82 842 .015
		886-891	82 843 .020
		891-896	82 844 .040
		896-901	82 845 .030
		901-906	82 846 .020
974-996	<p>sharp. 50° Green dark - textured uM. at 981 - Spinifex texture.</p>		

est. 0.027/50' syenite

EOH 996'

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE May 17/88 PAGE: 1 OF 4

HOLE NO. N 88-74 DIP -60° AZMIUTH 160° LOGGED BY A. D. DRUMMOND.

CORE SIZE 80 TOTAL FOOTAGE 1054' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -52° @ 1014' LOCATION: 26+00N ; 42+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 10'

DRILL TIME: START May 15/88 FINISH May 18/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS 55 hrs (Hole became difficult to drill further & consequently, stopped the hole. RD/)



FOOTAGE	DESCRIPTION	CORRECTION	CORRECTION	CORRECTION
0-10'	Casing.			
10'-	F. qd. to near aphanitic, pale green, non magnetic Mg-rich(?) Tholeiite Metavolcanic Flows.			
19-20'	shattered bleached (carbonatized) zone with Au carb veins - cpy + diss Arsenopyrite			
20-50	pale green tholeiitic flow - uniform, nil py.	50-55'	82847	.095/.095
50-75.5'	bleached flow top? to shattered zone with diss py + Arsenopyrite (py = 1 to 5%, Arsenopy 1 to 5% + locally) Note 65' to 67' - total sulphides up to 15% with Au carb veins. - zone may be centred on this ?? . Some horix up to 1.5mm length	55-60'	82848	.025
		60-65'	82849	.020
		65-67'	82850	.085/.080
		67-70'	82851	.01
		70-73'	82852	.03
		73-76'	82853	.02
75.5-76.0'	abrupt colour change to pale green + no sulphides - non magnetic			
76-91	pale green non mag nil py			
91-158	dk green mag. nil py.			
158-160	epidote - cal. big. flow margin - nil py (60°?)			
160-212	pale-dk green non mag. nil py			
212-214	poss flow margin - non mag. nil py			
214-245	pale/dk green, non mag, nil py, 40 band at 236'			
245-247	poss flow margin - non mag - nil py - 1 ser.			
247-303	pale green flow nil py.			
303-341	Brecciated - flow margin BRX? nil py - banding			
341-357	lt. grey foliated at 30° to CA - poss. fault.			
357-371	flow margin BRX type nil py. - banding 40° to CA			
371-390	non magnetic pale green nba mag flow			
390-392	dk. green flow, intense def ⁿ , graphite slips			
392-433	pale green, non mag, nil py - flow margin BRX type			
433-456	pale green, non mag, nil py flow lower part has increasing def ⁿ at 25°			
456-522	pale green, non mag. nil py - flow margin BRX.			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
522-551	pale green flow, non mag., nil py. some pillow structures at 541 to 543		
551-557	tholeiite becomes bleached - carbonated? → deformation increases - at 45° to CA. nil py.	548-553' 553-557'	82 854 NIL 82 855 NIL
557-591	Abrupt increase in def ^m to schist + change to meta Komatiitic ^{Flow} _{pxs.}	557-562	82 856 .002
557-562	chl-ser An carb schist H=5 contorted. - dull green no py	562-566	82 857 .002
562-568	Dull green - minor ManiPOSITE An Carb H=6 with ser on later fol ² planes. - no py. fol ² at 50° to CA.	566-571 571-576 576-581	82 858 NIL 82 859 NIL 82 860 .002
568-576	predominantly buff coloured (ser.?) f. gd. foliated at 50° to CA. no apparent py. H=6	581-586 586-591	82 861 .002 82 862 NIL
576-591	Stockwork like - dull green maniPOSITE bry with ser? on developed. slips. - with uneg. patches of buff. rx (also H=6) trace scattered py observed. becomes H=5 by 590'		
591-593	H=6 Gray green poss. dyke - well foliated (at 30°) mafic - poss. tuffaceous rx.		
593-607	H=6 Gray with ^{irreg.} mafic up to 1 mm lengths oxide content up to 15% - termed Bas. Porphyry. gray feldspathic matrix late Dyke nil py.		
607-617	Soapstone Basx type - textured dm. H=4 locally contorted. - nil py.		
617-624	H=6 Late dyke - Bas Porphyry as above - shows chilled margins of 6" at each contact.	624-630 630-635 635-640 640-645 645-650 650-655 655-658 658-663 663-666 666-671 671-676 676-681	82 863 NIL 82 864 NIL 82 865 .002 82 866 .002 82 867 .002 82 868 .002 82 869 .002 82 870 .002 82 871 .002 82 872 NIL 82 873 .002 82 874 .002
624-691	Dk green Soapstone like - T/c. schist. with (H=4) local areas of very fine gd. py in/on foliation planes - fol ² 20° to 60° with buff-pyrite boudins fold zone - crumpled area. 655-658 H=5.5 gray-buff - some v. fine py. - at 40° carbonatized zone.	676-681 681-686 686-691 691-694 694-697	82 875 .002 82 876 .002 82 877 .002 82 878 1.75/2.24 av. 1.92/1.88 } 1.95
691-738	Predominantly a pale green to buff carbonatized (H=5) flow - looks like a Tholeiite type. 733-738. Pres. of tan carb + An + specularite veins cutting buff det ² flow with py stringers + contains Some diss. v. fine py. small py content 1-2% - locally to 3-5% 25° on chl slip.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
738-741	Pale green to dark green, <u>Chl Carb on Schist</u> with locally fine py on foliation. 40°	1697-700 700-703 703-706	82 879 .01 82 880 NIL 82 881 NIL
741-763	Alternating section of fine f. qd. foliated ax with 2-5% v. fine py diss + on foliation, H=5:5 mixed with (15% of section) dk green H=4-5 foliated textured UM. with some py. absence 40°	706-709 709-712 712-715 715-718	82 882 .002 82 883 .040 82 884 .030 82 885 .002
763-765	T/C - laminated to contorted. - crumpled zone, 1% diss py. + "frag" of py = <u>Syenite dylec</u> 50°	718-721 721-726 726-729	82 886 NIL 82 887 NIL 82 888 NIL
765-769	Brown red H=6 v. l. qd to aplitic - <u>Syenite dylec.</u> diss py 1-2%; diss specularite 1-2% 40% - Chl. slip.	729-732 732-735 735-738	82 889 .002 82 890 .040 82 891 .055/.040
769-787	Dk. green Soapstone like - <u>fol² to box</u> <u>fol² at 50° to CA.</u> trace py 25°	738-741 741-744 744-747	82 892 .015 82 893 .015 82 894 .002
787-803	Bso Lamprophyre - variable textures. locally may contain 1-2% diss py 55°	747-750 750-753 753-756	82 895 .002 82 896 .002 82 897 NIL
803-817 803	Dk green - Soapstone like. <u>T/C Carb Schist.</u> in part laminated fol ² at 50° Spinifex texture at 816-817' nil py. (F) at 810-813 - gouge at ~ 50° to CA. 50°	756-760 760-763 763-765 765-769	82 898 .002 82 899 .002 82 900 NIL 82 901 .005
817-848	Pale green to bright green - <u>Maniposite brg.</u> <u>T/C Maniposite Carb on Schist.</u> nil py. fol ² at 60° with 10% of section being buff carbonatized.	769-774 774-780	82 902 NIL 82 903 NIL
848-860	Hrb Reddish f. qd. <u>Syenite</u> . (in part brick red) minor 1% or less diss py, cut by Q-Carb- specularite veinlets. (?) ground contact.		
860-904	Chl ² textured UM - at 881' it becomes strongly fol ² at 25-30° to CA + chl content increases. (F) at 896-904' - Chl ² slips + gouge (Fault) contorted.		
904-909	Associated <u>Syenite</u> - cut by Q-Carb with host in fragments - 1% py? 45°	904-909	82 904 .002
909-916	Chl ² UM - Contorted - part of Fault zone. (?) Fault?		
916-940	F. qd. pink <u>Syenite</u> - minor diss py. + presence of diss specularite + spec. in late veinlets 60°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
940-952	Strongly foliated textured chl ² /Talc ² <u>UM</u> fol ² at 30° Some spirifer texture at 946' Very broken & crumpled locally		
952-1025	F. gd. pinkish to brick red to purplish. <u>Syenite</u> ± 1% diss py H=6 ± 1-2% specularite - partly diss partly in veins. "Uniform" throughout. Anchek	1006-1011 1011-1016 1016-1020 1020-1025 1025-1028 1028-1031 1031-1036 1036-1040 1040-1044	82 905 .015 82 906 .002 82 907 .020/.025 82 908 .002 82 909 NIL 82 910 NIL 82 911 NIL 82 912 NIL 82 913 .002
1025-1044	Chl ² (+ talc) textured <u>UM</u> . Spirifer texture 1028 to 1029' with fine py. diss ^d . by 1034 - fol ² at 30° with some fine py in fol ²		
1044-1054	F. gd. pinkish to brick red to purplish <u>Syenite</u> H=6 - as in section 952-1025' 1050-1054 very broken core. Hole became difficult to drill & consequently stopped.		
	E.O.H. 1054'		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE May 20/88 PAGE: 1 OF 7

HOLE NO. N 88-75 DIP -60° AZMIUTH 160° LOGGED BY A.D. Drummond

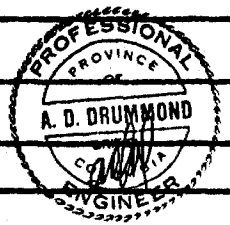
CORE SIZE 80 TOTAL FOOTAGE 1796' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -51° @ 1006', -37° @ 1756' LOCATION: 27+00N ; 42+00W
-40° @ 1626', -35° @ 1796'

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 14'

DRILL TIME: START May 19/88 FINISH May 31/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION																																												
0-14'	Casing.																																												
14-761	Greenish f. gd. Chl [±] metavolcanic flows. Uniform, trace diss py, scattered Qu carb veinlets - non mag THOLEIITIC METAVOLCANIC FLOWS. at approx. 110' - tholeiite becomes magnetic without an real change in colour or texture -magnetic at 205' - weak fol? at 50' at 210' 1 st presence of Qu carb Arsenopyrite - py [±] veinlets with diss. Arsenopyrite x/s up to 1 to 1.5 mm max. - trace chalcopyrite may locally be observed. Tholeiite becomes grey - carbonatized. 221-223 - Qu filled BRX. - poss. center of structure. <i>Note</i> Arsp section is 210' to 246.5' veining is 40 to 70° to CA. by 249' Rx is tholeiite as above darkish green - magnetic - massive flows or sequence of flows. no structure + trace to nil py. 317-339 amygdules (ch) - magnetic. Trace py at flow margin 356' - still magnetic. at 410' still magnetic - nil py - tholeiitic flow. at 460' abrupt ^{greenish} in deformation + start of grey carbonatized zone - also in of py in zone; Sd [±] , H=5.5 to 6 locally. at 466-466.5' Au (cpy) vein at 65°																																												
	<table style="margin-left: auto; margin-right: 0;"> <tr> <td></td> <td></td> <td style="text-align: right;">arsenopyrite.</td> <td></td> </tr> <tr> <td>207-212</td> <td>82958</td> <td>.010</td> <td></td> </tr> <tr> <td>212-216</td> <td>82959</td> <td>.025</td> <td style="text-align: right;">-212</td> </tr> <tr> <td>216-220</td> <td>82960</td> <td>.015</td> <td style="text-align: right;">.027/14'</td> </tr> <tr> <td>220-223</td> <td>82961</td> <td>.030</td> <td></td> </tr> <tr> <td>223-226</td> <td>82962</td> <td>.040/045</td> <td style="text-align: right;">-226</td> </tr> <tr> <td>226-231</td> <td>82963</td> <td>.010</td> <td></td> </tr> <tr> <td>231-236</td> <td>82964</td> <td>.002</td> <td></td> </tr> <tr> <td>236-241</td> <td>82965</td> <td>NIL</td> <td></td> </tr> <tr> <td>241-246</td> <td>82966</td> <td>NIL</td> <td></td> </tr> <tr> <td>246-249</td> <td>82967</td> <td>.002</td> <td></td> </tr> </table>			arsenopyrite.		207-212	82958	.010		212-216	82959	.025	-212	216-220	82960	.015	.027/14'	220-223	82961	.030		223-226	82962	.040/045	-226	226-231	82963	.010		231-236	82964	.002		236-241	82965	NIL		241-246	82966	NIL		246-249	82967	.002	
		arsenopyrite.																																											
207-212	82958	.010																																											
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220-223	82961	.030																																											
223-226	82962	.040/045	-226																																										
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231-236	82964	.002																																											
236-241	82965	NIL																																											
241-246	82966	NIL																																											
246-249	82967	.002																																											

Aspy

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
489.5 - 507	<p>Grey (H=6 mostly) sil² carbonized Tholeiite - v.f. qd. - poss. tuft n alt² effect. - contains irreg. blobs of py - sedimentary appearing between 491' + 496' Could be flow margin. - between 500 + 507 graphitic slip - shearing with py occurs. at 50° to 70° to C.A. - Black graphitic rx is hard H=6 - overall py up to 3-5%</p>	<p>489.5 - 493 493 - 496 496 - 500 500 - 504 504 - 507</p>	<p>82 968 .002 82 969 .002 82 970 .002 82 971 .005/.005 82 972 .002</p>
507 - 524	<p>Greyish greenish flow margin abundant carb veining very little py.</p>		
524 - 608	<p>become pale green - pillowed flow unit. , H=5 non mag.</p>		
608 - 620	<p>poss. non mag's flow margin</p>		
620 - 676	<p>darker green f. qd uniform flow non magnetic trace py minor banding at 50° to CA</p>		
676 - 682	<p>flow margin</p>		
682 - 741	<p>series of non-mag's flow H=5 at 726' minor banding at 30° to CA.</p>		
741 - 761	<p>darker green to pale green at 45° - flow margin contact Rx is greyish. f. qd vs aphanitic non magnetic non fractured - poss. late sill or dyke? lower contact at 40° to CA.</p>		
761 - 848	<p>Predominantly at chl/(Talc) carb (Qu) schist H=4 to 5 to foliated textured UM - all dk green. "interlayered" zones of streaked and folded bandings of H=6 of greyish feldspathic appearance. - (Could be dyke fragments caught up in defm. ("crumpled zone") foliation at 40° - nil to scattered py. D? 820 - 824' at 50° sharp contacts Grey H=6 with bio flakes aligned parallel to margins. Bio Syenite? trace py. Schist becomes very contorted by 830' + continues to 848 - - py content increases at 830' 50°</p>	<p>Check assays in this area in N 88-75</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
848-956	Pale green - non magnetic Tholeiite with pyritized & carbonated margin 848 to ~ 851' then rx becomes pale green + H. chgs from 6 to 5 at 852.5' 3/4" Au py veinlet at 20° at 876 to 906' - This section is carbonitized H=5 - becomes grey to very pale green due to some sericitization as well as CO ₂ py up to 2-3% occurs as v. fine grains within fol ^s at ~ 45° to CA. (Def ^m zone within tholeiitic type rx). 921-928 - Rounded structures with dk ch ^l mins - Small pillows in flow. 928-953 - Dk gr Tholeiite - no structure ml py 953-956 - increases in deformation fabric. 20°	826-831	82 973 NIL
		831-836	82 974 .002
		836-839	82 975 .002
		839-842	82 976 NIL
		842-845	82 977 NIL
		845-848	82 978 .002
		848-851	82 979 .010
		851-853	82 980 NIL
		853-856	82 981 NIL
		871-876	82 982 NIL
		876-881	82 983 .015
		881-886	82 984 .020/.010
		886-891	82 985 .010
		891-896	82 986 .015
		896-901	82 987 .002
901-906	82 988 .020/.030		
906-911	82 989 .002		
956-1006	Dull green Carb (Au) Chl ± Tale schist with Sericite on "late" foliation with generally fine py also in foliation planes. fol ^s at 50° Minor buff - py sections - Overall wa. in pyrite to 1-2% - 971-982 Mostly Buff-py section, fine py diss upto 3-5% 982-1006 fold ± to contorted Soapstone like H=3 fol ^s at 50° @ 986', varies to 30° @ 995' } <u>Crushed zone.</u> + 30° at 1006 - Note fine py on fol ^s 987 to 1006.	951-956	82 990 NIL
		956-961	82 991 .005
		961-966	82 992 .005
		966-971	82 993 .002
		971-974	82 994 .002
		974-977	82 995 .002
		977-979	82 996 .005
		979-982	82 997 .005/.002
		982-986	82 998 .002
		986-989	82 999 .002
989-992	83 000 .002		
1006-1017	Purplish green caste to f-m qd. Au-Carb-chl. with 5% specularite diss + 2-4% py (diss or blebs) - rx is magnetic H=5.5 Altered Basic dyke (?). - not fold ± but may be slightly crushed. (Impression - Dk into contorted chl's def ^m zone). 50° sharp	992-995	83 001 NIL
		995-998	83 002 NIL
		998-1002	83 003 NIL
		1002-1006	83 004 NIL
		1006-1009	83 005 NIL
		1009-1012	83 006 NIL
		1012-1015	83 007 NIL
		1015-1017	83 008 .002
1017-1037	Dk green. Contorted Chl Au Carb H=4 minor py - 1017-1019 - poss. sy. dyke? at 50° general impression - shear zone. F: gouge. 1029-1032' at 25° to CA. 1032-1037 - folded bands in fol ^s at 35° to CA 40°	1017-1019	83 009 .002
		1019-1024	83 010 NIL
		1024-1029	83 011 NIL
		1029-1032	83 012 NIL
		1032-1037	83 013 .002/.002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1037-1043	Gray-brownish carbonatized mc with diss spec. + with spec. ch. on fractures, 1-2% diss py H=5 becomes very fractured + veined in section 1040-1043'	1037-1040 1040-1043 1043-1046 1046-1051	83 014 .002 83 015 NIL 83 016 NIL 83 017 NIL
1043-1061	Generally dk green fol ^d to contorted Chl An-cmb ± Talc H=4 with layers or boudinages (locally contorted) of gray-pink - H=6 "felsitic" mc ~ 1050-1051' band Bio - altered dyle. at 70° to CA. 1054-1058 - fol ^d with Bio - mixed with dk soapstone Bms - very little py but present. fol ^d at 60° with slight folding. R _x become pale tan colour 1059-1061	1051-1056 1056-1061	83 018 NIL 83 019 NIL
1061-1062	Pink-H=6 f. of Syenite with < 1% diss py 70°	1061-1062	83 020 NIL
1062-1117	Maniposite Carb An (Bright green) (act ^d um) H=5.5 mostly Maniposite bry textured um with trace py Buff-py "dyle" 1085-1086 at 50° at 1102' increase in fol ^d at 65° to CA. Buff to pink-py "dyle" at 1108-1110' at 60° to CA Nett incr. in py in fol ^d starts ~ 1107' R _x become darker duller green (than chl) 1113-1117' 350 sharp	1062-1066 1066-1071 1071-1076 1076-1080 1080-1085 1085-1086 1086-1091 1091-1096 1096-1101 1101-1105 1105-1108 1108-1110 1110-1113 1113-1117	83 021 NIL 83 022 NIL 83 023 NIL 83 024 .002 83 025 NIL 83 026 .065/.065 83 027 .005 83 028 NIL 83 029 NIL 83 030 NIL 83 031 NIL 83 032 .005 83 033 NIL 83 034 NIL
1117-1157	Pink. H=6 f-m-gd. Syenite - "shattered" with irreg. planes thru out. - diss py ~ to < 1% - non magnetic speculante occurs in diss. to < 1% (b) on late fractures, + (c) in An (cmb) spec. varieties Syenite does not show a major structural def ⁿ . - sericitic alts is low if present.	1117-1122 1122-1127 1127-1132 1132-1137	83 035 NIL 83 036 NIL 83 037 NIL 83 038 .002/NIL
"D"	Note 1139-1142 at 80° to CA. ^{impression - late Bio porphy type} a tan pinkish "chl porphyry" dyle ^{alters} cuts the Syenite + in turn is veined by An-cmb-chl-spec.		
1157-1172	Dull Green with scattered bright green (Maniposite) patches. - disrupted textured um mostly - fol ^d in sections at 70° trace py(?) H=4.5 60° sheared contact		
1172-1179.5	Pink. f. gd. Syenite - partial buckled red otherwise dk red with greenish tinge (chl on fractures) py diss < 1%. 60°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
<p>11795-1358</p>	<p>Dull green Carb. Qu. chl. fol^d, scarce py < 1% diss. some "fragments" textured um., fol^d at ~ 45° to CA at 1191 ~ 3" length with 1-2% diss py. by 1197 - def^m fabric stronger + no more chl^s (ie darker green).</p> <p>(F) 1205-1212' - broken core with chl. slips gouge ~ 1207' to ~ 1208'</p> <p>1212' no more chl^s - without slips., fol^d at 40° some folded boudins.</p> <p>at 1223' chl. schist + carb bands - at 20°</p> <p>(F) 1225 to 1236' gouge at 50° to CA with 1.5' between 1230 + 1231' being an alt^d basic dyke (?) - now specularite Carb. Qu (mt py) - H = 5.5 - <u>magnetic</u></p> <p>(F) 1236-1253 - Contorted crumpled structural zone with pink wuggy carb veinlets between 1240 + 1253' (part of Fault zone)</p> <p>1253-1266 - lighter green grey - more carb - almost laminated at 70°</p> <p>1266-1275 - no becomes more chl^s trace py., contorted.</p> <p>1275-1286 - broken chl schist - chl slips., contorted. (Crumpled zone) folded boudins, irreg. late carb.</p> <p>1286-1313.5 trace py -</p> <p>1313.5 to 1318 - Pink veined Syenite f. qtz dyke with ~ 1% diss py - brecciated + with chl-py in matrix over all up to 3-5% py.</p> <p>1318-1358 crumpled zone continues., at 1334' fol^d at 35°, fol^d at 1341' is 90°, contortions abound.</p> <p>(F) 1350-1358' - chl sch at 70 to 80° mixed with gouge 70° fault contact</p>	<p>1310-1313 83 039 NIL</p> <p>1313-1316 83 040 NIL</p> <p>1316-1318 83 041 .002</p> <p>1318-1321 83 042 NIL/NIL</p>	
<p>1358-1379</p>	<p>Pinkish black - Spotted - f. m. qtz. "Syenite" upper margin contorted. Shattered upper + lower margins, Qu carb veinlets mostly foliated. at 70-80° cordons 5% + diss meg. in part hematized. 1±% diss py. Kx is magnetic strongly. 40° sharp</p>	<p>check.</p> <p>1371-1376 83 043 NIL</p> <p>1376-1379 83 044 NIL</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1379-1452	Dk green - Contorted Chl Carb Qu schist. H=4-4.5 in part. Fol ² almost to laminar type with textured UM. sections. py not apparently present. at 1396' Fol ² is 70° at 1406' fol ² is 70° 1409-1400 - 2% diss red-brown to brick red Syenite at 70° 1410-1452 - Contorted dk green chl carb Qu schist + fol ² textured UM - with short sections of fold boudins of pink meta sedimentary m (P) - presence of spec. + some diss py. 8" gouge (P) at 1415' + 1423' at 50° to CA		
1452-1591	Light green chl-Maniposite-Carb Qu schist or fol ² textured UM Spinifex textures between 1452 + 1463' fol ² at 50° to CA. H=5 D. 1463-1466.5' f. gd. Syenite dyke at 60° to CA with buff sections - trace py. 1472-1475 f. gd. buff "dyke" (carbonatized) trace py. 1476' M & Carb fol ² at 40° to CA R _x become bright green Maniposite Carb Qu with locally diss fine py. < 2%. Some sections are Maniposite brg textured UM 1476- to 1546' fol ² averages ~ 35° to CA at 1546' - fol ² at 50° to CA Scattered Spinifex - 1575 to 1593'. fine py < 2% - appears to be pale brass colour. ke. Slightly off colour for py. ? incr. in pyritic veinlets 1588-1598'	check of fine py area 1480-1485 83 045 NIL 1485-1490 83 046 NIL 1490-1495 83 047 .002 1495-1500 83 048 NIL 1500-1505 83 049 NIL 1505-1510 83 050 NIL 1510-1515 83 051 NIL 1515-1520 83 052 .002 1520-1525 83 053 NIL 1525-1530 83 054 .002 1530-1535 83 055 .002 1535-1540 83 056 .005/.002 1540-1545 83 057 .002 1545-1550 83 058 .002 1550-1555 83 059 .002 1555-1560 83 060 .002 1560-1565 83 061 .002 1565-1570 83 062 NIL 1570-1575 83 063 NIL 1575-1580 83 064 .002 1580-1585 83 065 .002 1585-1591 83 066 .002	
1591-1594	Buff. Coloured f. m. gd Carbonatized "dyke" with 3-5% diss py.		
1594-1605	Maniposite rx as above with transitional incr. in chl. + decr. in py to depth away from above "dyke" -	1591-1594 83 067 .002 1594-1597 83 068 .002 1597-1600 83 069 NIL 1600-1605 83 070 NIL	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1605-1615	chl. Qu-Carb schist. trace. py. fol ⁿ at 50° strong def ⁿ fabric with minor gneiss centered at 1610'		
1615-1729	Dk green chl (Fale) Carb Qu - Bw type with fol ⁿ planes in textured Urm & "soapstone" bands - no apparent py. H= 4 to 4.5 D? 1624-1626' at 60° to CA. H= 6 pinkish tinged grey fol ⁿ with aligned mafic - ± trace py. spinifex texture at 1628-1629' fol ⁿ at 50° to CA. spinifex texture 1649 to about 1651' poss. spinifex @ 1681' note 1675 to 1680' f. gd. chl. section more banded? than fol ⁿ interflow U.M. just equivalents as have spinifex at 1681' 1717' fol ⁿ 70° to CA. - a few included red? fragments 1726-1727' spinifex texture		
1729-1734.5	f. gd. buffish apparent metasedimentary mx with scattered py blebs.		
1734.5-1766	Bright green Mariposite big but with appearance of mariposite overprint on meta-sedimentary mx in that texture resembles that of f. gd ss + arg type layering. banding a fol ⁿ at 70°		
1766-1796	Bright green - Mariposite Carb Qu textured Urm. spinifex textures abundant. at 1776, 1779, 1784, 1790 & 1794 to 1795'		
	E.O.H. 1796. (95 boxes).		

(May be in the flow bed
 or extrusive equivalent
 to cm 2)

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JUNE 16/88 PAGE: 1 OF 4

HOLE NO. N-88-76 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

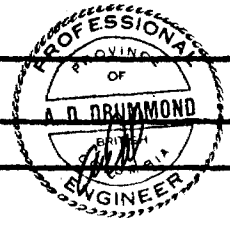
CORE SIZE BQ TOTAL FOOTAGE 1006' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -46° at 976' (353°) LOCATION: 16+00N; 32+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 22'

DRILL TIME: START JUNE 13 FINISH JUNE 16/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION	CORRECTION
0 - 22'	OVERBURDEN (CASING)	
22 - 167'	REDDISH BROWN AND YELLOWISH-GREEN BROWN H=6 META SEDS. VUGGY, VARIABLY HEMATITIC (VUGGY QUANTITY CALCITE VEINS W UP TO 3% SPECULARITE) SS TYPE TEST	106-110 83420 NIL 110-115 83421 NIL 115-120 83422 NIL
	120-167 - INCREASED NUMBER OF FINE GRAINED LIGHT SERICITIC BANDS. PROBABLY ARGILLITE BANDS.	
	250	
167' - 169'	LIMONITIC TAN-YELLOW COLORED MEDIUM GRAINED CARBONATED ROCK META GRWK? FRACTURE @ 5° TO C.A. 156-157 - QUARTZ VEIN @ 30° TO C.A.	
	30°	
169 - 181'	DARK GREEN HEMATITIC H=5 CHLORITIC ARGILLITE/BRX. FOLIATED @ 30° FRAGS OF REDDISH BROWN METASS 176-177' VUGGY, LIMONITIC SHEAR ZONE @ ~30° 181' - PALE PURPLE COLORED SILICIFIED BAND @ ~35° 2" THICK WIDTH	177-182 83423 NIL
	40°	
181-216'	SERICITE BANDS IN FINE GRAINED H=6 REDDISH META-SEDS AS FROM 120-167', UP TO 2% FINE DISS. PYRITE	
	350 GRADATIONAL	
216 - 269	DEEP PURPLISH (SPECULARITE) MEDIUM GRAINED META-SEDS. FOLIATED AT 30° TO C.A. LOCALLY STRONGLY MAGNETIC 1-2% FINE PYRITE 1-2% LIMONITIC FRACTURES @ 50° TO C.A. 243' - COARSE GRAINED GABBRO DYKE? W FINE GRAINED CHILLED MARGINS?	216-221 83424 NIL 221-225 83425 NIL 225-230 83426 NIL 230-235 83427 NIL 235-240 83428 NIL 240-245 83429 NIL
	350 GRADATIONAL	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
269 - 338	<p>MEDIUM GREEN H=5.5 CHLORITE QUARTZ SCHIST AND RED-BROWN H=6 WEAKLY FOLIATED META SS. SCHIST IS HIGHLY CONTORTED, KINK-BANDED WITH BOUQUINS OF QUARTZ (VEINS?) AND META SED (SS TYPE). REDDISH BROWN META SEDS GRADE INTO YELLOWISH AND BUFF COLORS. LOCALLY HEMATITIC AND 2% PYRITE THROUGHOUT</p> <p>FOLDS IN SCHIST PREDOMINANTLY 30-45° TO C.A. SOME FRACTURING W/ LIMONITE STAIN</p>		
338 - 366	<p>25-30° BRECCIATED + IRREGULAR BUT SHARP CONTACT</p> <p>RED BROWN TO REDDISH PURPLE H=6 META SEDS - FOLIATED (SHEARING) @ 15-40° TO C.A. 1-2% FINE PYRITE</p>		
372.5	<p>85°</p> <p>Chlorite - QUARTZ SCHIST - DARK GREEN HIGHLY CONTORTED AND KINK BANDED</p>		
372.5 - 403	<p>40°</p> <p>FINE GRAINED H=5 CHLORITIC DARK GREEN HEMATITIC META SED. META ARGILLITE/SILTSTONE. UP TO 3% FINE PYRITE THROUGHOUT</p>	<p>375-380 - 83430 380-385 83431 385-390 83432 390-395 83433 395-400 83434</p>	<p>NIL NIL 0.065/0.065 0.090/0.090 } AV: DE 0.002</p>
403 - 416	<p>30°</p> <p>FAULT ZONE; TALC CHLORITE FAULT GOUGE W/ PEEP REDDISH HEMATITIC FRAGS</p>	<p>400-403 83435 403-407 83436 407-412 83437</p>	<p>NIL NIL NIL</p>
416 - 452	<p>20°</p> <p>SOAPSTONE, TALC CHLORITE SERICITE CARB SCHIST W/ MULTIPLE BANDS OF BROWNISH SERICITE QUARTZ? RICH META SED? W/ UP TO 15% COARSE PYRITE BLEBS ELONGATED W/ FOLD @ 30° TO C.A.</p>	<p>412-417 83438 417-422 83439 422-427 83440 427-432 83441 432-437 83442 437-442 83443</p>	<p>NIL NIL NIL NIL NIL NIL</p>
452 - 464	<p>30°</p> <p>DARK GREY-BROWN H=5.5-6 DYKE? HIGHLY MAGNETIC W/ 10% THIN YELLOWISH BROWN SERICITE WISPS. UP TO 3% FINE PYRITE W/ INTERBANDED DARK GREEN TO BLACK H=4 SOAPSTONE/TALC CHLORITE SCHIST.</p> <p>475-483 - PREDOMINANTLY SOAPSTONE</p>	<p>442-447 83444 447-452 83445 452-457 83446 457-462 83447 462-467 83448 467-472 83449</p>	<p>NIL NIL/NIL NIL NIL NIL NIL</p>
501	<p>30°</p> <p>SOAPSTONE/TALC CHLORITE SCHIST W/ 10% SERICITE WISPS. POSSIBLE INTERFINGERING OF ABOVE DYKE.</p> <p>487-501 - TRANSITION TO CHLORITE TALC SCHIST. HIGHLY CONTORTED W/ BOUQUINS OF QU + SS TYPE META SEDIMENT</p>	<p>472-477 83450 477-482 83451 482-487 83452</p>	<p>0.002 NIL NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
792 - 809.5	DEEP PURPLISH GREY BIOTITE CAMPROPHYRE DYKE MODERATELY MAGNETIC H=6-5.5 15% BIOTITE ALIGNED WITH FOLIATION.	785-790	83488	.002
		790-792	84504	NIL
		792-797	83489	NIL
		797-802	83490	.002
		802-805	83491	NIL
	805-809.5	83492	NIL	
809.5 - 810.5	40' FAULT BRX + GOUGE	809.5-813	83493	.002
	90°	88-817	83494	NIL
810.5 - 817	GREENISH-TAN H=5 FINE GRAINED TO MEDIUM GRAINED PORPHYRITIC? MAGNETIC DYKE? 20% CHLORITE PLEBS UP TO 2mm 3% ROUNDED FELDSPATHIC FRAGS. UP TO 5mm			
817 - 920	400 DULL GREEN TO EMERALD GREEN QUARTZ MARIPOSITE CHLORITE CARBONATE SCHIST BRECCIA. HIGHLY CONTOURED, H=5.5. W 20% BUFF-YELLOWISH TAN "DYKES", BANDS OF PALE GREY FELTED, FINE GRAINED PYRITIC ALTERATION MAKE UP 3% OF ROCK MAINLY IN BUFF DYKE MATERIAL. 885-920 - INCREASING AMOUNT OF QUARTZ VEINING UP TO 35% OF TOTAL ROCK. LOCALLY UP TO 5% PYRITE BUT 1% OVERALL	817-820	83495	.002/.005
		820-825	83496	.002
		825-830	83497	NIL
		830-835	83498	.002
		835-840	83499	.002
		840-845	83500	.002
		845-850	8501	.005
		850-855	8502	.005
		855-860	84503	.005/.005
		860-865	84506	.002
920 - 922	400 SERPENTINE WISPS IN THOLEIITIC BRX. (CONTACT BRX. CHERT BANDS (BRECCIATED) UP TO 1cm	865-870	84507	.002
	45° GRADATIONAL CONTACT	870-875	84508	.002
922 - 1006	THOLEIITIC METAVOLCANICS DARK GREEN MASSIVE VARIABLY MAGNETIC 943-944.5 - PALE GREY BLEACHED ZONE AROUND 2" QU W 2% COARSE ASPY	875-880	84509	.005
		880-885	84510	.005
		885-890	84511	.005
		890-895	84512	.005
		895-900	84513	.020
		900-905	84514	.015
		905-910	84515	.005
		910-915	84516	.005
		915-920	84517	.002
		920-925	84518	NIL
1006'	END OF HOLE	943-944.5	84519	.010

DIAMOND DRILL LOG

(Notes)
108 bxs

COASTORO RESOURCES LTD.

PROPERTY Newfield. TOWNSHIP Garrison

DATE June 1988 PAGE: 1 OF 26

HOLE NO. N88-77 DIP -90° AZMIUTH - LOGGED BY A.D. Drummond.

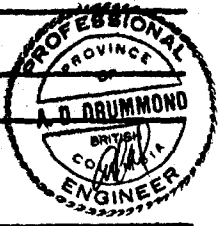
CORE SIZE BQ TOTAL FOOTAGE 2046' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE See listing in log. LOCATION: 26+94N, 37+25W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 1'

DRILL TIME: START May 31/88 FINISH June 11/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS To test rock type + strength in possible shaft site area



FOOTAGE	DESCRIPTION	DIP		
0	Casing 1' Fgs. dk green Tholeiite flow non magnetic, leucocrine to 8' 7 Quarz veinlets bts 6.5 - 8' blocky core to 10'	Largest core piece (in ft)	Smallest core piece (in ft)	Fractures per 10'
		.58'	.04'	50 av. 65° HCA
10	11-16 poss flow margin into magnetic	.46'	.08'	30 av. 50° HCA
20	25-26 - QU + QU BRECCIA MAGNETIC FLOWS QTE CARB VEINLETS PARALLEL TO FRACTURE SET @ 45° TO C.A.	1.08'	.04'	27 AVE 45° TO C.A.
30	33-34 } QTE CARB 35-36 } BRECCIA + VEINING @ 15° TO C.A. WEAKLY MAGNETIC	1.50'	.08'	20 AV. 45° TO C.A.
40	42' - QTE CARB VEIN 3" @ 40° 2 QTY CARB STRINGERS/VEINLETS WEAKLY MAGNETIC	1.17'	.08	19 AV. 45° TO C.A.
50	3 QTE CARB VEINLETS 58' } HEMATITIC SLIPS @ 15° 63' } AROUND SELVAGES OF 1" PILLOW MAGNETIC	1.08	.08	25 AVE. 40° DISTICT SET @ 10-30° to C.A.
60				10° PILLOW SELVAGE

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
60	6 QZ CARB VEINLETS @ 50° TO C.A. MAGNETIC	LARGEST PIECE 1.00' SMALLEST PIECE 0.04' FRACTURES PER 10' 23	
70	75' 1" QZ CARB VEIN @ 10° MINOR QZ CARB VEINLETS @ WEAKLY MAGNETIC	1.75 -04' 21 AV 55° TO C.A.	10°
80	90' 1" QZ CARB VEIN SHEARED, FRACTURE CONTROLLED (BOTH SIDES) OF VEIN @ 30° TO C.A. WEAKLY MAGNETIC	2.08 .08 18	30°
90	MINOR QZ CARB VEINLETS 97-99 PALE BROWN GREY CARBONATE BX MINOR CS PYRITE NON MAGNETIC	1.58 .04 43 PREDOMINANTLY IN LAST 3 FEET OF 10 FOOT INTERVAL	Rotodip -90° @ 96'
100	MINOR (4) QZ CARB VEINLETS NON MAGNETIC	2.17 .08 31	
110	NON MAGNETIC 119 - SHEARED QZ CALCITE VEIN FRACTURED ALONG LOWER CONTACT 113-114 QZ CARB (ANKARITE) PYRITE BRECCIA	1.12 .04 15 AV. 50°	10°
120	122' - SHEARED QZ CALCITE VEIN AS ABOVE W EPIDOTE XL'S? UP TO 1cm NON MAGNETIC	1.25 .04 21 DISTRICT SET @ 30°	10° 100° QZ W EPIDOTE
130	137' - 2x1" QUARTZ CARB VEINS @ 50° TO C.A. NON MAGNETIC	1.5 .04 23	
140	140.5 - 142 QUARTZ CARB VEINING 148-150 - FRACTURE SET @ 0° TO C.A.	1.5 .04	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
140	145' - BROKEN ROCK, CLOSE JOINTING LARGEST PIECE (1.6') SMALLEST PIECE (.104') FRACTURES PER 10' @ 30°/70° (JOINT SET)		QV 30°
150	156' - QV + QV BRK AROUND PILLOW SEWAGE TR-NIL QTZ CALCITE VEINLETS NON MAGNETIC	AV. 55° TO C.A.	
160	163' - 4" QTZ, EPIDOTE? VEIN @ 45° NON MAGNETIC	1.33 .17' 22 AV. 50° TO C.A.	
170	178' - FRACTURE SET // TO C.A. ROCK IS COARSER GRAINED, MASSIVE TO CHLORITIC (DARK GREEN) RINDS ON QUARTZ VEINLETS @ 45° TO C.A.	1.33 .04 27 AV. 45°	
180	MINOR QUARTZ CALCITE VEINLETS WEAKLY MAGNETIC	1.25 .04 29 AV. 30° TO C.A.	
190	NON MAGNETIC	1.25 .08 20 AV. 45°	
200	NON MAGNETIC	1.58 .08 17 AV. 50° TO C.A.	
210	NON MAGNETIC	1.58 .04 17 AVE. 30° DISTINCT SET @ ~30°	
220			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
220	<p>LARGEST PIECE 2.12 SMALLEST PIECE .04 FRACTURES PER 10' 16</p> <p>NON MAGNETIC</p>	<p>AV. 500 TO C.A.</p>	<p>Spongy Sun dip -89.5° @ 226'</p> <p>Roto dip -90° @ 226'</p>
230	<p>1.17 .04 21</p> <p>237-238- EPIDOTE BEARING QV PROBABLY ASSOCIATED W PILLOW SILVAGE ORIENTATION INDETERMINABLE</p> <p>NON MAGNETIC</p>	<p>AV. 450</p>	
240	<p>.92 .08 18</p> <p>NON MAGNETIC</p>	<p>AV. 500</p>	
250	<p>1.25 .25 14</p> <p>NON MAGNETIC</p>	<p>AV. 400</p>	
260	<p>3.00 .04 19</p> <p>NON MAG. MINOR QZ CALCITE VEINLETS CARBONATE HOOKS UP TO 1mm 30%</p>	<p>AV. 450</p>	
270	<p>2.00 .08 19</p> <p>NON MAG 275' FRACTURE SET, WAVY @ ~10° TO C.A.</p>		<p>0-10'</p>
280	<p>1.25 .04 19</p> <p>NON MAG</p>		
290	<p>3.00 .08 17</p> <p>NON MAG</p>		
300			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
300	<p>NON MAG</p> <p>LARGEST PIECE 1.33 SMALLEST PIECE 0.4 FRACTURES PER 10' 21 AV. 45°</p>		
310	<p>NON MAG</p> <p>1.25 .08 18 DISTICT SET NEAR H TO C.A.</p>		
320	<p>NON MAG</p> <p>2.50 .08 16 AV. 40°</p>		
330	<p>LOCALLY BRECCIATED PROBABLY AROUND PILLOW SEWAGES. 334 → VERY FINE GRAINED, PILLOWED FLOWS (PILLOW BRX) NON MAGNETIC W/ CARBONATE HOOKS</p> <p>1.5 .08 16 AV. 30°</p>		
340	<p>CHLORITE FILLED VESICLES UP TO 2mm < 20%</p> <p>2.17 .08 13 AV. 45°</p>		
350	<p>355 - HEMATITE, CALCITE IN FRACTURE PARALLEL TO C.A. NON MAGNETIC</p> <p>1.33 .08 15 DISTICT FRACTURE SET TO C.A. AV. 30°</p>		HEMATITE CALCITE FRACTURE 20-5°
360	<p>NON MAGNETIC</p> <p>2.67 .17 10 AVE. 45°</p>		
370	<p>NON MAGNETIC</p> <p>1.00 .08 18 AVE 45°</p>		
380			


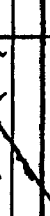
- Rot dip at 376' - 875°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
380	382' - PYRITE BANDS LARGEST PIECE 1.67 SMALLEST PIECE .08 FRACTURES PER 10' 19' AV. 500		
390	↓ NON PORPHYRITIC / NON VESICULAR NON MAGNETIC 2.67 .25 16 AV. 450		
400	402 - CALCITE CHLORITE SHEAR @ 5° TO C.A. NON MAGNETIC 2.92 .08 15 AV. 450		
410	411 - 413' CARBONATE HOOPS UP TO 30% OF ROCK 1.83 .17 12 AV. 450		
420	NON MAG. 2.17 .12 10 AV. 450		
430	NON MAG. 1.75 .25 10 AV. 450 435' - 2 BANDS OF LIGHT GREY BROWN CARB. PYRITE QUARTZ ARSENOPIRITE (10% OF ROCK + UP TO 1MM LONG) @ 45°		AS BANDS
440	NON MAG. 2.00 .08 11 AV. 450		
450	NON MAG. 2.00 .08 12 AV. 450		
460			

FOOTAGE	DESCRIPTION	ASSAYED FOR			ASSAY RESULTS
		LARGEST PIECE	SMALLEST PIECE	FRACTURES PER 10'	
460	NON-MAG.	1.75	.33	10 ^f AV. 40°	
470	NON MAG.	1.33	.12	16 AV. 45° BUT DISTICT SET // TO C.A.	
480	NON MAG.	2.00	.33	10 AV. 45° BUT DISTICT SET // TO C.A.	
490	INCREASING AMOUNT OF CARBONATE MUCKS 493' - SEVERAL 1" QUARTZ CALCITE VEINS @ 45°	1.92	.04	17 AV 45°	
500	502 - 516 - QUARTZ CARBONATE ZONE @ 45° w UP TO 15% PYRITE AND UP TO 10% ASPY PALE GREY BROWN w WHITE QRTZ VEINS	3.50	.08	17 AV. 45°	502-504 84520 504-506 84521 506-508 84522 508-510 84523 510-512 84524 450 v .065 .035 v CARB, QRTZ .030 * ASPY .020
510	516 - - STRONGLY CALCAREOUS THOLEIITIC FLOWS NON MAGNETIC	1.33	.08	15 AV. 45°	512-514 84525 514-516 84526 { .080 / .085 } .08 { .075 / .080 } v .035 502-516 .04 / 14'
520	NON MAGNETIC	2.58	.17	11 AV. 50°	
530	NON MAGNETIC	2.00	.08	14 AV. 40°	
540	NON MAGNETIC				

FOOTAGE	DESCRIPTION			ASSAYED FOR	ASSAY RESULTS
540	NON MAGNETIC	LARGEST PIECE 1.67	SMALLEST PIECE .17	FRACTURES PER 10' 13 AV. 60°	
550	NON MAGNETIC	1.50	.04	15 AVE. 60° 1 SET @ 35° 1 SET @ 85°	
560	NON MAGNETIC	1.83	.08	20 AVE. 50° TWO SETS AS ABOVE	
570	570-571 QUARTZ CALCITE VEINING AND PRECIPITATION @ 35-40° POSSIBLE FLOW MARGIN				FLOW MARGIN? 40° - 35° QZ CALCITE
570-572	ROCK IS MAGNETIC	2.00	.17	.17 AV. 50°	
580	NON MAGNETIC	1.17	.08	23 AV. 50°	at 586' Rotodip - 90°
590	NON MAGNETIC	1.42	.04	29 AV. 45°	
600	MAGNETIC	.92'	.04	39 AV. 50°	NON MAG FLOW MARGIN! 30° TO C.A.
601'	FLOW MARGIN } FRACTURE @ 30° TO C.A. W PYRITE, SERICITE ALTH AND HEMATITE IN FRACTURE				MAG.
610	MAGNETIC	1.08	.04	25 AV. 45°	
620					

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
620	<p>Fr. qd to aphanitic Tholeiitic flow H = 5.5 magnetic colour grey-greenish tinged.</p> <p>LARGEST PIECE 1.67' SMALLEST PIECE .04' FRACTURES PER 10' 18 AV. 50°</p>		
630			
640	<p>1.75' 112' 20 magnetic 639-640' finer qd - chilled margin contact at 50° to CA @ av. 60° to CA</p>		
650	<p>640-640.5' sheared in part. f. qd. contact - chilled. Rx is Olivine Peridotite. (1.67') (1.08') with fine Olivine xls (18 notable by 641 - inc. in size to about 1mm by (av. 50° to ct.) 648' H = approx 4 - 4.5' - chl & mx. Rx contains chl. slip surfaces rather than joint planes.</p>		50°
660	<p>olivine Peridotite. (1.17') (1.17') 20 Note Contact at 640' - flow margin type. Olivine is about 35% of mx. H = 4 - 4.5 non magnetic @ 50° to ct.</p>		chl. surfaces. chl. slips at 40°
670	<p>(0.67') (0.04') 32 H = 4 - 4.5 non magnetic most at 60° but some at 20° to CA</p>		chl. slips 40° 50' 1" crushed chl zone
680	<p>(1.25') (1.08') 24 Note at 673 to 673.17' - 2" band spinifex texture at 50° at 40° H = 4.5</p>		spinifex band.
690	<p>(.42) (.04') 31 684' 1" at 55° skeletal zone? or weak spinifex. (av. at 50°) H = 4.5 a few down (chl. mixed) at 15°</p>		spinifex?
700	<p>1.04' (.12') 24 Olivine evenly distributed up to 35% of mx. H = 4.5 at about 45°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
700	<p>LARGEST PIECE (1.42') SMALLEST PIECE (.04') FRACURES PER 10'</p> <p>decrease in evenly diss. olivine i.e. chilled margin 704 to 705.8' grey Feldspathic(?) gabbroic margin flow? H₂O 5.5 by 707' olivine increasing in size to 1 mm chilled margin</p>	<p>28 @ 80° some at 30°</p>	 <p>80° Jts 50' 30° Jts chl. surfaces.</p>
710	<p>then into 1 cm olivine clusters with H₂O chld matrix olivine is about 25% of mx.</p>		
720	<p>Magnetic (1.08') (.04') @ 35°</p>	19 @ 35°	
730	<p>olivine Peridotite. Max. size clusters is 2 cm across</p> <p>magnetic (2.42') (.04') @ 40°</p>	19 @ 40°	
740	<p>Cluster type of olivine Peridotite</p> <p>magnetic 3.29' (0.04') @ 50°</p>	<p>Fault 25' with outside of fault @ 50°</p>	Fault.
750	<p>at 744 to 747.5 - olivine become evenly diss + finer. i.e. chilled margin Contact at 747.5 at 35° - margin 1/2" slip surface 747.5 to 748.5 in. in ol. size back to clusters magnetic (1.5') (.12')</p>	23 @ 45°	 <p>Contact at 35°</p>
760	<p>Clusters of Olivine are approx 1 cm olivine composes 35% ± of mx. magnetic (1.83') (.04')</p>	<p>20 with 9 outside of 40°</p>	<p>Fault slips chl. at 10°</p>
770	<p>769' CARBONATE VEIN IN FRACTURE AT BOTH CONTACTS @ 50° TO C.A.</p>	<p>AV. 40° DISTIC SET @ 5-10° TO C.A.</p>	
780	<p>OLIVINE BECOMING FINER GRAINED AND MORE EVENLY DISTRIBUTED (NOT IN CLUSTERS) (2.42') .08'</p>	15 AV. 45°	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
780	<p>LARGEST PIECE 1.25 SMALLEST PIECE .08 FRACTURES PER 10' .25 AVE. 40°</p> <p>788-789 - QUARTZ CALCITE VEIN @ 40° 1" WIDE WITH FINE GRAINED CHLORITE ZONE SURROUNDING VEIN</p>		
790	<p>1.00' .02 793-794L QUARTZ CALCITE VEIN + ASSOCIATED BR. FRAGS OF CHLORITE AND PYRITE INCLUDED. 0.5' OF FAULT GOUGE 794' - FINE GRAINED CONTACT AREA. CONTACT @ 35° WITH FINE GRAINED THOLENITE</p>		<p>olivine peridotite 35° THOLENITE</p>
800	<p>2.00' .02 805-806 - QUARTZ CALCITE VEIN AND FRACTURE ZONE FRACTURE SET @ 10° TO C.A.</p>	<p>30 AV. 35°</p>	
810	<p>815' BRECCIATED: CHLORITE MATRIX AROUND ANGULAR</p>	<p>12 AV. 30°</p>	
820	<p>Dk grey Tholeiitic flow(s) FLOW BANDING @ 35-40°</p> <p>Strongly magnetic H = 5.5</p>	<p>13 AV. 50°</p>	
830	<p>Dk grey Tholeiite flow(s) magnetic. H = 5.5</p>		<p>ch. slip 25° carb. ch. at 60° 30° 60°</p>
840	<p>Dk grey Tholeiite magnetic Scattered hairlines of carb veinlets. H = 5.5</p>	<p>(1.83') (0.2') (joint set at 60° + 30°) 8 @ 55°</p>	<p>ch. contact 20° 60°</p>
850	<p>Dk grey to light grey Minor colour variations - several flows(?) magnetic to non-magnetic H = 5.5</p>	<p>(4.00') (0.12') 13 joints at AV. 50°</p>	<p>1" carb-vel. frag Bax. poss contact 30°</p>
860			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
860	Light grey. slightly porphyritic magnetic. Tholeiite flow H S.S	Largest piece (ft) (3.25') Smallest piece (ft) (.29') fractures/jts per 10' 10 @ nr. 60°	2" Carb veinlet
870	as above. uniform flow(s) H S.S	(1.71') (.17') 10 (chl. coated no slices) @ 55°	
880	as above uniform flow(s) H S.S	(1.33') (.17') 10 @ 40° + 15° joint set	
890	as above. (non magnetic) H S.S	(1.71') (.29') 10 @ 45° joint set	
900	as above non magnetic H S.S	(3.37') (.17') 8 @ 70°	
910	as above H S.S	(1.12') (.29') 11 @ 60° Poss. flow margin →	2" many carb veinlets at 40° flow contact? 30°
920	Color variation dk grey / lighter grey magnetic / non magnetic (poss several flows here) at 30° to CA H S.S 918-920 - ~ 1% diss py.	(2.54') (.29') 10 @ 60°	3" some carb filled BRV 1" carb veinlet at 30°
930	Darker grey-green aphanitic magnetic H S.S	(2.54') (.29') 10 @ 60°	
940	Darker grey-green aphanitic 939-940 - pillow zone - carb epi between flows H S.S	(3.37') (.25') 10 @ 70°	flow margin

PROPERTY Newfield

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FOOTAGE	DESCRIPTION			ASSAYED FOR	ASSAY RESULTS
940	Dk grey-green magnetic H = 5	Largest piece (ft) (4.0')	Small piece (ft) (.17')	fractures/jts per 10' 8 @ 50°+70°	
950	Dk. grey-green non-magnetic H = 5	(2.42')	(.34')	13 @ 55° joint set.	XXXX
960	Dk. grey green non-magnetic H = 5	(2.0')	(.17')	10 @ 50°	1/2" carb chd slip at 15°
970	Dk green aphanitic Weakly magnetic H = 5	(1.5')	(.42')	5 @ 70°	at 976' Rotodip -90°
980	Dk green aphanitic magnetic H = 5	(3.25')	(.21')	5 @ 45°	carb (carb) filled. brw. 15°
990	Dark Green aphanitic non magnetic H = 5	(2.71')	(.21')	6 @ 40°	
1000	Dk → lighter green-grey. non magnetic H = 5	(3.17')	(.42')	6 @ 50°/30° joint set.	1" carb. filled box 15° 1" carb chd veinlet 40°
1010	Grey-green aphanitic H = 4.5-5 contact-flow margin	(4.08')	(1.00')	4 @ 30°	1" carb chd veinlet 30°
1020	Grey aphanitic (carbonatized?) H = 4.5-5 non magnetic			poss margin 30° shattered zone veinlets to hairline of carb chd (no movement on chd.)	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1020'	Green grey Largest pc (ft) (4.42') Smallest pc ft (1.42') Fracture ft/10' 4 @ 30°		carb cgl matrix shatter filling.
1030	H = 4.5 (8.0') 1.0' 2 @ 20°		1" carb cgl vn. at 20° 2" carb cgl vn 30°
1040	1034 Flow margin Breccia - at 25° to cA in part Carbonatized to lt. grey - iron mag. py in matrix 1044		found at 25°
1050	H = 4.5 6.0' .04' 4 @ 35° (10.0') 0 @ 35°		1" carb cgl vein 25°
1060	margin dark green H = 4.5 1056 - Start aligned amygdalites at 20° non mag. amygdaloidal tholeiite (carb or chl) (up to 10% of rx) Dk green non magnetic (10.0') 0 2 at 45°		2" Carb vein let 50°
1070	H = 4.5 Dk green non magnetic 10.0' 0 2 at 45° alignment of amygdalites at 20°		
1080	H = 4.5 Dk green non-magnetic (8.0') (1.0') 3 @ 45°		
1090	H = 4.5 Dk green magnetic (7.0) (1.0) 5 @ 70°	dec. in Amygdalites.	6" Carb- cgl at Base 35°
1100	H = 5		

PROPERTY Newfield

HOLE NO. N 88-77

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FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1100	Dk green aphanitic magnetic H=5 Largest pc (ft) Smallest (ft) Fracture Joints per 10'		
1110	(10.0')	NIL	NIL
1120	Dk green aphanitic magnetic H=5 (8.0') (.33')	6 at 60°	
1130	Dk green aphanitic magnetic H=5 (3.75') (.5')	12 at 60°	hailing 20 carb slip
1140	Dk green aphanitic magnetic H=5 (1.5') (.17')	19 at 55°	BRX Carb matrix to tholeiite fragments 25 hailing Carb chs at 50°
1150	Dk green aphanitic magnetic H=5 (2.42') (.50')	8 at 60°	1/4" carb slip 20°
1160	Green grey aphanitic magnetic (7.5') (2.0')	2 at 55°	1/4" carb slip 20°
1170	Green grey magnetic aphanitic --- change to non magnetic (7.0') (.42')	6 @ 60°	floor margin? 1" Carb ch ps 15°
1180	Dk grey-green aphanitic non magnetic (4.83') (.83')	5 at 60°	2' Carb down ore 10°

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FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1180'	Dk green aphanitic non magnetic Largest pc (ft) Smallest pc (ft) Fracture joints per 10' lighter tan-green		carb filled fracture 20°
1190	H = 4.5 aphanitic non magnetic (2.21') (.42')	at 10° 60° shattered zone with halite in chl / carb-chl. no movement.	
1200	H = 4.5 Dk green aphanitic non magnetic (1.5') (.25')	10° 60° Poss. flow margin	40° 3/4" carb chl at 40°
1210	Dk. green aphanitic non-magnetic H = 4.5 (1.5') (.25') @ 60°		
1220	H = 4.5 non magnetic 1226 Some amygdules of chl. (1.5') (.42')	@ 50° 13 at 60°	1/4" carb fracture with halite adjacent
1230	non magnetic H = 4.5 1232		
1240	H = 4.5 - 5 Grey-green aphanitic magnetic (2.75') (.67')	8 at 60°	
1250	H = 5 grey-green aphanitic magnetic (3.00') (.17')	9 @ 60°	
1260	H = 5 (3.08') (.21')	6 @ 60°	

PROPERTY Newfield

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OF 26

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	(largest pe (ft) Smallest pe (ft) Fractures #/10')		
1260	Grey greenish, aphanitic tholeiitic flow(s) poss. flow margin	1268' -89.5° Rotodip	9" Epidote band
1270	H=5 magnetic (3.42') (.33') @ 60°		
1280	H=5 magnetic (1.83') (.04') @ 60° ± 20°		
1290	H=5 magnetic (2.67') (.33') @ 60°	at 1286' Rotodip -89.5°	3" Epidote band
1300	H=5 magnetic (0.87') (.12') @ 70° ± 15°		10' fractures down core
1310	H=5 magnetic (2.00') (.17') @ 100° ± 70°		
1320	H=5 magnetic (2.17') (.25') @ 45°		
1330	H=5 magnetic (2.33') (.25') @ 70°		70° ± 15° jt. set.
1340	H=5 magnetic (2.33') (.25') @ 60°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1340	grey-green aphanitic tholeiite flow(s) largest pc (ft) smallest pc (ft) fracture 7/10 per 10'		
1350	H=5 magnetic (2.0') (.25') @ 60° ¹³		
1360	H=5 magnetic (2.0') (.25') @ 60° ¹²		
	--- 1365 magnetic ↓ non magnetic	flow margin	1365 ← Carb filled. 1364 ← flow margin Bv
1370	H=5 (2.0') (.42') @ 70° ⁷		
1380	H=5 non mag. (1.75') (.17') @ 60° ¹¹		(Mating only)
1390	H=5 non mag. (3.08') (.33') @ 65° ⁷		
1400	H=5 non mag. (2.5') (.5') @ 60° ⁷		
		(4.33') (.33') @ 60° ⁹	
1410	H=5 non mag.	banding. - flow 40°	
1420	H=5 non mag. (3.67') (.58') @ 60° ⁵		

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HOLE NO. N 88-77

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FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1420	<p>Grey-Green aphanitic Tholeiite flow(s)</p> <p>Largest pc (4) Smallest pc (4) Fragments per 10'</p>		
1430	<p>H = 4.5 - 5 non mag. (3.50') (425) @ 60°</p>		
1440	<p>H = 4.5 - 5 wk mag. (3.58') (158) @ 70°</p>		
1450	<p>H = 4.5 - 5 mag^{ic} (2.04') (12) @ 35°/60°</p>		35° 60°
1460	<p>H = 4.5 - 5 mag^{ic} (2.17') (12) @ 60°</p>		
1470	<p>H = 4.5 - 5 wk. mag^{ic} (2.0') (25) @ 40°</p>		
1480	<p>H = 4.5 - 5 non mag^{ic} (1.5') (33) @ 60°</p>		1/2" carb. chd brx - no movements. 20°
1490	<p>H = 4.5 - 5 non - mag^{ic} (1.62') (25) @ 60°</p> <p>Dk. greenish grey carb amygdaloidal flow(s)</p>		2" Carb. chd filled brx. 50°
1500	<p>H = 4.5 - 5 non - mag^{ic} (1.25') (33) @ 60°</p>		Crushed area with chd. no movements 10°

FOOTAGE	DESCRIPTION			ASSAYED FOR	ASSAY RESULTS	
			Largest pc (ft)	Smallest pc (ft)	Fractures ft per 10'	
1500'	Dk greenish grey. amygdaloidal flow(s)					
1510	H= 4.5-5	non mag ^{ic}	(5.5')	(.17')	5 @ 60°	
1520	H= 4.5-5 ↓ to 1520'	non mag ^{ic}	(3.17')	(1.0')	6 @ 60°	
	Grey-green aphanitic.					
1530	H= 5	non mag ^{ic}	(8.0')	(.25')	4 @ 60°	
1540	H= 5	non magnetic	(2.5')	(.42')	8 @ 60°	
			(10.0')	nil	nil.	
			H=6. 1544 to 1545' with carbonized zone of 6" each side up to 5% diss Arsenopyrite coarse xls.			1" Qu Aspy vert 70°
1550	H= 5	non mag ^{ic}				Pillar structure
						chl. amygdulae fitted feldspar flow.
1560	H= 5	non mag.	(5.0')	(1.08')	5 @ 60°	
			1562' chl. amygdulae aligned @ 10-20° to CA			flow margin. 10-20° to CA.
1570	H= 5	non mag	8.33	(.75')	3 @ 50°	
1580	H= 5	variable non-mag to strong mag to non mag ^{ic}	8.33	(.75')	3 @ 50°	

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FOOTAGE	DESCRIPTION			ASSAYED FOR	ASSAY RESULTS
	Largest pc (ft)	Smallest pc (ft)	Fracture/Sts per 10'		
1580					
1590	H=5 non mag	(6.5')	(.5')	4 @ 60°	
	Grey green to Dk grey-green aphanitic				1" carb-filled box. 30°
1600	H=5 non mag	(6.5')	(.5')	4 @ 60°	
	Dk green				
	wk. magnetic.				
1610	H=5-4.5	(3.17)	(1.0')	4 @ 60°	
					2" carb filled box 50°
1620	H=4.5-5 non mag.	(2.5')	(.33')	6 @ 60°	
					6" at 60° carb filled box
1630	H 4.5-5 non mag	(2.25')	(.42')	6 @ 30°	
	pale green to dk green				
					20° 3' carb filled fracture
1640	H=4.5-5 non mag	(3.0')	(.5')	6 @ 30°	
	Dk green aphanitic				at 1636' Photo dip -89°
1650	H=4.5-5 non mag	(6.0')	(3.0')	4 @ 60°	
1660	H=5 non magnetic	(3.67')	(1.0')	6 @ 60°	

PROPERTY Newfield.

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FOOTAGE	DESCRIPTION			ASSAYED FOR	ASSAY RESULTS
	Largest Pc (ft)	Smallest Pc (ft)	Fracture/fts per 10'		
1660					
	Dk green-grey aphanitic (3.33') (.83')				
	Fracture/fts per 10' @ 5 60°				
1670	H = 4.5-5	non mag.	(2.67') (1.0)		
	Poss flow margin				
	Fracture/fts per 10' @ 6 60°				
1680	H = 4.5-5	non mag.	(1.42') (.5')		
	Fracture/fts per 10' at 8 30° + 70° jt set.				
1690	H = 4.5-5	non mag.			
	start Amygdaloidal flows. flow margin. carb. ch. filled. aligned 10 ± 20° to CA				
1700	H = 4.5-5	non mag.	(2.58') (.33')		
	Fracture/fts per 10' at 11 30° + 60° jt set.				
	↓ decr. amygdaloids.				
1710	H = 4.5-5	non mag.	(5.0') (1.0')		
	Grey-green	flow margin	shattered carb filled.	170B ↓ 1700	40° 1/2" carb ven
	Fracture/fts per 10' 5 @ 50°				
1720	H = 4.5-5	non mag.	(3.17') (1.0')		
	Scattered amygdules.				
	Fracture/fts per 10' 8 at ~ 50°				
1730	H 4.5-5	non mag.	(2.0') (.5')		
	Dark green				
	Fracture/fts per 10' 9 @ ~ 50°				
1740	H 4.5-5	non mag.	(2.5') (.5')		
	Start flow margin bit				
	Fracture/fts per 10' 10 @ ~ 50°				

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HOLE NO. N 88-77

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FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1740	dk green Flow margin bre. Poss. large pillows	Flow	30°
1750	H 4.5-5 non mag. green grey.	7 @ ~ 60° shattered with carb filling	
1760	H ~ 5 non mag green grey aphanitic. to 1765 Flow margin	6 @ 50°	1756 to 1760 carb halite 30°(?)
1770	H ~ 5 non mag grey-green	6 @ 35°+60°	
1780	H ~ 5 non mag pale green.	7 @ av. 50° massive pyrite →	1" carb chd massive py 20°
1790	H ~ 5 non magnetic pale green	4 @ ~ 40° carb halite.	1" Qu ven 30°
1800	H ~ 5 non mag. green grey	4 @ ~ 30°	
1810	H ~ 5 non mag. dk green	1808-1810 4 @ 30° margin?	Qu carb vas 30° // contact? of floor carb halite shattered zone.
1820	H ~ 5 non magnetic (3.42') (1.5')	7 @ 60°	

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HOLE NO N 88-77

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FOOTAGE	DESCRIPTION			ASSAYED FOR	ASSAY RESULTS
	Largest pc ft	Smallst pc ft	Fractures/ Jts/pc 10'		
1820	Dk green aphanitic tholeiite flow(s)				
1830	H 4.5	non mag	(3.25') (1.08')	4 at 50°	
1840	H. 4.5	non mag	(4.75') (.5')	4 at av. 45°	Pillar structures with rims reaction ± py
1850	H 4.5-5	non mag	(2.58') (.58')	6 at 50° (joints)	at 1846' Rotodip - 89° Pillar structures only weakly developed.
1860	H 4.5-5	non mag	(4.0') (.33')	6 at 45°	
1870	H 4.5-5	non mag	(3.5') (.67')	7 at 40 + 75° carb lined joints?	
1880	H = 4.5-5	non mag	(2.75') (.67')	7 at 70° carb lined joints	Pillar structures reaction rims. On carb lined py between pillars.
1890	H = 5	non mag	(4.08') (.33')	4 @ 70°	carb. hastine shatter zone
1900	H = 4.5	non mag	(10.0')	nil nil	Wkly developed pillars or large pillars. Sperry Sun dip - 89° at 1900'

50° zone of carb. lin. Ven. in.

75
40

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HOLE NO. N88-77

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FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1900	Dk green aphanitic Pillowed Tholeiite		
1910	H 4.5 non magnetic (3.85') (1.5')	5 at 45°	Well developed Small Pillows (py present in pillow matrix)
1920	H 4.5 non mag (4.75') (1.25')	3 at 60°	
	1921.5 Slow margin at 40° Dk green uniform aphanitic plms		
1930	H 4.5 non mag (10.0') nil nil		
1940	H 4.5 non mag (4.0') (2.0')	4 @ 50°	1" carb vein at 30°
1950	H 4.5 non mag (3.25') (1.67')	8 @ 65°	1.5' carb filled Box 45°
1960	H 4.5 non mag (6.0') (1.5')	5 @ 45°	
1970	H 4.5 non mag (5.0') (1.67')	5 @ 45°	carb hardness scattered throughout
1980	H 4.5 non mag (3.0') (2.0')	5 @ 45°	2" carb filled Box 45°

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HOLE NO. N 88-77 PAGE: 26 OF 26

FOOTAGE	DESCRIPTION		Fractures		ASSAYED FOR	ASSAY RESULTS
	Largest	Smallest	Per 10'	Per 10'		
1980	Dk green uniform aphanitic flow (6) tholeiitic					
1990	H = 4.5	non magnetic	(3.19')	(.42')	5 @ 60°	
2000	H = 4.5	non mag.	(3.0')	(.67')	5 @ 60°	
2010	H = 4.5	non mag.	(3.08')	(.75')	7 @ 45°	
2020		non mag.	(6.5')	(.04')	4 @ 35°	
2030	H = 5	non mag.	8.0'	2.0'	@ 40°	
2040	H = 5-5.5	non mag. pale green, harder.	(3.0')	(.75')	6 @ 45°	
	H = 5.5	non mag.	(2.25')	(.67')	3 @ 60°	
E.O.H. 2046'						

largest Fractures Smallest Per 10'

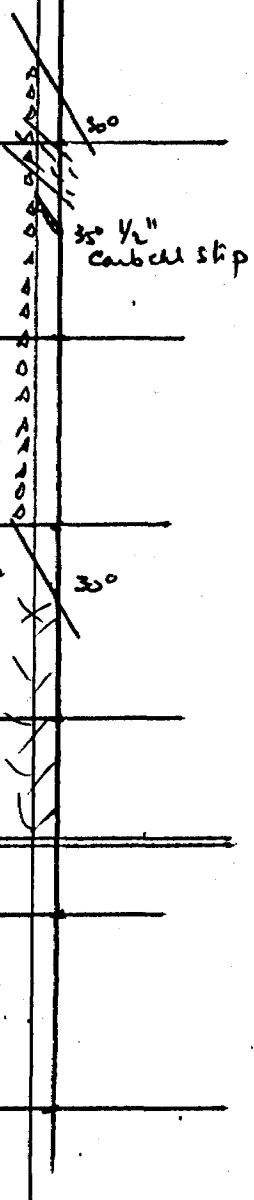
↑ uniform flow aphanitic
 — 2006 contact - sharp.
 ↓ (3.08') (.75') @ 45°

Dk green volcanic breccia cut by Au-carb-chl veins ± 2010 to 2012'

↑ 2033' contact - sharp.
 Harder, pale green, ± carbonatized floor.

carb halos
 Shattered zone.

Rotodip - 89.5° 2040'



DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JUNE 21/88 PAGE: 1 OF 4

HOLE NO. N-88-7B DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

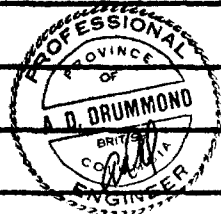
CORE SIZE BQ TOTAL FOOTAGE 996' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE at 596' 54° along 350° LOCATION: 16+00N / 33+00W
at 996' 50° along 355°

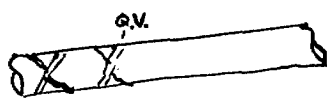
CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 19 FEET

DRILL TIME: START JUNE 17/88 FINISH JUNE 23/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION	
0 - 19'	OVERBURDEN (CASING)	
19' - 126	PURPLISH, REDDISH, GREY HEMATITIC H=6 MEDIUM TO FINE GRAINED MASSIVE, VUGGY META SEDS: 2% SPEC ULARITE, MULTIPLE VUGGY, LIMONITIC QUARTZ (CARB) VEINS, ≤1% DISS. PYRITE	
126 - 229	PINKISH RED H=6 FINE GRAINED HEMATITIC (JASPER) META SS. W BANDS OF PALE GREEN SERICITIC H=4.5 BANDS (PROBABLY META ARGILLITE) UP TO 2" WIDE. 126-146 } VUGGY, LIMONITIC QUARTZ VEINS IN 165-166 } FRACTURE TRACES.	
229 - 241	PURPLE GREEN SPECULARITE BEARING H=6 FOLIATED M MEDIUM GRAINED META GRWK.	
241 - 334	HIGHLY CONTORTED H=S.S CHLORITE QUARTZ SCHIST. DARK GREEN (DULL) W BOUNDINGS OF TAN BUFF, AND REDDISH BROWN FINE GRAINED H=6 META SEDS. FOLD PREDOMINANTLY @ 35° - 30° META SED BANDS HAVE 1-2% FINE PYRITE	
334 - 340	REDDISH, FINE GRAINED H=6 META SS FOLD @ 30-35°	
340 - 377	DEEP PURPLISH GREEN H=S SPECULARITE BEARING CHLORITIC META SEDIMENT INCREASINGLY CONTORTED AND SERICITE ALTERED TOWARDS CONTACT. 2-3% DISS + STR. PYRITE 354-355- PYRITE IN BANDS MAKES UP 10% OF ROCK 373-376- SHATTERED, STOCKWORK TYPE QUARTZ VEINING @ 35° TO C.A. 6" FAULT GOUGE 30°!	354-358 84527 .050 358-360 84528 .010 360-363 84529 .010 363-367 84530 .005 367-372 84531 .002 372-377 84532 .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
377 - 385	DARK GREEN (REDDISH TINGE) PYROXENITE DYKE		
385 - 387	40° FAULT GOUGE @ 40°		
387 - 399'	40° DEEP RED H=6 NON-MAGNETIC MASSIVE BAND OF META SED.? 394' - 2" OF FAULT GOUGE 394'-399. HIGHLY FRACTURED AND BRECCIATED 45°?		
399 - 414	DARK GREEN H=4-5 CHLORITE TALL SCHIST/SOAPSTONE STRONGLY FOLIATED @ 50° - 250		
414 - 444	50° MEDIUM DULL GREEN H=5-5 CHLORITE QUARTZ SCHIST LOCALLY CONTORTED FOLD @ 30-40° TO C.A.		
444 - 462'	FAULT GOUGE + BRX. @ 45° TRANSITION ZONE: RX'S GRADING INTO UM BRECCIA (FRAGS OF CHLORITE SERICITE ALTERED UM FLOW, W BANDS OF REDDISH BROWN H=6 META SEDS. 35° CONTACT		
462 - 476'	SHATTERED ("STOCKWORK TYPE" QV) H=6 PINKISH GREY 13H BROWN META SED. 20% QUARTZ VEINS 		
476 - 558	35° PALE GREEN H=5 CHLORITE SERICITE ALTERED UM FLOW TEXTURED ROCK 5% REDDISH METASS BANDS BECOMING INCREASINGLY MORE STRONGLY FOLIATED FOLD @ 525' = 20° TO C.A. NIL-TR. PYRITE	527-526-84533 526-530-84534 530-535-84535 535-540-84536 540-545-84537	.005 .002 .005 .005 .002
558 - 696	DARK GREY GREEN H=4-5 FOLIATED TALL CHLORITE ± QUARTZ CARB. SCHIST NIL TO TR. PYRITE LOCALLY HEMATIZED (JASPER BANDS) 578-583- REDDISH GREY H=6 STRONGLY MAGNETIC MEDIUM-GRAINED, MASSIVE DYKE? METAGRAWK 636-648 - HEMATIZED H=6 REDDISH GREY SYENITE DYKE? FOLD VARIABLE ~ 30° - 20° TO C.A.	545-550-84538 550-555-84539 555-558-84540 558-562-84541 562-566-84542 566-572-84543 572-578-84544 578-583-84545 583-588-84546 588-593-84547 593-598-84548 598-603-84549 603-608-84550 608-613-84551	.010 .030/.025 .010 .002 NIL NIL NIL NIL .002 NIL NIL NIL NIL NIL .002/.002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
832-876	MARLPOSITE ± CHLORITE QUARTZ SCHIST (BRX. W) 20% BUFF DYKE MATERIAL. SCHIST IS H+S-S-5 W 0.5% PYRITE. BUFF DYKE MATERIAL IS PROBABLY SAME ROCK AS FROM 870-832 - W 2% GREYISH QUARTZ MICRO STRINGERS (VEINLETS, + 2-3% PYRITE INCREASING SERICITE CONTENT TOWARDS 876 835-841 } BUFF "DYKES" 848-85-853 }	832-835-84598 835-838-84599 838-841-84600 841-846-84601 846-848-84602 848-853-84603 853-858-84604 858-863-84605 863-868-84606 868-873-84607 873-876-84608	NIL NIL .002/.005 NIL .002 .005 NIL .002 .002 .005 .005
876-895	40° GRADATIONAL CHERT ^{CARBONATE} SERICITE ± GRAPHITE BRECCIA MINOR MAR. POSSIBLY BRECCIATED THOLEIITIC VOLCANICS. H+S-S BLUISH GREY CHERT BANDS ARE "SHATTERED" + BRECCIAT- ED SERICITE MAKES UP 30% OF ROCK AS WISPS AND ALTERATION OF ROCK VOLCANICS. FOLD @ 35-40° TO C.A. 883-884- QUARTZ, GRAPHITE VEINING @ 40° TO C.A. 45°	876-880-84609 880-885-84610 885-890-84611 890-895-84612 895-900 84613 900-905 84614 905-910 84615 910-915 84616 915-920 84617 920-925 84618 925-930 84619 930-935 84620 935-940 84621 940-945 84622 945-950 84623	.045 ✓ .045/.063 ✓ .005 .002 .002 NIL NIL NIL NIL NIL NIL NIL NIL .002 NIL NIL
895-934	MEDIUM GRAINED SERICITE ALTERED YELLOWISH GREEN TUFF. FOLIATED @ 40° TO C.A. SUBROUNDED FRAGS OF FELDSPAR → SERICITE UP TO 1.5mm MAKE UP 3% OF ROCK LOCALY. ROCK IS "SHATTERED" BY "STOCKWORK" PATTERN OF BLUISH GREY AND BLACK QUARTZ ± CARB VEINLETS. TRACE FINE PYRITE	920-925 84618 925-930 84619 930-935 84620 935-940 84621 940-945 84622 945-950 84623	NIL NIL NIL .002 NIL NIL
934-979	40° FINE GRAINED SERICITE ALTERED "SHATTERED" THOLEIITIC (FLOWS?) 934-937 GRAPHITE BANDS W BANDS + BOUDINS (NOBULES?) OF 938-938.5 COARSE PYRITE		
979-996'	40° DARK GREEN MASSIVE TO WEAKLY FOLIATED H+S THOLEIITIC METAVOLC 20% TAN COLORED CARBONATE "HOOKS" ≤ 0.5mm.		
996'	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JUNE 23/88 PAGE: 1 OF 4

HOLE NO. N-88-79 DIP -60° AZMIUTH 240° LOGGED BY P. MEYER

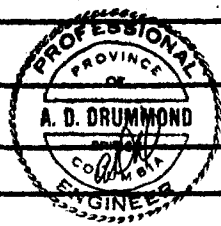
CORE SIZE BQ TOTAL FOOTAGE 1076' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 576' - 56 1/2° LOCATION: 16400N = 34400W
1076' - 48°

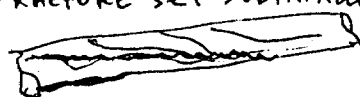
CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 22'

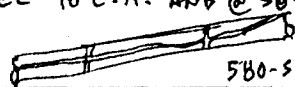
DRILL TIME: START JUNE 23/88 FINISH JUNE 25/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS NO EX

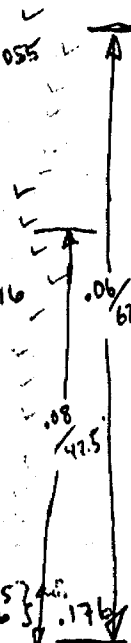


FOOTAGE	DESCRIPTION
0 - 22'	OVERBURDEN (CASING)
22' - 110	INTERBANDDED REDDISH BROWN ^{#=6} AND PURPLISH BROWN H=5 META SEDS. AND 20% BANDS OF COARSE-GRAINED (RECRYSTALLIZED) FOLIATED H=5.5 META SED? W 25% CHLORITE FLAKES MULTIPLE UUGG, LIMONITE STAINED (QUARTZ-CALCITE?) FILLED FRACTURES, SHEARING APPROACHING BEDDING/BANDING @ 35-40°
110 - 209	----- 30° INCREASING PALE GREEN <3" WIDE BANDS OF SERICITIC FINE OBTAINED H=5 META ARGILLITE? IN REDDISH + PURPLISH SEDS.
209 - 223	----- 25° DEEP PURPLE, HIGHLY FOLIATED; "MOTTLED" APPEARANCE META SEDS. 3% FINE PYRITE
223 - 256	----- 30° DULL GREEN H=5.5 QUARTZ CHLORITE SCHIST. FOL 15-35° TO C.A. W BOUNDINGS OF YELLOWISH, REDDISH AND BUFF COLORED H=6 META SEDS.
256 - 268.5	----- 45° DEEP REDDISH PURPLE H=6 META SED? W 3% RED FELDSPAR FRAGS UP TO 5MM STRONGLY MAGNETIC. 0.5% FINE PYRITE
268.5 - 369	----- 45° DARK GREEN H=4.5 STRONGLY FOLIATED (@ 0-35° TO C.A.) CHLORITE TALL SCHIST 0.5% PYRITE 279-282 - FAULT GOUGE + FAULT BRECCIA. FRACTURE SET SUBPARALLEL TO FOLD @ 100° TO C.A.



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
F	293-299 - PURPLISH GREY MASSIVE, MEDIUM GRAINED, H=6 BIOTITE → CHLORITE BEARING ROCK. 20% BIOTITE (ALTERED TO CHLORITE) FLAKES UP TO 5% PYRITE CUBES UP TO 1MM. MAGNETIC 336-341 - FAULT GOUGE + BRX. CHLORITIC. HEMATITIC @ 30° 300 CONTACT		
369-408	DARK GREEN H=5. CHLORITE ALTERED UM FLOW S FOLIATED SO AS TO MAINLY OBLITERATE TEXTURES FOL @ 20°-30° TO C.A. 369-384 - COARSE GRAINED (PORPHYRITIC?) REDDISH PURPLISH BROWN H=6 META SED. (ARKOSE?). 30% REDDISH K-SPAR? FRAGS UP TO 5MM. 2% FINE PYRITE 391-393 - PURPLISH GREY H=6 FINE GRAINED META-SED W 2% CHLORITE FLAKES, FOLIATED @ 40° TO C.A. 393-396 - FAULT GOUGE + BRX. - 396': GOOD SPINIFEX TEXTURE 397-399 - FAULT GOUGE + BRX. W/ WASSER STAINING		
5-437	40° YELLOW GREEN H=5 CHLORITE SERICITE ± MARIPOSITE ALTERED UM FLOW		
437-525	40° INCREASINGLY WELL FOLIATED CHLORITE, SERICITE ± MARIPOSITE ALTERED UM FLOWS + SCHIST W 35% OF ROCK COMPOSED OF REDDISH AND PURPLISH BROWN H=6 META SED BANDS UP TO 11' OF CORE LENGTH @ 35° TO C.A. META SED BANDS ARE VARIABLY FOLIATED AND CONTAIN TR TO 0.5% PYRITE. FOLD = 35° TO C.A.		
525-581	--- 35-40° GRADATIONAL GRADING INTO MARIPOSITE QUARTZ SCHIST W UP TO 3% GREYISH WHITE QUARTZ CALCITE VEINLETS ± 2% PARALLEL TO C.A. AND @ 50° TO C.A. W ASSOC. 0.5% PYRITE  580-581 - BUFF-TAN BAND W PINKISH QUARTZ CARB. VEINLETS. H=5.0	530-535 84624 NIL 535-540 84625 NIL 540-545 84626 .01/.015 545-550 84627 NIL 550-555 84628 NIL 555-560 84629 .035 560-565 84630 .002 565-570 84631 NIL 570-575 84632 NIL 575-580 84633 NIL 580-585 84634 .002 585-590 84635 NIL 590-595 84636 NIL 595-600 84637 NIL 600-605 84638 NIL 605-610 84639 .002/.005 610-615 84640 NIL 615-620 84641 NIL 620-625 84642 .002 625-630 84643 NIL	
581-658	DARK GREEN H=4-4.5 TALC CHLORITE SCHIST 0.5% FINE PYRITE. 2% PINKISH QUARTZ CALCITE BOUNDING + VEINLETS. 3% CARBONATE (BROWNISH) BANDS 595- 2" FAULT GOUGE @ 35° 599- " " " 40° 619-622 - PURPLISH GREY COARSE GRAINED BIOTITE SYENITE PKGE? 20% CHLORITE (AFTER BIOTITE) FLAKES UP TO 2MM. NON-MAGNETIC. H=5 CARBONATE ALTERATION.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
658-		630-635 84644	NIL
	648-650 - FAULT ZONE SHEARING + RUBBLE + QUARTZ VEINING @ 35° TO C.A.	635-640 84645	NIL
		640-645 84646	.002
	650-653 - QV BRECCIA "STOCKWORK" TYPE QUARTZ VEINING	645-650 84647	NIL
	653-658 - FOLIA IN TALL CHLORITE SCHIST = 0-10° WAVY.	650-655 84648	.005
		655-658 84649	NIL
658- 722.5	SERICITE, CARBONATE QUARTZ ALTERED ZONE. UP TO 5% FINE DISSEMINATE PYRITE. IN "BUFF-PYRITE" MATERIAL WITH CHLORITE BLEBS. PURPLISH-GREY, FINE GRAINED H=6 AND IN CHLORITE, SERICITE ALTERED UM FLOWS + SCHIST	658-660 84650	.015 ✓
		660-663 84651	.065/.055 ✓
		663-665 84652	.002 ✓
	658-677 - PURPLISH GREY FINE GRAINED CHLORITE BLEB DYKE? AS ABOVE + 5% FINE DISSEM. PYRITE ± CPY ASSOCIATED WITH QUARTZ VEINS.	666-670 84653	.025 ✓
	677-680 - CHLORITE ± TALL SCHIST H=4-4.5	670-673 84654	.002 ✓
		673-677 84655	.01 ✓
		677-680 84656	.005 ✓
	680-685 - PURPLISH GREY - BUFF CHLORITE BLEB ROCK AS FROM 658-677	680-683 84657	.075 ✓
		683-685 84658	.165/.116 ✓
	685-704.5 LIGHT GREEN (YELLOWISH) FINELY LAMINATED (BEDDED) TO COMBATED AND BRECCIATED. H=5.5 UM FLOWS CHLORITE SERICITE QUARTZ SCHIST. BOUDINS OF QUARTZ AND "BUFF DYKE" MATERIAL SOME CONTAINING GREY FELTED SERICITE STRINGERS AND UP TO 1% VERY FINE DISSEMINATED PYRITE OVERALL. 1-2% PYRITE.	685-690 84659	.10 ✓
		695-700 84661	.045 ✓
		700-704.5 84662	.040 ✓
		704.5-708 84663	.002 ✓
		708-711 84664	.02 ✓
		711-714 84665	.05 ✓
		714-718 84666	.04 ✓
		718-722.5 84667	.20/.195 ✓
	704.5-722.5 - PALE GREEN GREY (BUFF) GRADING TO DARK GREEN-GREY FINE GRAINED THOLEITIC METAVOLCS (DYKE?) SHATTERED AND BRECCIATED BUT ANNEALED TO GOOD COMPETENCE AND H=6. CARBONATE AND SERICITE ALTERATION AND UP TO 3% FINE PYRITE.		.15/.16 ✓
	45°		
722.5-736	LIGHT GREEN TALL (SERPENTINE) ALTERED UM FLOW BRECCIA. COMPOSED OF FRAGS OF SINITEX AND CUMULATE TEXTURED UM FLOW	722.5-725 84668	.002
		725-730 84669	.002
		730-736 84670	.002
	40°	736-741 84671	NIL
736-	DARK GREEN TO BLACK TALL ALTERED UM FLOW BRECCIA AS ABOVE. WITH MULTIPLE DEEP PURPLISH GREY, BIOTITE RICH DYKES:	741-742 84672	NIL
		742-745 84673	NIL
		745-750 84674	NIL
	737.5-739 } FOLIATED, WEAKLY MAGNETIC	750-754 84675	NIL
	741-742 }	754-757 84676	NIL
	754-757 }	757-760 84677	.002/.002
	760-761 }	760-765 84678	NIL
	763-772.5 } MASSIVE TO PORPHYRITIC MODERATELY MAGNETIC BIOTITIC DYKE ROCK WITH LOCAL UP TO 5% FINE PYRITE	765-770 84679	NIL
		770-775 84680	NIL
		775-780 84681	NIL
		780-783 84682	NIL



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	802-803 - BIOTITE SYENITE DYKE @ 40°	783-787 84683	NIL
	807-808 - FAULT GOUGE @ 40°	787-790 84684	NIL
	810-813 - FOLIATED HEMATITE BIOTITE SYENITE DYKE FOL @ 0-5° TO C.A.	790-792.5 84685	NIL
	813-816 - FAULT ZONE	792.5-795 84686	NIL
816-888	MEDIUM GREEN CHLORITE SERICITE FAULT GOUGE TALL ALTERED UM FLOWS, H=4-5. 5% QUARTZ CARB. VEINLETS. 5% BOUDINS AND BANDS (UP TO 3" WIDE) OF "BUFF-DYKE" MATERIAL. W UP TO 3% FINE PYRITE.	795-800... 84687 800-805 84688 805-810 84689 810-815 84690 816-820 84691 820-825 84692 825-830 84693	NIL NIL NIL NIL NIL NIL NIL
	881-888 - FAULT ZONE, FAULT GOUGE, GRAPHITE, CHLORITE QUARTZ (CHERT?)	830-835... 84694 835-840 84695 840-845 84696 845-850 84697 850-855 84698 855-860 84699 860-865... 84700 865-870 84701 870-875 84702	NIL NIL NIL 0.002/.002 NIL NIL NIL NIL NIL
888-1011	SERICITE ALTERED FINE GRAINED THOLEITIC META VOLCS 903' QUARTZ SERICITE VEIN @ 40° 3" W 15% FINE PYRITE	875-880 84703 880-885... 84704 885-890 84705 890-895... 84706 895-900... 84707 900-905... 84708 905-910 84709 910-915 84710	NIL NIL NIL NIL NIL 0.002/.002 NIL NIL
1011-1076	PARK GREEN THOLEITIC META VOLCANICS, H=5. FINE GRAINED W UP TO 15% CARBONATE "HOOKS" UP TO 1MM. NON-MAGNETIC TR-FINE PYRITE, ESPECIALLY ASSOC. IATED W PINKISH QUARTZ CALCITE VEINLETS WHICH MAKE UP 1% OF ROCK. FOL @ 45° TO C.A.		
1076	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD

TOWNSHIP GARRISON

DATE May 2nd, 1988

PAGE: 1 OF 6

HOLE NO. N88-60 DIP -60° AZMIUTH 340 LOGGED BY M.H. SANGUINETTI

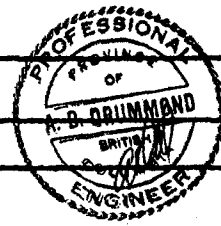
CORE SIZE BQ TOTAL FOOTAGE 946' ✓ DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 946' -58° LOCATION: 18+30N 29+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 7

DRILL TIME: START April 26th FINISH April 28th MECHANICAL TIME

MISCELLANEOUS PROBLEMS <NOEX> 50 boxes



FOOTAGE	DESCRIPTION
0-5	Overburden.
5-52	Metasediments, mixed tan ^{green} and red and brown arkose and dark grey greywacke. Arkose has ~1/2-1% fine clean py, is bedded at 50° at 30' alternating greenish tan + red, freq limonite on fract. occasional 4"-12" dykes? or frags of purple or green fol'dool or sy dyk. gen more pyrite but <1% py.
52-III	From 52 - gradual change to greywacke, dark grey, mag. hard ~5 1/2-6, pyrite on fract to 1" on sides. - contains occ purple hematite stained sects & occ spec. hem. also occ frags of alt'd dyke? fol'd 12". 73-80 - H=5, dark gran spotted sect appears like alt'd tholeiite, fol'd 45° @ 74', py ~1%, occ gtz-mag veins.
METASEDS	
III-218	Metasediments, red sil'd arkose and ^{green} chlorite (sericite, mairiposite) schist, alternating bands some pink vary to tan or to purple, H=7, gen flecked with sericite some gtz veining & stockwork, local breccia with syenitic frags, up to 2" of med gr. Purple grey segs have tan alt'magins, loc mag. br'd irreg contents. Green sects here <1% of clean py, mairiposite starts about about 167', gen well fol'd. fol'd 131 @ 35°. 146 @ 45°. 166 @ 60°.
TRANSITION ZONE (M.F.Z.)	
	from 146-218 arkose or felsitized silt are tan to brown and intensely fractured, hematized, loc limonitic. 2' Core ground at 218'.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
218-491	from 196 on the fol'd metased on brkd. foliated and from part of a Quartz Chlorite schist, fol'n 201 260	196-201	82639 .002
		201-206	82640 .005
	Brecciated Quartz Chlorite Schist / Ultramafic & Syenite	206-211	82641 .002
	Fault Zone 216-230 ² fol'n 224 250 ²	211-218	82642 NIL
	218-222 - 2' group - g/c / clay gouge @ 60° and continues thru to 230, with segments of QC Sch & Syenite	218-221	82643 .002
	from 227-230 - pyrite v/3 - considerable gouge.	221-227	82644 NIL
	230-233 ² - Pyroxenite fragment, sheared & alt'd. black, mag. imp. sect.	227-230	82645 .002
	From 233 is a significant increase in UM green fragments as at 236-237, 241-244	230-236	82646 NIL
	248. 275-272 with prominent spinifer at these pt	236-241	82647 NIL
	248-251.5 - dark maroon Syenite or feld's material. H ~ 6", non-mag, vfg, 1 part metased, Py < 1% conc in lower sect. lower contact bleached, brkd.	241-248	82648 NIL
		248-251.5	82649 .002/.002
		251.5-254.5	82650 .002
		254.5-257	82651 .005
		257-261	82652 NIL
		261-266	82653 NIL
		266-271	82654 .002
		271-276	82655 .002
		276-281	82656 .002
		281-286	82657 .002
		286-290	82658 .002
	257-271 - greenish UM, sheared, considerable spinifer sects. 263 shear @ 40° fol'd 45° with syenite sects caught up in them, locally chlorite		
	271-273 - Dark red Syenite dyke		
	273-274 - Green UM, dirt green.		
	274-277 - Dark red Syenite		
	277-278 - green UM		
	278-286 - Red Syenite, sl. porph, H ~ 6" non-mag, Py < 1%, fine dissem. minor of vein, fine stockwork, sparse; lower contact brkd & bleached.		
	286 - Brkd UM schist with chl, Mn-py & Sericite, fol'd 20°-60°, Py < 1%, minor spinifer text in app'd green frags, = Quartz Chlorite (Mn-pyrite - Sericite) Schist. freq. of vein segs, norm app'd green, occ tan segs, as at Tr. Py. non mag.		
	321-5 - 324 - Syenite dyke - light tan		
	Spinifer frags 328 - 329 - Syenite dyke - light tan		
	are common, Tr. Py. H ~ 6", sericite		
	fol'd 296 @ 30° 331 @ 25° 365 @ 40°		
	316 @ 35° 351 @ 30° 383 @ 30°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	fold 3870 50° 406 0 40° Tr py on foln bands to 1' at 411 in adj to UM pcs, E spinifer pcs.		
415-437	Buff dykes, volcanic, fold with flecks muscovite & quartz fold 40° mil py, rosey colour to 420 then tan. contacts brx'd & conformable at 25-35°.	✓ 404-409 ✓ 409-415 ✓ 415-420 420-423	82659 .002 82660 .060/.050 82661 .002 82662 NIL
475-480	slight increase in py to <1%, & several small 1/4"-1" tan dykes, conformable, non-mineralized, slight inc in sil pct layers.	466-471 471-476 476-481 481-486 486-491	82663 NIL 82664 .002 82665 .002 82666 .002 82667 NIL
	foln, 440 0 50° 456 0 35° 471 0 30° 481 0 35° 490 0 25°		
491-580	Gradual contact over 10'. Becoming darker, chlorite Quartz-Chlorite-(Talc) Schist. foliated & brecciated with UM fragments, black & dark olive green, H=5, localized py to 1% over 1/2" & 3" in chlorite schist & UM.	25° 491-496 496-500 500-505 505-509 509-514 514-521	82668 .002 82669 NIL 82670 .002/.005 82671 NIL 82672 .005 82673 NIL
	494-495.5 light grey/tan fold sil, dyke?, like Sy, Tr. fold 30°, Py ~1 to 2%, sericite, titanite, sparse of stockwork. #98 fold p.c.a.	521-526 526-532 532-536 536-540	82674 NIL 82675 .002 82676 .002 82677 .002
	500-505 brx'd with elongated sections + pink tan "dyke" or altd basalt? Py <1%.		
	505-514 - black to dark grey green, H=5, Py <1% to 1% dissem, & local clots, brecciated, inc of stockwork, Tr calc. minor talc, weakly magnetic		
	514-532 - Qtz Chl Schist pyn 5-12, H5, brx'd, occ incls. mostly altd UM. minor sericite		
	532-534 Syenite Dyke, vfg, pinky dark grey, sil H=6 1/2, minor of stockwork, Py <1%, sericite, v. weak mag.		
	534-540 sheared at 50°, Q.Ch Sch., brx'd.		
	540-580 - Fault zone, sheared intensively major clay - of rubble gouge at 551-552.50 25°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>Gouges 557- 14" at 30° 559-561 - 2" x 4" x 4" seams. 562-566 broken & sheared at 25° showing 566-569 - at 30° 569-571.5 - gouge rubbly clay 0°-65°.</p>	540-545	82678 .005/.005
	540-551 Breccia zone, alt'd, chloritic sericite	545-550	82679 .002
	dark brown containing pyrite: clasts of alt'd tan	550-554	82680 NIL
	basalt? dyke. (textured, sericite). locally talcose.	554-557	82681 NIL
	H=5-5 1/2, non-mag. minor qtz stockwork of	559-562	82682 .002
	coarser (2-3mm) white qtz. non calc.	562-567	82683 .002
	554-557 - dark purple ss syenite (biotite) dyke.	567-572	82684 NIL
	H=6, mag, fine qtz stockwork, tr Py,	572-576	82685 NIL
	from 557 to 580 are pieces of purple bi-sy	576-580	82686 NIL
	dyke?, fragments within chlorite schist, dark		
	sheared & altered locally to talc.	580-585	1225 NIL
		585-590	1226 NIL
		590-595	1227 NIL
580-607	<p>Biotite Syenite dyke. med gr - purplish, H=6.</p> <p>calc. mag, tr vf. py. sections vfg & darker over</p> <p>2"-6". also biotid and containing talc sects,</p> <p>locally porphyritic (felds pop, pink to purple).</p> <p>foliated 20°-40°.</p> <p>601-607 containing 2"-12" black sheared talc</p> <p>sheared/gouge at 35°.</p>	595-600	1228 NIL
		600-606	1229 NIL
		606-611	82687 NIL
607-658	<p>Talc Schist - sheared, black to dark green</p> <p>alt'd UH fragments alt'd to soapstone</p> <p>H=4-6, containing elongated wisps and</p> <p>fragments of biotid syenite dyke, see porphyritic.</p> <p>may be pyritic; mag. tr Py, calc.</p> <p>626 - 2' ground -</p> <p>626-628 Dark grey porphyritic syenite dyke, qtz</p> <p>stockwork, mag. < 1% Py.</p> <p>Sheared throughout 628-650, generally // ca. ✓</p> <p>considerable clay & sandy gouge. minor qtz &</p> <p>qtz carb layers, freq. pyrite.</p> <p>Dyke silicified, Brecciated, dark grey/black</p> <p>massive pyrite, appears as massive dyke.</p> <p>of diabase? foliated then brecciated. calc.</p> <p>(644 - wisps of pyritic Sy as if sy tr. type, tan)</p> <p>Py 1% H=6 - 1/4" thick.</p>	611-616	82688 NIL
		616-621	82689 NIL
		621-626	82690 NIL
		626-631	82691 NIL
		631-636	82692 NIL
		636-641	82693 .002
		641-646	82694 .002
		646-651	82695 .010
		651-656	82696 NIL
		656-661	82697 .005
658-697			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>non-mag., fold 40° D 663 med to f.g. 35° D 688</p> <p>bird with dk green on frags - frag lt blue wings of serpentine. Py occurs as thin layers/fol and minor dissem clots & 1 cm., sericitic, brown & yellow in bird ss, - frag py + qtz chlorite veils & masses (white & pink) & and layers of - turb. on flow tops or margins 679-680 - thin py to 2% as aggregates - occ fragments appear as gabbro, other are bird keratitic, and with spinifer text.</p>	<p>✓ 661-666 ✓ 666-671 ✓ 671-676 ✓ 676-681 ✓ 681-686 ✓ 686-691 ✓ 691-697</p>	<p>82698.040/.050 82699 .030 82700 .005 82701 .010 82702 .005 82703 .002 82704 .010</p>
697-744	<p>Ultra Mafic breccia, dark dk green, dull, 50° black, as a quartz chlorite schist/soapstone. weakly calc. locally mag. Py tr. with occasional "pockets" of 1%. frag spinifer text'd frags, + med of f.g. "Syenite". Hw.5: sericitic, yellow & brn. fold 701 D 35° "soapstone" 716 D 30° 721 D 30° 731 D 35° 741 D 45°</p> <p>at 723' 7" qtz on D 40°, white with sheared contacts 724.5, shear, zone D 60° gradational contact over 5' silicified, foliated schist.</p>	<p>697-700 1230 700-705 1231 705-710 1232 710-715 1233 715-720 1234 720-725 1235 725-730 1236 730-735 1237 735-740 1238 740-745 1239 745-750 1240 750-755 1241</p>	<p>.005/.005 .025/.030 .002 NIL NIL NIL NIL NIL NIL NIL NIL NIL</p>
744-897	<p>light dull 55° green tholeiite, Hw.5, soft, non-mag, V calc. sericitic, weakly bird, fold 60° D 747 tr Py.</p> <p>761-762 - fault - minor quartz, heavy graphite at 40°, pyritic nodules to 1/2" x 1/4" 762-781 - massive lt green weakly fold tholeiite, fine grained - tr. Py. 781-783. coarse grained tholeiite "dyke" fold D 60°, tr Py, non-mag, calc. 783-795 - V. lite green tholeiite, fold 45° sericitic increasing sericitic to 795 Py < 1% along qtz rich lamina incr. f.g. sericitic to fault 795 - 4" qtz - carb - graphite fault D 60° 795-821 - slightly darker grey, more siliceous foliated, Hw.5 1/2-6, loc py. lt yellow sericite, fold 45° D 802</p>	<p>755-760 760-765 786-791 791-795 795-800 800-805 805-810 810-815 815-820 820-825</p>	<p>82705 .015 82706 .015/.010 82707 NIL 82708 NIL 82709 .002 82710 NIL 82711 .005 82712 NIL 82713 NIL 82714 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
897-946	<i>foln 816 @ 50°; loc. med gr. to py.</i>	825-830	82715 .002
	<i>821 gradual change to lighter colour, sericite</i>	830-835	82716 NIL
	<i>foliated tholeiite, locally siliceous</i>	835-840	82717 NIL
	<i>trace py, siliceous grey (med gr vol) to 1/2", conform</i>	840-845	82718 NIL
	<i>contains through to 886 gradually decreasing in frequency. - transitional contact - gradual over 10' by 897 change to dark green (greyish) tholeiite - only trace py, tr. sericite, foliation indistinct but present in brx. - Brecciated throughout - weakly siliceous, H_v 5 1/2, weakly calc. dark chlorite in breccia.</i>	845-850	82719 NIL
946	End of hole.		

DIAMOND DRILL LOGCOASTORO RESOURCES LTD.PROPERTY NEWFIELD TOWNSHIP GARRISONDATE JUNE 27/88 PAGE: 1 OF 5HOLE NO. N-88-88 DIP -60° AZMIUTH 340° LOGGED BY P. MEYER / MHSCORE SIZE BQ TOTAL FOOTAGE 918' DIP TEST: YES/NODIP FOOTAGE AND DEGREE -46° @ 918' LOCATION: 16+00N : 35+00WCASING LEFT IN HOLE: YES/NO CASING FOOTAGE 11'DRILL TIME: START JUNE 28^(N) FINISH JUNE 29/88 MECHANICAL TIMEMISCELLANEOUS PROBLEMS NOREX

FOOTAGE	DESCRIPTION			
0-11'	OVERBURDEN CASING			
11-90'	PURPLISH AND REDDISH GREEN FINE GRAINED METASEDS MOTTLED APPEARANCE. GREENISH FINE GRAINED BANDS UP TO 5" HAVE H= 4.5-5. REDDISH METASS IS H= 6. FOLDS=30° LOCALLY UP TO 1% FINE DISSEM. PYRITE. ROCK IS VUGGY TO 1% LIMONITE STAINED FRACTURES @ 40-50°			
90'-209'	REDDISH PURPLE FINE GRAINED H=6 SPECULARITE BEARING META SED 1% ANHEDRAL PYRITE "BLOODS" LOCALLY MODERATELY TO STRONGLY MAGNETIC, MINOR WHITE QZ VEINLETS, Locally chloritic.			
209-340	Quartz-Chlorite-Talc schist, grey to black, green deformed, ptygmatic folding, H=5 contains layers of dark green talcose ultramafic. Frequent layers 4" to 3' of purple, siliceous H=6, biotite rich, magnetic foliated rock - probably altd sediment, ("biotite syenite") Pyrite < 5%. - local spinifex (fine) in dark green um. 211-213 - Breccia and sandy fault gouge. Schist is locally magnetic, pyrite 1/2 - 2% loc @ 255- 260. 266-273 - Purple "biotite syenite" - locally cut by 9% stockwork, py < 1%, mag, folds 50°.	209-215	84712	NIL
		215-220	84713	.002
		220-225	84714	.002
		225-230	84715	.01
		230-235	84716	NIL
		235-240	84717	NIL
		240-245	84718	NIL
		245-250	84719	.002
		250-255	84720	.035 .115
		255-260	84721	.28/.26 av. .75 .335/.31 .296
		260-265	84722	.015
		265-270	84723	.002
		270-273	84724	NIL
		273-280	84725	.002
		280-285	84726	NIL
		285-292	84727	NIL
		292-294	84728	NIL
		294-300	84729	NIL
	MAJOR FAULT 273-305 - Rubbly gouge, minor clay, loc chloritic frags, & large pieces qtz up to 2" av ~ 65° 292-294 - olive brn-red syenite, 1% py, up to 50% qtz stockwork. - FAULT becomes talcose at bottom interval.			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	FROM 305 TO 340 - INCREASE IN ultramafic intervals of 2'-2', Frequently flow brecciated (textured box) foliated 40° @ 318, 35° @ 324, 45° @ 341, 40° @ 351. Spinifer texture in frequent small frags and in large intervals 325-328, 337-350. 323-330 and 350 - local qtz veining and frags and red "jasperish" quartz, From 340 becomes lighter green.	300-305 305-310 310-315 315-320 320-325 325-330 330-335 335-340 340-345 345-350	84730 NIL 84731 NIL 84732 NIL 84733 NIL 84734 NIL 84735 NIL 84736 NIL 84737 NIL 84738 .002/.012 84739 NIL
340-497	Gradational contact Quartz Chlorite Schist, light green, large percent of altered, foliated UM fragments, generally spinifer textured; Pyrite < 5 to 1%; H=5; many qtz + qtz-magnetite veinlets. 359-363; 364-369 red, foliated SST metased, fol' 40° conformable, non-mag, H=6. minor amounts man. posite + sericite in qtz-chl sch in frags of altd UM. - some apple green. fold 392-399 Pinky red SST metased, foliated with dark + light green chlorite + biotites, fold 40°, pytr. + muscovite. 399-410 - light green chl. UM + qtz-chl sch, py < 1%, fold @ 35°. 410-412 - Fault, 5' subbly gouge @ 40°, slickensides purple. 410-425 - dark green quartz-chlorite (talc) schist, numerous hematitic stained SST frags, some tan, some bio-syen, fine dissem py to 2% over short 1"-2" intervals. 425-469 Red SST metasediment, chloritic, py ~ 1% or less, H=5 1/2-6, foliated 50° @ 443', locally sericitic. minor qtz-mag. veinlets, Py is finely dissem, euhedral. 469-497 - Qtz-Chl-Sch with incr. amts of light tan and apple green intervals of altd UM; occ. spinifer. Incr. amts of sericite and man. posite. Py to 5%, loc qtz vns. to 1". 497 - 1" minor fault @ 20°. folins 471 @ 50° 482 40°	465-470 470-475 475-480 480-485 485-490 490-495 495-500	84740 NIL 84741 NIL 84742 NIL 84743 NIL 84744 NIL 84745 NIL 84746 .002/NIL
	Gradational contact w 45°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
497-557	Quartz-Chlorite-Mariposite Schist, locally sericitic; light green and apple green; local tan inclusions, well foliated at 505' @ 50° 525' @ 40° 547' @ 40° occ. qtz + qtz + magnesite veinlets. Pyrite < 1%, locally 1-2% in tan incls (sections) - these are conformable, locally kinked and brecciated. non-mag; H ^(S) 5 1/2 - 6, non-calc. Frequent spinifex in green sects, GRADATIONAL CONTACT.	500-505 505-510 510-515 515-520 520-525 525-530 530-535 535-540 540-545 545-550 550-555	84747 NIL 84748 NIL 84749 NIL 84750 NIL 84751 NIL 84752 NIL 84753 .005 84754 NIL 84755 NIL 84756 NIL 84757 NIL
557-649	QUARTZ-CHLORITE-TALC SCHIST, DARK ^{dull} GREEN TO BLACK - talcose segments are generally black, as crackle breccia, and magnetic (H=4), Tr Py. Green sects may be talcose to soapstone, often brxd, may show fine spinifex. py < 1%. Textured brx Purplish black, biotite rich intervals are siliceous, H=6 non-calc, py < 1% Local tan, red-brown and gray inclusions or alt'n's. may contain layered biotite, maybe hematite stained, Py, Tr. 573- 3" fault gouge @ 60° 588-590 - fault, rubbly gouge 8", + shearing @ 50° foliated 50° @ 578' 50° @ 597' 50° @ 617' 60° @ 630° 636-649. Segments of purplish grey and dark tan, within Q-C-Schist, local incls py to 1% in Schist. Inclusions or segments are harder H=6 1/2 with ~ 5% 1% py + minor fine qtz stockwork. locally distorted (hooks, drags) and brxd - Tr MoS ₂ at 647 on grad, weakly calc, non-mag., sparse qtz stockwork, locally sericitic + muscovite, shows weak foln @ 50°. Py generally euhedral. This section roughly equivalent to "S4 Tr.", folded text. but no stockworks. Gradational Contact.	560-565 565-570 570-575 575-580 580-585 585-590 590-595 595-600 600-605 605-610 610-615 615-620 620-625 625-630 630-635 635-640 640-643 643-646 646-649 649-655	84758 NIL 84759 NIL 84760 .002/NIL 84761 NIL 84762 NIL 84763 NIL 84764 NIL 84765 NIL 84766 NIL 84767 NIL 84768 NIL 84769 .035/.025 84770 NIL 84771 .002 84772 .01 84773 .01 84774 .045 84775 .01 84776 .005 84777 .045 84778 .005 84779 .002 84780 NIL 84781 NIL 84782 .025/.024 84783 .025
649-702	Quartz-Chlorite Schist; light olive green grading to dark green, mixture of Q-C schist, tan and lt green frags as above (pyrite to 1%) purplish pos. and spinifex text fragments, py < 1%, brxd + well fold'd @ 70° locally sericitic.	665-670 670-675 675-680	84781 NIL 84782 .025/.024 84783 .025

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
702-866	Small 1/4" qtz frags are rounded, section appears locally well brecciated. Becomes slightly darker and weakly talcose from 675 to 702. Gradational Contact.	680-685 685-690 690-695 695-700 700-705	84784 .005 84786 .002 84787 .002 84788 .002 84789 NIL
	Chlorite-Talc-Quartz Schist, dark dull green to black or grey, H=4-4 1/2, locally soapstone; weakly calcareous. brecciated clasts of UM - loc spinifer. some weakly magnetic intervals; strongly foliated at 60° @ 707' 40° @ 722' Py < 1% but in clusters to 1cm with calc. intervals of textured UM. Purple SST altd type inclusions, mag, < 1% pyas euhed xalst also hem. stained calc veinlets. at 792, 777-780, 792-793, 796. Fault/shear 705' @ 50° 710-717 @ 35° zone with 1" shears. foliated 756 @ 55° clay filled shears 754 @ 50° (1/2"-1") 762 @ 50°	705-710 710-715 715-720 720-725 725-730 730-735 735-740 740-745 745-750 750-755 755-760 760-765 765-770 770-775	84790 NIL 84791 NIL 84792 NIL 84793 NIL 84794 NIL 84795 NIL 84796 NIL 84797 NIL 84798 NIL 84799 NIL 84800 NIL 84801 NIL 84802 .002 84803 NIL
	783-795 - FAULT ZONE, rubblely clay, qtz pebbles, slickensides, 784-785 - 12" gouge, 786-3", 788-6", 793-795-2'. locally pyritic.	775-780 780-785 785-790	84804 NIL 84805 NIL 84806 NIL
	801 - 1" vuggy qtz-carb vnat 60°	790-795	84807 NIL
	796-815 - black textured soapstone breccia, foliated, H=4, loc weak mag, py < 1%, fol'd 40°, weakly calc. some vidant green frags.	795-800 800-805 805-810	84808 NIL 84809 NIL 84810 NIL
	815-830 Dark green + black textured breccia, talc/soapstone, containing up to 50% lighter grey tan pyritic fragments, aligned // fol'n, @ 40° with up to 1% pyrite, increases in amt of UM spinifer text'd, quen + olive fragments from 825 on. Gradual change over 5' to light olive green	810-815 815-820 820-825 825-830	84811 NIL 84812 NIL 84813 NIL 84814 NIL
	830-866 - change to Chlorite-Quartz (Talc) schist, brecc. with large proportion of foliated UM (spinifer text'd). - increase in quartz + qtz - mag uns to 15%, locally calc non-mag. sericitic intervals; light olive green to tan.	830-835 835-840 840-845 845-850 850-855	84815 NIL 84816 NIL 84817 .002 84818 NIL 84819 .002
	836 - shear @ 20° fold 60° @ 860 845 - shear @ 20° H=5	855-860 860-866	84820 NIL 84821 NIL
	Py to % < 1% lower 3' harder 5 1/2-6, fol'd 45° @ 866' 45°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
866-918	<p><i>Tholeiitic metavolcanics, light grey and green H₂S^{1/2}; foliated from contact sub// to 45° & 60°. locally pyritic with coarse brecciated clusters of anhedral xals. These also occur on edges of breccia clasts (most between 876 and 886).</i></p> <p><i>Brecciated throughout, frequent crackle breccia cemented by black siliceous? (H₂~6^{1/2}) argillite? often pyritic, between 874 and 895, - may have minor graphite.</i></p> <p><i>Fault zone 866.5 - 873.5 - layered quartz veins and minor graphite and pyrite except 872-873 is heavily graphitic with polished slickensides.</i></p>	<p>866- 871 871 - 876 876 - 881 881 - 886 886 - 891</p>	<p>84822 .005/.004 84823 NIL 84824 NIL 84825 .002 84826 .002</p>
918	<p><i>End of Hole. (hole squeezing at fault at 783).</i></p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE July 2, 1988 PAGE: 1 OF 3

HOLE NO. N88-89 DIP -60° AZMIUTH 340° LOGGED BY M.H. SANGUINETTI

CORE SIZE 3Q TOTAL FOOTAGE 416 DIP TEST: YES/NO


DIP FOOTAGE AND DEGREE LOCATION: 16+00N; 36+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 16

DRILL TIME: START June 29/88 FINISH June 30/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS Cemented duct to fault at 176-204 - at 244; repeated section from 202
Hole lost at 416 after shutdown over July 1st 3 day weekend - due to save; tried reaming & tripping.

FOOTAGE	DESCRIPTION	
0 - 15	Overburden	
15 - 105	<p>Quartz-Chlorite-Mariposite (Sericite) Schist - light green and tan, locally apple or emerald green, limonitic on local fractures to 95' (Carb affn ²ankerite) Py < 1%, generally fine cuboidal disseminated xals.</p> <p>- contains 20 - 50% altd SST-type metaseds, tan to reddish, may be siliceous, generally 1% py, often cut by fine white quartz stockwork, flakes of mariposite common.</p> <p>- 25'-26' tan altd dyke (or frag.) feldspar, with micas altd to mariposite,</p> <p>- overall non-mag, non-calc, H=5, well fol'd, some brkd.</p> <p style="margin-left: 40px;">fol'd @ 32' @ 30° 85' @ 40° 51' @ 30° 99' @ 30° 61' @ 30° 110' @ 30°.</p>	<p>15-20 84827 .002. 20-25 84828 NIL 25-30 84829 NIL 30-35 84830 NIL 35-40 84831 .002 40-45 84832 .005/.005 45-50 84833 .002 50-55 84834 .002 55-60 84835 .005 60-65 84836 .005 65-70 84837 .005 70-75 84838 .005 75-80 84839 .002 80-85 84840 .002 85-90 84841 .002 90-95 84842 .002 95-100 84843 .002 100-105 84844 .005/.005 105-110 84845 .002</p>
———— GRADATIONAL CONTACT ———— 30°		
105-204	<p>Chlorite-Quartz-(Talc) schist, - dull dark green and white, foliated, mag. where talcose, py < 1%, H=5/6 contains frequent red + red brown SST type metasediments. These are harder (5 1/2 - 6) locally pyritic (~1%) sometimes hematitic; tan incls contain sericite + mariposite/muscovite.</p> <p style="margin-left: 40px;">fol'd 40° @ 120° 30° @ 129°</p> <p>134-155 - Maroon Biotite "syenite" dyke and ^{dark} hematitic SST type metasediment, coarsely brecciated, Py < 1%, mag., H=6, non-calc. except for hairline seams, minor vuggy qtz veins.</p>	<p>110-115 84846 .002. 115-120 84847 .002. 120-125 84848 .002. 125-130 84849 .002. 130-134 84850 .002.</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>155-163 - Sheared & fold talc chlorite schist, - bix'd, fold @ 40°, contains purp.-bi-mich "dyke layers" 70</p> <p>163-166 - Dark purple "biotite syenite dyke" foliated at 50°, mag. possibly 5st. metased. py < 1%. contacts bleached, f.g. 50</p> <p>166-200 Dark green → black talc-chlorite schist with local inclusions of purple, sil. metasst. / biotite schist. py < 1%, magnetic, generally sheared, bix'd @ 60°</p> <p>1765-207 Major fault zone, gouge = clay + rubble + chlorite @ 182-183 @ 40° shearing 186 @ 45° gouge 195-199 @ 30°-45° 200 - 6" of mag veinlet + hem stained chlorite. at 60° 200-202 - gouge with 1/3 pebbles, Tr py. + chlorite + clay. 202-203 - purp-grey syenite bix?, mag.</p> <p>FAULT CEMENTED + when redrilled the bit went off the old hole at 199-202 - at approx 04°. CORE (Hole redrilled 202-244). Logging is of deviated (new) CORE. 25°-45°</p>		
<p>204-246</p>	<p>PERIDOTITE; Black to purple, locally soapstone, H_v 4-5 1/2. mag., minor calc. Tr, py. Sheared @ 215. with gouge 214-215. Fault.</p> <p>205-208 appears as purp syenite, - alld. prob. bix'd. Segs. separated by black talc.</p> <p>287 - Bix'd as if flow margin., light xals bleached. Shearing approx. // @ 20°-35°.</p> <p style="text-align:right">fault contact 50°</p>		
<p>246-</p>	<p>Talc-Chlorite (Quartz-Sericite) Schist, sheared. Black to dark green, intensely folded  as chevrons, recumbent, hooks etc., local bix'd. H_v 6, non calc. locally weakly magnetic, some ptyg fldg. Contains segments of interbedded? or infolded</p>	<p>246-250 84 851 .002 250-254 84 852 NIL</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	Sandstone / Quartzite - Metasediment - Dark grey, tan and ^{dark} reddish grey, H=6 1/2-7. <u>foliated texture, sericitic; Py < 1%</u>	254-260	84 853 NIL
	Hematitic, locally chloritic, generally <u>foliated at variable angles.</u>	260-265	84 854 .002
		265-270	84 855 NIL
		270-275	84 856 .002
	246-254 - SST/QTZITE. dark purp-grey, py < 1% sericitic. foln ~ 25°, H=6 1/2 mag. Hematitic. _____ 50°	275-280	84 857 .002
		280-285	84 858 NIL
		285-290	84 859 NIL
	254 - 270 - T-C (Q) schist, sheaved 10°-25° kinked minor gosse, sericitic, py < 1%, chevron folded, pinky. dull grey. - brid 268-270 - _____ 30°	290-295	84 860 .002/NIL
		295-300	84 861 .002
		300-305	84 862 .002
	270-275 - SST/QTZITE; sheaved 30°-0° dark red grey fol'd @ 20°, hematitic, to Py. <u>folded/bxid lower contact also sil + sericitic.</u> _____ 40°	305-310	84 863 NIL
		310-312	84 864 .002
		312-315	84 865 NIL
	275-390 - T-C (Q) schist - intensely folded + foliated, local kinks + chevron folding. Py < 1%, (as above), contains short 2' - 6" sects of sil'd metased @ 279' (4) and 310-312 - is lighter sil' metased, 2% py. foln's 278 @ 25° 296 @ 20° 286 @ 20° 312 @ 15°	315-319	84 866 .002
		319-322	84 867 .002
		322-326	84 868 NIL
		326-330	84 869 NIL
		330-335	84 870 NIL
		335-340	84 871 .002
		340-345	84 872 .002
		345-350	84 873 .005/.002
		350-355	84 874 .002
	Metaseds at 319'-320.5' - light purp grey, py 1-2%, loc hematitic. chloritic. 321-322 - faulted segments // fol'd @ 25° minor gosse, clay. 324-325.5 - light tan/grey, foliated with chl., hem. py < 1% fold // to contacts + schist @ 20-30°. schist fol'd 331' @ 20°		
	337-343 Fault zone - several 4" clay gosses at 35° minor metased caught up in fault. more "soapstone" schist, locally pale blue/green serpentine in thin seams, often with pyrite. brecciated. foln 356 - // ca. - becomes locally calc. from 350 on. 376 @ 35°. minor pinkish calc. veins.		
	389-396 - shear/fault @ 40° - then brid.		
	390-406, Sheaved, black, altd, appears more massive, non-mag. H=5 1/2, locally porphyritic with deformed 1-2 mm biotite (s) + sheaved 0°-45° in Py, strongly calc.		
	401-416 - Tale-Chl Selint calc, loc mag. fol'd @ 40° at 410'. locally compact massive sects.		
	416 - end of hole.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE MARCH 31/88 PAGE: 1 OF 6

HOLE NO. N-88-49 DIP -60° AZMIUTH 340° LOGGED BY D.M. + D.H. + MHS.

CORE SIZE BQ TOTAL FOOTAGE 1501 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 700'-56°; 1486'-49° LOCATION: 14N 33 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 152'

DRILL TIME: START MARCH 29/88 FINISH APRIL 11/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS <PHILIPPON> *casing making water.*



FOOTAGE	DESCRIPTION	
0-152'	CASING OVER BURDEN	
152-580	DEEP REDDISH BROWN AND PURPLISH GREEN (MINOR) "SHATTERED" H=6-6.5 HEMATIZED SS TYPE SEDIMENTS. VUGGY FRACTURES (RUSTY COLORED LIMONITE AND CALCITE FILLED) 1-2% FINE DISSEM. PYRITE; 1-2% diagenetic type speckle-like	172-174 4184 NIL 174-180' 4185' NIL
	174-180' DEEP GREY H=6 SEDIMENTS 3-4% PY VERY FINE DISSEMINATED.	
	247-268 Hematized gta filled shatter veins	247-252 4186 NIL 252-257 4187 NIL 257-262 4188 NIL 262-268 4189 NIL 268-274 4190 NIL 274-278 4191 NIL 278-283 4192 283-288 4193 288-292 4194 292-298 4195 298-303 4196 303-308 4197 308-313 4198 313-318 4199 0.002/N1
	Entire section has variable induration, colour and secondary fracturing. If any interval carries gold it should be checked for it specific variable.	↓
	495-504 Either ground or footage blocks mislabeled	352-369 4200 Nil 369-375 4201 375-380 4202 380-385 4203 385-396 4204 396-398 4205 398-400 4206 400-405 4207 0.002

Cont.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		430-435 4208	N.I
		435-440 4209	N.I
		440-445 4210	N.I
		445-450 4211	0.002/0.002
		450-455 4212	N.I
		455-460 4213	
		460-465 4214	
		465-470 4215	
		470-475 4216	0.002
		475-480 4217	N.I
		480-485 4218	N.I
		485-490 4219	N.I/0.002
		490-495 4220	N.I
		505-510 4221	
		510-515 4222	
		515-520 4223	0.002
		520-525 4224	0.002
		525-530 4225	N.I
		530-535 4226	
		535-540 4227	
		540-545 4228	
		545-550 4229	
		550-555 4230	
		555-560 4231	
		560-565 4232	
		565-570 4233	
		570-575 4234	
		575-580 4235	N.I/0.002
		580-585 4236	
		585-590 4237	
		590-595 4238	
		595-600 4239	0.002
		600-605 4240	N.I
		605-610 4241	0.002
		610-615 4242	0.002
		615-620 4243	N.I
		620-625 4244	0.002
		625-630 4245	0.002
		630-635 4246	N.I
		635-640 4247	
		640-645 4248	
		645-650 4249	
		650-656 4250	0.002
		656-661 4251	N.I
		661-666 4252	N.I
		666-671 4253	0.002
		671-676 4254	N.I
		676-681 4255	N.I
		681-683.5 4256	0.002
		683.5-689 4257	0.005
		689-694 4258	0.002
	Contact 90° slightly irregular		
580-691	Pale yellow green to dark green, very fine to fine grained, locally well foliated (40-45°), mod to intensely fractured, locally hematitized, minor shatter qtz veins, mod. siliceous (H= 5.5-6), no obvious carbonate, Qtz-chl ± sericite schist Parent prol sed. No U.M. textures. Dis py 1-2% No magnetite. Dis specularite Tr - 2-3%.		
	630-635 annealed breccia zone - qtz/chl cement (Fault) angular fragments		
	639-641.5 Pinkish grey, fine grained quartzite. Dis py 1% Foliation 40°		
	656-664 Purplish, f.g. biotite syenite dyke upper contact ground, lower contact 60°		

850 - 930

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		850-855 4291	N.I
		855-860 4292	N.I
		860-865 4293	N.I
		865-870 4294	N.I
		870-875 4295	N.I
		875-880 4296	0.062
		880-885 4297	0.062
		885-889.5 4298	N.I
		889.5-895 4299	0.062
		895-898 4300	0.062/0.065
		898-903 4301	N.I
		903-909 4302	0.062
	Dark green w/ olive green sections, mod. foliated (40) gtz-chl-schist w/ typical flow texture + spinifer U.M. sections. Mod brecciation, mod. siliceous H2S-S.S Tr dis py Local weakly magmatic, Mod gtz veins Local bleaching/silicification 884-886		
	889.5-898 - Dark purple red Syenite, mg. brxd, few sil Hw6-6.5, cut by white gtz most fine white stochwork; Hem. Py 1-2% dissem + in stringers; v. contact sl. altd, dark, chl. l. contact brxd, at 75° non-mag.		15°
	898-903; Sheared, chl, U.M. olive green, w/ spinifer non-mag, tr, sericite non-calc. foln @ 55° l. contact brxd, sheared.		75°
	903-909; Syenite. reddish as above, but sl. lighter red, more distorted. py 1-2%, lower contact bleached; UM side is darker, chlorite + brxd -		40°
	909-930 Green chlorite schist, distorted, UM sects + local brxd, some tan + reddish sects, locally 1% fine py. frag. gtz stringers, foln @ 40°, weakly calc. genl 1% py. Transitional section into increasing talc + darker colour.		40°
		909-915 4303	N.I
		915-920 4304	
		920-925 4305	
		925-930 4306	
930-956	Dark green-black talc chlorite schist - brxd + distorted; contains fragments of syenite (6%), quartz, tan sed? locally pyritic to ~5%, tr, sec sericite + talcose in fold sects. at 40° at 940' Hw4	930-935 4307	0.062
		935-940 4308	N.I
		940-945 4309	N.I
		945-950 4310	0.062
		950-953 4311	0.062
		953-956 4312	0.020
	935-936 fault zone. chl, brxd, angular sil clast - becomes incr. distorted, shows flow texture, foln @ 60° at 954'		60°
956-964	Transition zone, conformable contact @ 60°, incr py, loc 1-2% 6" seg of sil sytn. at 957 ± 5% py., brxd, Hw4-6 with tan sytnack, locally talcose/chloritic schist.	956-960 4313	0.030
		960-964 4314	0.035
		964-967 4315	0.065
		967-970 4316	0.035
		971-974 4317	0.025
		974-978 4318	0.050
		978-981 4319	0.250
		981-984 4320	0.493
		984-987 4321	0.53/0.54 (0.535)
		987-990 4322	0.120
		990-993 4323	0.750
		993-996 4324	0.490
964-996	"Syenite Trachyte", brecciated, tan, sil py 1% upper contact flow brxd, felsitic - Hw6-7 964-978 - Brxd - fragments of pure silin, sytn, white gtz, chl sch., loc tan + some purplish, Flowtext'd, minor arsenopyrite to 1%, py fine dissem + no 2-way. lower 18" brxd, coarse white quartz - Aspy noticeably 984-995 lower contact conformable at 35° with incr in py to 3-5%		

} 0.028/43

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
996-1098	<p>Altered ultramafic - all mag textured breccia - Py < 1%, H ~ 4-5, loc sil sects to 6' 996-1021 - light olive green, flow text'd brx fold @ 35°-50° at 1015, seg of veins (white) distorted, + dk q, calc. on parts. 1021-1023 $\frac{2}{3}$ carb veining + fault zone ~ 15°-50°. 1023 - dark green to black, locally talcose, H ~ 4, Py < 1%, sec incl of py, rounded, foln 0° at 1060, 15° at 1075, 20° at 1078. non-mag, weakly calcareous. - becomes darker and more talcose at bottom of section but still retains texture. - is new talc Schist - 60°</p>	996-1000 4325	0.010
		1000-1005 4326	0.005
		1005-1010 4327	0.010
		1010-1015 4328	0.002
		1015-1020 4329	0.002
		1020-1025 4330	0.002
		1025-1030 4331	N.I.
		1030-1035 4332	
		1035-1040 4333	
		1040-1045 4334	
		1045-1050 4335	
		1050-1055 4336	
		1055-1060 4337	
		1060-1065 4338	
		1065-1070 4339	
		1070-1075 4340	
		1075-1080 4341	0.002
		1080-1085 4342	N.I.
		1085-1090 4343	
		1098-1105.5	<p>Dark olive green - brn feldspar porphyry dyke, Perm. sil H ~ 6.5 + 7, upper part has red brown staining and fine gr. stockwork to 1101; Py, Tr, non-mag. v. contact dark + bl alt, + similar lower contact, amorphous, brnd.</p>
1095-1098 4345			
1098-1105.5 4346			
1105.5-1110 4347			
1110-1115 4348			
1115-1120 4349	0.002 / N.I.		
1120-1125 4350	N.I.		
1125-1130 4351			
1130-1135 4352			
1135-1140 4353			
1105.5-1210	<p>"Soapstone" Breccia 20' Brx talc schist from altered UM, black to dk. green - fault 1107 @ 65°, nubly chl + gr, bleached. 6" - H ~ 4-5, flow text'd + distorted at 40°, Tr Py. loc relict spinifex, loc sections of bleached green 1134-1145 - Fault zone, sheared, gouge 1134-1134.5 nubly clay, with rounded quartz, - sheared @ 45° - angular textured breccia, flow + stretch features, sheared 1163-4 @ 50° foln 1170 @ 40-45° generally weakly magnetic - non-calc 1177-1184 - Dark brown to bronzy black, f.g. dyke, appears as Biotite Syenite, bleached chill margins Tr. Py. faulted into blocks with intervening 6" logs of talc brx; mag. loc porph with felds? phenos near bottom. 70° 1184 / f. mag, Brx'd talc schist, fol'd @ 50° at 1190 to Qz talc schist fault 1200 @ 35°, 1" clay gouge, from 1200' is Qz talc sch. foln 1209 @ 50°, weakly calc.</p>	1140-1145 4354	
		1145-1150 4355	
		1150-1155 4356	
		1155-1160 4357	
		1160-1165 4358	
		1165-1170 4359	0.002
		1170-1177 4360	0.002
		1177-1184 4361	N.I.
		1184-1190 4362	N.I.
		1190-1195 4363	0.002
		1195-1200 4364	N.I.
		1200-1205 4365	
		1205-1210 4366	
		1210-1215 4367	
		1215-1219 4368	0.005
1210-1219	<p>Transition Zone, light olive green Quartz (Chl?) (Talc?) schist, large % of lt green text'd brx as fine UM. min 95% > 50%, non mag, Tr Py to non calc., specks of magnetite + yellow saucers appear ~ 1215. H ~ 5.5,</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1219-1267 <i>ALTD METAVOL</i>	Olive green to light grey, siliceous, "felsite" and "felsite breccia" with olive green quartz (sericite) (chlorite) schist, brecciated, significant white quartz veins to 1232. local black "arg" looking sects; <1% py, some olive green felsitic? Fg clasts, non mag, pervasively weakly calcareous. Tr. py, loc manipsite. from 1238-1267 - light greenish grey fg. felsite, with local 6"-12" bxd segs of sericite + manipsite, rock has a crude pln @ 60°, Py Tr., cut by numerous blackish grey hairline qtz veins, some sects show brittle fracturing + qtz impreg. increased manipsite 1249-1267 (+ sericite) bottom is transitional? - 1° qtz? bxd graphite with sheared at ~40°, increased pyrite.	1219-1225	4 369 N.I
		1225-1230	4 370 0.010/0.015
		1230-1235	4 371 0.002
		1235-1240	4 372 0.605
		1240-1245	4 373 0.005
		1245-1250	4 374 0.002
		1250-1255	4 375 N.I
		1255-1260	4 376 N.I
		1260-1267	4 377 0.605
		1267-1343 <i>ALTD METAVOL</i>	Felsitic Breccia, light grey + green felsitic metard. H+5, bxd and in black argillaceous, siliceous matrix, in turn cut by lt grey hairline qtz veins, weak pervasively calcareous, Tr py in scattered clusters in black matrix. 1272 - 2" fault, fine lnx.; loc graphite? at 1277.5 on fracture face? 1295-1303 bleached to pale Creamy grey, loc sericite 1310 - trace arseno? cut by 1 mm 1320-1324 grey, pervasively siliceous H+6. moderate to sparse sericite, weak perv. calcite. induced pln @ 50° at 1340' - py <1%, fine unknown sulphid grey + black, arseno? in with sil sects. transitional contact, bxd in steps, becomes massive
1270-1275	4 379 N.I		
1275-1280	4 380		
1280-1285	4 381		
1285-1290	4 382		
1290-1295	4 383		
1295-1300	4 384		
1300-1305	4 385		
1305-1310	4 386 0.010		
1310-1315	4 387 N.I		
1315-1320	4 388 N.I		
1320-1325	4 389 N.I		
1325-1330	4 390 0.002		
1343-1501 <i>50°</i>	Metavolcanics, Dark green; + Fg, "spotted" with fine narrow? local pervasively silicified sections + veins, pervasive over 6"-24". of the qtz-calcite. - local sericite - trace pyrite - rel massive 1451 - 12" calcite on at 40°; white, 1447-1448 - silicified, bxd. 1493 - 2" grey calcite on.	1330-1335	4 391 0.002
		1335-1340	4 392 N.I
		1340-1345	4 393 N.I
		1345-1350	4 394 N.I
1501	End of hole.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 13/88 PAGE: 1 OF 7

HOLE NO. N88-90 DIP -60 AZMIUTH 340 LOGGED BY M.H. SANGUINETTI

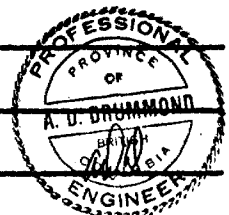
CORE SIZE BQ TOTAL FOOTAGE 1316 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 606', -58° ; 1306', -51° LOCATION: 14100N 34100W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 70

DRILL TIME: START APR 12 FINISH April 20/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS <PHILIPPON>



948-981 = .201/33'
including 961-978 = .347/17'

FOOTAGE	DESCRIPTION	CORRELATION
0-70	OVERBURDEN	
70-419	<p>METASEDIMENTS; Pink arkosic sil, H ~ 6 1/2', loc softer calcite intervals of 12", frequently vuggy where carbonate has weathered out; locally limonite; spec hem, discem, <1%; Py locally concentrated in bands, freq in oxid' seeds, up to 1% locally.</p> <p>93-101 grey, friagene interval, darker, less py + hem.</p> <p>164-183 - vuggy interval.</p> <p>188-219 - pink arkosic, sealed lvs, white of str. work Py up to 1%</p> <p>219 - submassive pink ark with green intervals, sst. type - local fol'd @ 60°.</p> <p>257-260 dark grey sandy porous</p> <p>270-290 pink arkosic with open porous vuggy seams local bleaching along fractures, limonite, hem, Py + B</p> <p>320-337 sandy interval fol'd 290 - @ 60°</p> <p>340 - 2' fol'd chlorite - qtz - carb + hematite; fol'd @ 60° vuggy, tr. Py.</p> <p>340 - 364 v fine grained grey sil. greywacke, py <1% grades into sandy arkose. loc limonite on fracture to 353</p> <p>364-419 - red arkose, sst type, hematite above, 392-400, short intervals of minor qtz vng with yellow/green sericite and spec hem, local jasper, at 30°, py <1%</p>	<p>115-120 4001 NIL</p> <p>120-125 4002 .002</p> <p>125-130 4003 .002</p> <p>130-135 4004 NIL</p> <p>188-193 4005 NIL</p> <p>193-198 4006 .002</p> <p>198-203 4007 .002</p> <p>203-208 4008 .005/.005</p> <p>208-213 4009 .002</p> <p>213-218 4010 NIL</p> <p>385-390 4011 NIL</p> <p>390-395 4012 NIL</p> <p>395-400 4013 NIL</p> <p>400-405 4014 NIL</p> <p>405-410 4015 NIL</p> <p>410-415 4016 NIL</p> <p>415-419 4017 NIL</p> <p>419-425 4018 NIL</p> <p>425-430 4019 NIL</p> <p>430-435 4020 NIL</p> <p>435-440 4021 .005</p>
419-452	<p>Quartz-Chlorite Schist, (appears from old dyke or vol), dark green, H ~ 6, non-mag, tr. py, in oxid' contact with pink ark; contact shows flows and distortions, local qtz + epidote + jasper + py in fol'd contact areas, py to 5% in fol'd @ 35° with hem @ 435</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	- foln varies to 5° by 438, green is chl + sericite, locally apple green over short sects.	440-445 4022	NIL
	442 - 448 is pinkish f.g. foln as fold s.d. dyke, bc porph. fold @ 40°. py < 1%, v. fine.	445-452 4023	NIL
	448 - 452 fold gtz ser horn schist, pink green grey, H 6 1/2', fold @ 35°. non mag. pink locally sandy, fine bands to 1/2" 30°		
452-598	Archeic metasediment: - top to 456' is reddish orange, v.f.g. appears distorted flow text of folds, + brown, H ~ 5 1/2-6, non calc, tr py, non mag. cut by occ fine white veinlets, as tension gashes.	452-455 4024	NIL
	456-466 - is sandy above then grades into finer below -	455-460 4025	NIL
	466-470 dark finer metased, minor siltite and flow layerings. fine black lenticular gtz, in the 2'.	460-465 4026	NIL
	much like a siltstone interval +	465-470 4027	NIL
	470-520 - interbedded cherty red iron fm (japanish) and green siltstone, H ~ 6, weakly mag. gen hematitic, flow banded and banded intervals, py locally to 1% occ 12" ±, fold 35° at 486, 15° @ 500'	470-475 4028	NIL
	520-537 - dark grey gke unit, flow text'd,	475-480 4029	.002/.002
	528-530 is green sil gtz schist, flow text'd, banded py to 1%, non calc, non mag. (15°)	480-485 4030	NIL
	537-567 siliceous dark brown, grey, reddish brown and greenish grey reds, H varies from ~ 5 to 7.	485-490 4031	NIL
	567-595 soft rock in green gtz chl sch (f talc) from 567 which contains rounded frags (clasts) of red sil'dark which foln 552 @ 60° is locally pyritized to 1% up to 24" occ.	490-495 4032	NIL
	560 @ 45° folding + styg flds in talc schist of sil red pieces; esp	495-500 4033	NIL
	567 @ 60°	500-505 4034	NIL
	570-583.	505-510 4035	.002
	584-586 red and purple, br gtz, in injected sylvite or archeic intervals?, mag, py < 1%.	510-515 4036	NIL
	586 - 2" fault gouge + shear, at 25° & sheared at 10° & 35° in g unit	515-520 4037	NIL
	586-598 sheet & foliated talc-chloite-quartz schist, Fault 596 is 6" gouge, purple, rubble @ 45°.	520-525 4038	NIL
	Fault 598. 6' gouge @ 50°	525-530 4039	.002
	Fault zone 586-603. Fault contact.	530-535 4040	NIL
		535-540 4041	.002
		540-545 4042	.002
		545-550 4043	NIL
		550-555 4044	NIL
		555-560 4045	.002
		560-565 4046	.002
		565-570 4047	.002/.002
		570-575 4048	.002
		575-580 4049	NIL
		580-585 4050	.002
		585-590 4051	NIL
		590-595 4052	NIL
		595-598 4053	NIL/NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
598-660	<p>Pyroxenite ; Black, med to fine grained phases, magnetic, pervasively calcareous, nil to Tr. Py. H ~ 5.</p> <p>602-603, Fault - 2-3" gouge seams @ 40°</p> <p>613.5-617, lighter coloured fine gr cumulate phase</p> <p>620-640; foliated with white quartz / carb. sub//ca with thin gouge slips</p> <p>624-640 Fault zone - gouge at 630, 631, 640 at 0 to 40°, core badly broken.</p> <p>648-680 shearing and foliation sub//ca with qtz and carb, thin gouge seams.</p>		
660-783	<p>Soapstone breccia, black, with dark green UM fragments, black pyroxenite, quartz and carbonate, and fine grained flow rocks resembling cumulate flow tops and sy. track? Locally mag. and occ. calcareous. Pyrite varies in fragments from nil to 2% in sy. track? and occ. fine grains of crystals of chalcocite within cement. H ~ 4 to 6 1/2, mostly ~ 5.</p> <p>674-676 - Sy to type? as sheared brx fragments in spinifex text'd brown rock cut by quartz-carbonate and locally black talc.</p> <p>Fault gouge: 664 @ 50°</p> <p>673, 2" gouge @ 20°, weakly pyritic</p> <p>678-685 - sheared sub//ca. fault gouge</p> <p>679-680 as chlorite/flakes, weakly pyritic.</p> <p>684-690 - increased (quartz?) carbonate in matrix, foliated 30°-50° py < 1%.</p> <p>local plus green UM frags all to soapstone.</p> <p>694-698 - sheared @ 30°.</p> <p>690-703 - soapstone brx with irreg black & dark blue green UM frags, local foln @ 35° at 696', Tr Py loc mag, H < 5.</p> <p>703-730, mixed brx of UM black and dark green clefts with tan and dark reddish brown foliated pos, usually inner py, loc to 1%.</p> <p>major fault gouge 703 to 710 @ 40°, and 728-729, folns are irreg from 0° to 70°.</p>	<p>660-665 4054</p> <p>665-670 4055</p> <p>670-673 4056</p> <p>673-676 4057</p> <p>676-679 4058</p> <p>679-682 4059</p> <p>682-685 4060</p> <p>685-688 4061</p> <p>688-691 4062</p> <p>691-694 4063</p> <p>694-697 4064</p> <p>697-700 4065</p> <p>700-703 4066</p> <p>703-706 4067</p> <p>706-709 4068</p> <p>709-712 4069</p> <p>712-715 4070</p> <p>715-718 4071</p> <p>718-721 4072</p> <p>721-723 4073</p> <p>723-726 4074</p> <p>726-729 4075</p> <p>729-732 4076</p>	<p>NIL</p> <p>NIL</p> <p>.005</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.005/.005</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>.002</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p><u>Major Fault zone</u> - starting 728-729, 730-736, 740-745 at 50-55° and 756-757, 758-762 (mully gouge with frag. qtz pebbles).</p> <p>733-735, fragments of qtz, syen? or folded red in ^{chil. matrix} py <1%, sil H=6 v. talcose.</p> <p>736-740, frags of tan, sil, sy tr? py 1-2%, distorted and folded with sil'd UM frags, H=6.</p> <p>740-745 in fault, incr py to 1% locally, in fragmented gouge.</p> <p>745-754.5 soapstone brx with sil/calc cement, Tr py H=4-5, frags angular and fol'd at 55°, large UM component.</p> <p>754.5-758 - Dark purple Sy. dyke, fault gouge 756-757, H=6 1/2, cut by frag qtz + qtz magnetite stockwork appears porphyritic, mag, py <1% - maybe qtz, feldspar porphyry?</p> <p>758-762 - light green clay gouge with qtz + talc pebbles.</p> <p>762-765.5 dark greenish ^{brn} soapstone brx, weakly mag, Tr. Py, fol'd 50-60°, H=4-5. incr sil in to 765.5</p> <p>765.5-771 black soapstone brx, fault gouge 765-2° 235°, calc, and near 771.</p> <p>771-775.5 dark brown syenite, sil'd, H=6 1/2, mag. cut by intense fine white qtz stockwork, py = 1%, brxd.</p> <p>775.5-783 - sheared, brxd black soapstone brx. shearing sub// to CA to 20°. H=5-4 1/2.</p>	<p>732-735</p> <p>735-738</p> <p>738-742</p> <p>742-745</p> <p>745-750</p> <p>750-754.5</p> <p>754.5-758</p> <p>758-762</p> <p>762-765.5</p> <p>765.5-771</p> <p>771-775.5</p> <p>775.5-778</p> <p>778-783</p> <p>783-788</p> <p>788-793</p> <p>793-798</p> <p>798-803</p> <p>803-808</p> <p>808-813</p> <p>813-818</p> <p>818-821</p>	<p>4077 .002/.005</p> <p>4078 .002</p> <p>4079 NIL</p> <p>4080 NIL</p> <p>4081 NIL</p> <p>4082 NIL</p> <p>4083 NIL</p> <p>4084 NIL</p> <p>4085 NIL</p> <p>4086 NIL</p> <p>4087 NIL</p> <p>4088 NIL</p> <p>4089 NIL</p> <p>4090 NIL</p> <p>4091 NIL</p> <p>4092 NIL</p> <p>4093 NIL</p> <p>4094 NIL</p> <p>4095 NIL</p> <p>4096 NIL</p> <p>4097 .002</p>
783-821	<p>Metasediment, Black and ^{dark} tan foliated siliceous rock resembling layered argillite and siltstone. strongly magnetic.</p> <p>Py. trace to 1%, very competent massive rock, sil, H=6 1/2, calc/qtz veins ^{streaking}.</p> <p>by 810 becoming softer, H=5, and talcose, flow distortions. fol'n is 30°-50°. To 25° near 820. short intervals resemble gpe or coarser metased.</p>		
821-876	<p>Soapstone breccia, foliated, brxd with white qtz + carb. fol'n 35°, becoming sheared, py tr. sheared 20° at 835 and 838. short interval of dark green text'd UM brx from 828-830. Tr. Py. fol'n 845 to 20°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	851-856 - dark dull green, talc schist brx, containing alld UM clasts. Fault gouge 856-857 rubbly clay gouge @ 65°. 857-876 black schistone soapstone breccia variably mag. frag elongated and distorted syenite frags? 862-865, foln striking 25/ ca. with some larger frags pinkish or greyish in vicinity of 870, 873. Py generally trace, also increasing number of dull dark green fragments		
876-963	Transitional contact grading from black to dull dark green to lighter grey and green, increasing hardness Quartz-Chlorite (talc) schist brecciated containing numerous clasts of alld talcose UM, and grey or brownish felsitic or syenitic. H varies 4-6, locally weakly calc, dark green sects are magnetic 891-894.5 lighter grey fractured felsitic interval, non-mag, non-schistone, py to 1%, cut by late white qtz + qtz magnetite veinlets and earlier hairline qtz stockwork. Sericitic on rough fracturing system. 894.5-917 Quartz chlorite schist and breccia of syenitic (sil-py), UM (green, occ spirifer) fragments non-mag, non-calc - loc. strong sericite. Foln 40° @ 899 Py on folns to 1% By 905 is light tan and green and grey, felsitic intervals with qtz stockwork: in 911-913 felsitic, siliceous, sericite py 1% to 1.5% 917-924 - light green UM brx, fol'd @ 45° vns, non-mag, loc spirifer, frag magnetite. 924 - foln 50° - in qtz ser-mag (chl) schist - 925 926-934 light grey siliceous (alld dyke) qtz-sericite schist - (appears as an intensely alld qtz dyke) minor mag/chl on patches, Py 1-2%, tr cpq - (Possibly a deformed vein) fol'd 45° fine blue-black disseminated metallic mineral, H ₂ O or graphite? 934-948 - light green Quartz-ser-chl (mag) schist with UM intervals + brx'd grey felsite? fol'd @ 30° @ 942. H ₂ O, Py 1% gradational darkening to dark lime green to black	✓ 876-881 ✓ 881-886 ✓ 886-891 ✓ 891-894.5 ✓ 894.5-900 ✓ 900-905 ✓ 905-910 ✓ 910-915 ✓ 915-920 ✓ 920-926 ✓ 926-931 ✓ 931-934 ✓ 934-939 ✓ 939-944 ✓ 944-948	4098 .002 4099 .095/1.140 } av. .105/1.125 } 0.186 4100 .125/1.167 } av. .135/1.185 } 0.140 4401 .085 4402 .145/1.150 } av. .140/1.140 } 0.143 4403 .080 4404 .075 4405 .045 4406 .070 4407 .005 4408 .035/0.030 4409 .010 4410 .005 4411 .005 4412 .015

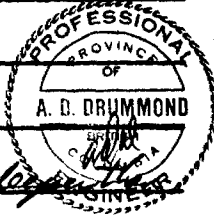
FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>948-963 - Grey to dark olive green to black Quartz - Chlorite - Sericite (tabc) schist and fol'd br'kd UM segments. Black sects are talouse (958-959 & 962-963) non mag, fol'd breccia, P₄ ~ 1%</p> <p>953 - 6" grey felsite } H ~ 6 1/2 f.s. non-mag 961-962 - Grey felsite, } P₄ 1-2% fol'd 40°, P₄ 2-3% sericitic, fine bl'g stockwork</p> <p>959 - shear (fault) @ 50°</p>	<p>✓ 948-953 ✓ 953-957 ✓ 957-961 ✓ 961-963</p>	<p>4413 .050 4414 .055 4415 .025 4416 .080</p>
963-978	<p>30° "Syenite Trachyte" grey brown, with a purple cast, v.f.g., breccia with a foliation at ~30° H ~ 6 1/2 - 7, cut by fine black qtz stockwork, fine dissen py, qtz emb'd, to ~ 2% minor fine (to 1%) arsenopyrite on faults & dissen, fol'n's emphasized by yellow & brn sericite - - deformation fabric showing elongated elasts.</p>	<p>✓ 963-966 ✓ 966-969 ✓ 969-972 ✓ 972-975 ✓ 975-978</p>	<p>4417 .235 4418 .085 4419 { .70 / .73 .72 / .72 4420 { .61 / .60 .62 / .62 4421 .265</p>
978- 1220 1220	<p>30° Soapstone Breccia, foliated, upper interval dark to med grey to 283, then light green composed of numerous distorted UM fragments, H ~ 5, H ill P₄ 996-1002 is light green fragments of br'kd, fol'd UM, numerous spines of black sil mch with foliated "sedimentary" pyrite mill. locally up to 1" nodules of rounded and layered py. "shearing above and below @ 40° non calc no defined foliation 0-60° - 4" py at 1000' 1002-1025 Dark green soapstone breccia, H 4-5, weak calc locally, fol'd to shearing @ 40° 1021 gouge - 2" in with qtz & qtz carb + magnetite venig at 40° scattered py clusters as above to 1/2" to 1014 section 1002-1025 is fol'd py. mch (to 30%) @ 50° silim, laminated dark grey, H ~ 5 1/2, as if a sil'd fragment 1025-1067 Dark green - black, text'd soapstone br'kd, locally magnetite, H ~ 4-5, UM pcs, tr py. Fault 1039 @ 60° 1042 @ 70° - 2" gouge. 1067-1070 - Amphophyre dyke, dark grey-black, non mag fine py < 1%, H 5 1/2, pow weak calc.</p>	<p>✓ 978-981 ✓ 981-984 984-987 987-990 990-995 995-1000 1000-1005 1005-1010 1010-1015</p>	<p>4422 .055 4423 .070 / .065 4424 .005 4425 .025 4426 .002 4427 .015 4428 .015 4429 NIL 4430 NIL</p>

201 / 33
307 / 17

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>1070-11 Black/Dark green fol'd Soapstone Bx H ~ 4-5, locally calc., mil Py., occ quartz intercal, fol'd 1086 @ 50°. Fault 1093-5-1096, 12" gouge, fol'd @ 20°. Shearing 1096-1105, minor clay on slip faces at 45° considerable calcareous cement 1110-1124 1132-1133 - foliated purple black biotite syenite dyke, mag, fol'd 30° Tr Py. _____ 35° 1144-1156 and 1157-1158 - Dark grey biotite porphyry dyke, Diorite? mag. H ~ 6, non-calc. contains clusters of biotite & feldspars as if porphyritic upper part contact, sil'd over 12", lower contact bry'd chill margins of pgs at 60-90° _____ 60-90° fol'd 1178 @ 40°, H 4-5 1/2, considerable white non-calc cement, few mag. Fault 1198-1192 rubble gouge with quartz fragments at 40° shearing continues to 1205. 1190 rock becomes softer, to text soapstone and light grey and greenist. fol'd 1205 @ 45°, numerous UM fragments. fol'd 1216 @ 45°. 1214 - 2" gtz - nephrite vein at 45°. by 1220 is a quartz-Chlorite-Sericite schist. Transitional contact over 30' ±</p>		
1220-1237	<p>Quartz Chlorite - Sericite schist, brecciated. & fol'd @ 55°, minor manpositite in lower section 1230-1231 white gtz vms. 1222-1224 - old fold? bi fol'd syenite, minor Tr. py., non-mag, H ~ 5 1234 - 6" fault gouge</p>		
1237-1316	<p>transitional over 20' brecciated, silicified metavolcanics, light grey-green, H ~ 5 1/2, non-mag non-calc. Py < 1%, loc. fine gtz stockwork. upper section 1237 - 1277, silicified, brecciated sericitic / manpositic py < 1%, occ. clusters to 1/2". 1277-1316 Submassive thalite metavol. non calc, non-mag, H ~ 5 1/2, non-Py.</p>		
1316	End of Hole.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISONDATE APRIL 23, 1988 PAGE: 1 OF 8HOLE NO. N 88-91 DIP -60° AZMIUTH 340° LOGGED BY M.H. SANGUINETTICORE SIZE BQ TOTAL FOOTAGE 1646 DIP TEST: YES/NODIP FOOTAGE AND DEGREE 826-54°; 1626-49° LOCATION: 14+00N 35+00WCASING LEFT IN HOLE: YES/NO CASING FOOTAGE 58DRILL TIME: START April 20^D FINISH May 2, D MECHANICAL TIMEMISCELLANEOUS PROBLEMS <PHILIPPON> Note: footage error: 10' discrepancy
line sheets.

FOOTAGE	DESCRIPTION
0-58	Overburden
58-460	<p>Metasediments: Greywacke - fine grained, light grey, altered to tan and pink on fractures, intensely broken up, porous, vuggy and limonitic, H ~ 5 1/2, gritty as sst. loc specularite on fractures and dissem, Py ~ 1%, v. fine dissem. Tr. part- occ chlorite with space on fractures. bedded? @ 50° 55° reddish sandy to 146-160 then quartzite 160-186 - all badly broken up, vuggy, hematitic, non-mag. 186-190 (possibly 196) siliceous interval red arkosic as if a distorted dyke (silicified sediment) 196-203 grey/reddish, limonitic, vuggy, badly broken up hematitic. 203-266 - Reddish arkosic sandstone / with conglomeratic fragments, some grey, some grey to 3/8", non-mag, Py ~ 1% fine dissem, and on fractures; bleaching on fractures vuggy. - badly broken up 228-237, 255-259, 260. bedding? @ 50° 266-269 grey fol'd porphyroblastic dyke? As Qtz biotite schist with red feld phenos, fol'd 25°, weakly mag. subconformable to adjoining sds 269-293 arkosic interval, sil'd & pervasively, minor quartz veins, intermixed with darker grey greywacke metaseds. Both have Py ~ 1% loc to 3% in distorted areas. loc hem. and hem staining, vuggy, H ~ 6 1/2. Grey sections are vfg showing flow text. 293-335 med to dark grey Greywacke, v. f. g. showing fol'd + flow texture, interlayered with occ tan seq of fine siltstone, or argillite, (also green grey), H ~ 5, local reddish intervals</p>
	276-281 4459 NIL
	281-286 4460 NIL
	286-291 4461 NIL
	291-293 4462 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>of sil'd ark (H~7) may show of filled shrinkage? cracks over very short intervals (310') .. all fold//.</p> <p>foln 296 @ 45° 306 @ 40° Py ~ 1%, often along bedding layers. foln 321 @ 40°</p> <p>325-378 light tan and red and pink laminated siltstone / arkose locally gritty, H~6, sericitic and locally chloritic (black over 1/2 intervals) non-mag. non-calc except in vuggy fractures. minor of thin veins. Py ~ 1% finely dissemin.</p> <p>foln 348 @ 45° 355 @ 30° 370 @ 30°</p> <p>378-460 Dark red and dark grey arkose, foliated and banded alternately, fine py < 1% to 1%, minor bands Jasper to 1/2", H~6. locally gritty. hematitic, minor inclusions of sed features (congl.). non-calc.</p> <p>foln 380 @ 40° 395 @ 30° spec hem in vugs.</p> <p>425-428, brecciated with dark grey quartz chlorite schist. fol'd @ 40°</p> <p>434-439 - Dark green quartz chl schist loc mag fol'd @ 40°, H~5 1/2-6, Py < 1% lge anhedral xols and glbs. conformable brx of contact lower contact at 75' non-calc.</p> <p>439-460 - Grey and pink vuggy arkose, locally pyritic, locally conglom (brx?) at 451. V. siliceous gradational 30°</p>		
460-484	<p>Red Arkose and Green Quartz Chlorite (sericitic) Schist. mag, H~6 - Brecciated, alternating intervals of 2' - 6'. Red ark has ~ 1% py. Trace amt of magnetite in schistose layers., foln 25° - 40°; some bleaching alteration on edges of red layers or whips.</p>		
484-539	<p>Quartz-talc (chlorite) Schist with elongated brecciated pcs of altd. arkose + gke. rock becomes black with pink & white frogs over a 2' interval from the green above. brx frogs become smaller and more deformed.</p>	<p>484-489 489-494 494-499</p>	<p>4463 .002 4464 .002 4465 .002</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>H ~ 4 1/2 x 6 1/2. Py 4%, locally magnetic, occ. vugs of qtz on, and some massive frags of bluish qtz at 528 (local sericite around it). shearing is local & // to folios, often hematitic. foln 492 @ 20° 508 @ 35° 525 35° Note: Block error at 503; (should be 513) corrected blocks following. Fracture & sheared 522-525 } at 35° and 526-528 } shearing becomes more intense into Fault zone 528-541 - 6" clay gouge at 539 at 60° with minor gouges above and below local hematite staining of qtz & calc, frequent veining with magnetite and chl.</p>	<p>499-504 504-509 509-514 514-519 519-524 524-529 529-534 534-539</p>	<p>4466 .002 4467 .002 4468 NIL 4469 .002/.005 4470 .002 4471 .002 4472 NIL 4473 .002</p>
539-665	<p>fault contact 60° Pyroxenite Black, porphyritic with phenos of black talcose pyroxene: up to 1/4", local calc. white, pyritic, acds to 2" usually 1" at 20-60° (selvages of pillows or flows); magnetic; nil Py in pyroxenite, minor cros euhed xals on selvage edges, locally bixid at these points. Sheared from 539-552 @ 40°. minor green serpentis in fault/shear zone 604-606 - stain, slickensides in white py calc zone // CA. 632-633 shearing // CA.</p>	539-544	4474 NIL
665-811	<p>Gradational Contact Olivine Peridotite - black, with yellowish green olives from 1mm to 1cm. locally magnetic, esp in massive, non-porph areas. local calc areas. short sects of ? interflow of spinifer-type rock - almost gabbroic. frequent talcose shears, minor pyrite in the gabbroic sections as sparse euhed xals. 704 minor fault at 20° minor calc bre zones Fault 723-74 @ 40° Major fault zone, preceded by shearing & breccia, 745-778 gouge zones 752-757 @ 60° - talcose. 764-767 @ 45° rubble, & calc veins</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	Faulty, + brown 789-795 15°-45°, calc rubble zone in layers to 2". gauge 803-818 @ 30° lower contact in fault at 30° + 2" calc veins at 50° FAULT CONTACT. 30°		
811-823	Basic Dyke, dark grey, siliceous H=6, strongly magnetic, med gr. gabbro? foliated at 25° to 30°; Pyrite variable as w 1% locally in filled bands to 10-15%; has a well defined fabric exaggerated by pale tan sericite flakes. Low calc. Upper contact of "black soapstone, lower contact into sheared brecciated quartz, calc at 35° with magnetite, carbonate and talc gouge. Fault - Shear contact 35°	811-816 816-820 820-823	4475 NIL 4476 NIL 4477 NIL
823-939	Black to dark green Soapstone Breccia (prob. derived from altd. peridotite) foliated, variably mag., brecciated and sheared calcareous (pewarite). Tr. Py but increased in thin str'd layers 35° 823-833 Brecciated / fault zone with wide 2/3-magnetite veins 6" and 829-832 brock purp-black + white cement syenite? dyke fragments. Py < 1%, mag. shear at 50°, fault gouge 20° pew. silicified. H=6. 45° 833-888 Sheared with occ fragments of biotite-syenite dyke. sheared 835 @ 25°. 2" gouge 840 @ 45°. 847-849 sheared at 0°-20° on 2 planes 40° 860-862.5 - Biotite syenite dyke, purp-black, foliated @ 30° mag. weak sheared margins bleached. Py < 1% 50° with gouge above and below. at 30° lessen Bi-Sy fragments at 857-6" 863-8" 868-2" within bl-green sheared soapstone for 35° at 870. 60° at 875. 877.5-879.5 Dark brownish grey dyke, basic siliceous Tr. Py. fine gr. calc minor bi + plagiocl. calc veins; leucophane? 70° 888-889. Lamprophyne; dyke dark brownish black, foliated @ 35° parallel to contacts, mil Py, non mag. 35°	823-827 827-830 830-833 833-836 836-841 841-846 846-851 851-856 856-861 861-866 866-871 871-876 876-881 881-886 886-891 891-896 896-901 901-906 906-911 911-916 916-921 921-926 926-931 931-936 936-941 941-947	4478 .002 4479 .002 4480 NW 260 NIL 261 NIL 262 .002 263 NIL 264 .002 265 NIL 266 .002 / NIL 267 .002 268 NIL 269 NIL 270 NIL 271 NIL 272 NIL 273 NIL 274 NIL 275 NIL 276 .002 277 .005 278 NIL 279 NIL 280 .005 281 .002 282 .01 / .015

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	918-923 - ^{Wxd} fragments of purple biotite syenite dyke at irregular angles, some bleaching on edges of clasts. py 97% stockwork, py < 1%.		
	928 - fault gouge 8" @ 65°, shearing then to 937. rock has become granitic, dark sheared, chloritic.		
	931-932 - Bi-Sy dyke py ~ 1% non-mag. at 60°.		
	937-939 - Brecciated bi-Sy dyke as above. Black soapstone above & below for 3". transitional contact conformable — 30°		
939-1064	Quartz-Chlorite schist; dark green and black, very schistose, sheared and altered UM fragments - H ~ 4 1/2 - 5. increased quartz + magnetite veins, both conformable & cross-cutting, strongly foliated. Py < 1% as fine dissems in chloritic matrix. large percentage of talc to give a Qtz-Chl-talc-schist with UM's.		
	951-952 - reddish tan incl of "felsitic" sed, conformable @ 45-50°, py 2-3%, v. fine, fracturing stockwork.	947-952 952-956 956-960 960-963	4481 .010 4482 .010 4483 .005 4484 .015
	foln 945 @ 45° 960 @ 50°		
	963-968 - Dull red brown Syenite dyke; intense brecciated, cut by moderate white Qtz stockwork and contains frag. clasts, as if flow, of mustard yellow pyrite-sulphide sed?, H ~ 6 1/2 sil; Py 2-3%	963-968 966-969.5	4485 .040/.035 4489 .030
	968 - 969.5 - Dull tan, syenite, siliceous, vfg. similar to "Sy Ti" with minor flow text. py 1-2%, H ~ 6 1/2. lower contact talcose and fold/brid // to foln & shear of hot.	969.5-975	4490 .015
	969.5-990 Sheared and talcose dull dark green UM & black talc schist by non-mag. to py, faulting/shear from 973 on // foln @ 35° fault gouge @ 974 & 981 @ 20°. 987-990 fault gouge @ 30° foln 1000' @ 40° as text UM by alternating dark/black green soapstone/UM sed, brid.	975-980 980-985 985-990 990-995 995-1000 1000-1005 1005-1010 1010-1015 1015-1020 1020-1025 1025-1030 1030-1035 1035-1040 1040-1045 1045-1050 1050-1055 1055-1060 1060-1065 1065-1071	4491 .002 300 .002 301 .005 302 .005 303 Nil 304 Nil 305 Nil 306 Nil 307 Nil 308 Nil 309 Nil/Nil 310 Nil 311 Nil 312 Nil 313 Nil 314 Nil 315 Nil 316 Nil 317 Nil
	1018-1021 fault zone 2" + 3" gouge @ 40 & 60°. occ coarse embed py to 1/2", sparse 1034-1037 fault/shear gouge @ 60° 1053-1059 Fault zone, 6 gouge zones clayable at 30°-60°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1064-1089	Diabase or biotite Syenite dyke. Upper section from 1064 to 1071.5 is foliated & brecciated, containing segments resembling alt'd UM-Oliv. Perid. Soft - as soapstone - bi-sy schist, weakly & variably magnetic. Tr. Py, few calc. Porphyry with pump felds? phenos & 2 mm. fol'd 60° at 1066. fault zone / shear 1070-1071.5, 1/2" zone @ 60°. 1071.5-1089 Bi.Sy. dark grey to black with purple cast, horn. stain of felds. - bi phenos & 2 mm. overall fol'd @ 50° ± - Biotite Syenite? f.g. mag. perv. calc. Nil py. 1087 - 1" Qtz - magnetite felds (or) vein sub//CA, biotite & chlorite. - narrow chill blast. mag. 60°	1071-1076 1076-1081 1081-1086 1086-1091 1091-1096 1096-1101 1101-1106 1106-1109	318 NIL 319 NIL 320 NIL 321 0.002/0.002 322 NIL 323 .002 324 .002 325 NIL
1089-1092	Qtz Ch Sch - dull drk green sheared UM, minor clay gouge @ 50°. Tr. Py. 40°		
1092-1097	Biotite Syenite dyke, as above, upper contact sheared // fol'd, lower contact bleached, minor brecciated - f.g. mag. 70°		
1097-1109	Qtz Chl Schist Breccia, foliated UM & soapstone brx. H=4-5, fol'd & sheared @ 40° & 50°. nil py, numerous gouge layers, 50°		
1109-1124.5	Biotite Syenite, dark purple grey. f.g. H=6 1/2, mag, cut by wide spaced perv. thin Qtz veins, grey bleaching, adjoining veinlets, hairlines & faults, Py < 1%, localized in some veinlet areas. Lower contact bleached over 6" Biotites appear aligned @ 50°-60°, Pyrite inclusions to bottom of sect. 55°	1109-1114 1114-1119 1119-1124.5	4492 NIL 4493 NIL 4494 NIL
1124.5-1182	alt'd UM-Qz schist, sheared, foliated, upper section bleached lilac purple grey, to dark grey. Intensely silicified Pyrite 1-2% grades into sect of fine black, pump & grey spinifex at 1130. H=6 1/2, shows variable deformation fabric, brecciated throughout, 1130-1132 possible UM spinifex inclusion? or less alt'd section, brecciated at 1130 & 1182, 1132-1137 bleached & alt'd UM, sil'd pyritized, et green-tan-orange brown; Qtz stockwork, Py < 1%, chlorite. 1137-1138: grey siliceous internal, purdsh py < 1%. alt'd UM texture, Qtz stockwork. 55°	1124.5-1130 1130-1134 1134-1137	4495 .005 4496 .002 4497 .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1138-1144	Sild green Qtz-Chl schist, altd UM, sericitic, brx'd, flow text. Py tr, fold @ 60°	1137-1142 1142-1146	4486 .015 4487 .015
1144-1146	Grey (purplish, light) Vfg. sericitic sil. H ~ 6 1/2, sect, as if Sy. tr. but py < 1% and coarse. Texture appears as if spinifex (check). Lower 1/2 has sparse subd py tr 2mm	1146-1153	4488 .002
1146-1153	altd UM - Qtz Chlorite Schist with brx'd frags of green chld UM, tr py. minor Qtz-magnetite & ss		
1153-1163	Tan and grey altd, sild UM flow, slightly porph., fg. foliated, @ 40°. py < 1% to trace. contains inclusions as if basic tuff breccia, minor Qtz veinlets - weakly mag, non calc. H ~ 6 - 6 1/2.	1153-1158 1158-1163	4498 .030/.035 4499 .002
1163-1182	Qtz Chl / UM. brx schist, dull dark green, non-mag, H ~ 4 1/2 non calc. fault: sheared // foln at 60° at 1171 continuing through to 1188 Fault gouge at 1174 at 70° + 1179-1182 at 50° 1185 at 50°	1163-1168	4500 NIL
1182-1242	Soapstone Breccia, black, schistose, transitional contact from Quartz chlorite to UM schist brx to soapstone brx, H ~ 4 1/2, v. dark green tan; to black tr. py, few calc. becomes finely spotted in lower part of section, mag. foln/sheared // to CA @ 60°		
1242-1460	Olivine Peridotite, black, light green divise phos. Upper contact gradational over 15'; foliated @ 40° mag, occ calc, H ~ 5, freq black talc (sap) + white calc flow margins? variable size of olivines, starts fine (< 1mm) to coarse (1cm) at 1270 + variable in intervals of 10-50' 1281 small fault @ 40° 1284-1285 shearing ~ 40° 1312-1314 fault 1" gouge + shearing @ 30° 1320-1332 fault, mod py < 1%, gouge 1"-4" // CA - 50° 1406 - shearing @ 35° from 1430 - becomes slightly harder black peridotite, freq 1/2"-3" calc white flow margins? veinlets @ 40° variably magnetic. transition contact.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1460-1590	<p>Altered UM Soapstone Breccia, black with white cement, H ~ 4 1/2 - 5, locally gritty, non-calc, magnetic, Py coarse euhedral, sparse, < 1%. Locally dark dull green. very talcose - wavy foln ~ 60° at 1512. 35° at 1520. 15° at 1530.</p> <p>Top contact gradual change from divirapid to massive black peridotite to brecciated peridot and soapstone - due to breccia + alter - over 15'. 1477 - shear ? / fault 35° - 1".</p> <p>1586-1590 - silicified, altd, lighter dull green, locally porphyritic. Tr Py.</p>	<p>1585-1590 1590-1595 1595-1600 1600-1605</p>	<p>83401 NIL 83402 NIL 83403 NIL 83404 NIL</p>
1590-1602	<p>Transition Zone, Brecciated, silicified, Quartz - Sericite (chlorite) schist - "felsitized" sections. non-mag, weak perv calc. H ~ 5 1/2 - 6. becoming light grey green to grey. fol'd 60° at 1600 nil py.</p>	<p>60-70 1605-1610 1610-1615 1615-1620 1620-1625 1625-1630</p>	<p>83405 NIL 83406 NIL 83407 NIL 83408 NIL 83409 NIL</p>
1602-1646	<p>"Felsitized" Metavolcanics - light grey-green sericite schist, fol'd, non-mag, loc. brecciated, calc., H ~ 5, nil py. some sects sil'd. fol'd 40° at 1606 50° at 1628</p> <p>Tr. Py with brn sericite zones - 1630 becomes sl. massive, streaked with carb? to dark green, dull tholeiite to 1646. Minor perv. calc. non-mag. Tr Py</p>		
1646	End of Hole.		

Supplemental Assays

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		833-836 260	NIL
		836-841 261	NIL
		841-846 262	.002
		846-851 263	NIL
		851-856 264	.002
		856-861 265	NIL
		861-866 266	.002/NIL
		866-871 267	.002
		871-876 268	NIL
		876-881 269	NIL
		881-886 270	NIL
		886-891 271	NIL
		891-896 272	NIL
		896-901 273	NIL
		901-906 274	NIL
		906-911 275	NIL
		911-916 276	.002
		916-921 277	.005
		921-926 278	NIL
		926-931 279	NIL
		931-936 280	.005
		936-941 281	.002
		941-947 282	.010/.015
		980-985 300	.002
		985-990 301	.005
		990-995 302	.002
		995-1000 303	NIL
		1000-1005 304	NIL
		1005-1010 305	NIL
		1010-1015 306	NIL
		1015-1020 307	NIL
		1020-1025 308	NIL
		1025-1030 309	NIL/NIL
		1030-1035 310	NIL
		1035-1040 311	NIL
		1040-1045 312	NIL

Supplemental Assays

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		1045-1050 313	NIL
		1050-1055 314	NIL
		1055-1060 315	NIL
		1060-1065 316	NIL
		1065-1071 317	NIL
		1071-1076 318	NIL
		1076-1081 319	NIL
		1081-1086 320	NIL
		1086-1091 321	.002/.002
		1091-1096 322	NIL
		1096-1101 323	.002
		1101-1106 324	.002
		1106-1109 325	NIL

DIAMOND DRILL LOG

Note: 2nd 600

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE MAY 8/1988 PAGE: 1 OF 8

HOLE NO. N88-92 DIP -60 AZMIUTH 340 LOGGED BY MH SANGUINETTI

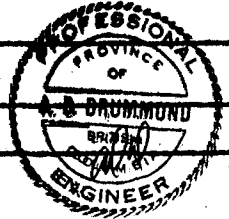
CORE SIZE BQ TOTAL FOOTAGE 1825' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -51° @ 1785' LOCATION: 14+00N ; 36+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 52

DRILL TIME: START May 2 FINISH May 18/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS < Philippon >



FOOTAGE	DESCRIPTION	
0-51	Overburden	
51-432	<p>Metasediments, Grey & pink, well bedded, arkose & greywacke. Vuggy sections, spec. hematite on fractures, loc. py, hematite staining, locally calc. minor quartz veins @ 107-110. Locally weakly magnetic, — 40</p> <p>193-201 Grey med gr "dioritic" dyke, schistose, foliated at 40°, weakly mag. slightly porphyritic, contacts brecciated, arkose is red-hematized at contact. — 40°</p> <p>240-255. foliated @ 40-45° Py 4%, silicium H=7(8%) with dark grey sil argillite bands. — 40°</p> <p>248-250, grey laminated pyritic arkose, @ 35°, py fine bedded 4%,</p> <p>255-320 vfg pink & green arkose and argillite, layered, H 5 1/2-6, silicium to py to 4% — fol'd 30° @ 285', spec hem, non-mag., locally red sects of layered gneiss (red cherty).</p> <p>320- alternating dark grey, red, maroon schists foliated 35° @ 341', hematitic, pyritic (4%). Bry'd - 9 3/4 ft.</p> <p>384-387 Qz, chlorite schist @ 40°</p> <p>389-391 s. weakly mag., non-calc.</p> <p>391-407 - red pyritic quartzite, to maroon, py 1%, brecciated H=6% loc similar.</p> <p>407-418, Dark green chlorite quartz schist, non-calc, mag, lower contact Bry'd.</p> <p>418-432 - red syenitic quartzite, cut by 000 ps 21' of QC Sch. py 18%. fine gr schistose, brecciated chlorite on fract + minor spechem, non-mag, Bry'd chlor. contact // fol'd schist. 20°</p>	<p>418-423 82914 NIL</p> <p>423-428 82915 .002</p> <p>428-432 82916 NIL</p> <p>432-435 82917 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
432-488	<p>Quartz-Chlorite-Muscovite (Sericite) Schist alternate with Arkose/Quartzite -</p> <p>Schist is light green, mod foliated with numerous old metased wings and layers (tan, yellow, red & pinkish) gen pyritic < 1%, H ~ 5 1/2, generally non calc. non-mag.</p> <p>metased is red to red brown, siliceous with gtz streakwork, gen weakly py < 1% fine dissem, non-mag, sericitic, - generally 1/2" - 12" longer intervals @ 481-488 - brixid.</p> <p>foln 40° @ 441' 30° @ 465' 35° @ 474'</p>		
488-581	<p>Chlorite-Talc Schist, Brixid, dark green to black, with white sed & gtz fragments, fol'd @ 30° H ~ 4.5 non-mag to weakly mag. becoming more talcose. fragments become distorted and folded & hooked. Py is euhed, locally < 1%, mostly tr.</p> <p>minor gtz inclusions & fragments with gtz-mag.</p> <p>- fol'd 30° at 498 60° at 514.</p> <p>Fault zone 530-556 gouge @ 531-532 @ 65° 534 @ 60° 536-538 @ 40° - purple hematitic clay 539-542 @ 45°, chlorite pop. shear continues through to 556 at 30° local pyritic inclusions within sericitic & talcose layers 550-6" gtz, vn, chlorite, 556 - becoming almost a "soapstone" - dark, fol'd talcose, magnetite 561 fol'd 30° 576 @ 40°</p> <p>Fault 577-578 - shear @ 20° to // CA, 3" gouge. 573-578 gtz & carb stringers + brix // CA.</p>		
581-775	<p>Peridotite, Black, massive, 15°, calc, Vsg. 35° H ~ 5, mil py. non-mag, frequent white calcareous interflow or flow margin 1/4" to 4", layered. at 599 @ 15° 624 @ 30° 596 @ 60° 631 @ 45° 647 brixid @ 60° 653 @ 60°, 662 @ 50° Shear @ 35° @ 658 (adhesion filling) + 668-669.</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
	611-612 trace py as sparse dissem clots to 1/2" thin, 4 on flow? lines 625-631 change in flow to olivine peridotite layer in centre, fine olivine, sparse pyrite dissem throughout as coarse clots to 1/4" - This is repeated in several other intervals throughout this unit. 684-690 - bre'd, white calc cement 690-693 grades into pyroxenite over this short interval, with black soft phase, magnetic. flow margin at 679, 693, 707, 708, 712, 719, 721, 724, 744-745, 747, 753 & 760-761. fault zone 740-746 @ 15°-60°. fault zone 754-755.5 @ 60° minor fault. " 761-763 @ 40°, bre'd & gougey/c.a., loc py.			
775-995	at 775' becomes foliated & sl pyrite. Tale-chlorite (Quartz) Schist to foliated Soapstone generally weakly siliceous H=5 1/2, non-mag, calc, with calc laminae, fine & pale, Black, Py <1% as sub-micron & dissem. fol'd 781 @ 50° shear 784-785 @ 40°, weakly pyritic. fol'd 794 @ 60° 796-797 reheated bre. fol'd 799 @ 20° Flow textured 803-814, distorted & magnetic. more like massive soapstone. Calc, contains jade green serpentine incls to 4". fol'd 815 @ 50° 816-860±: Silicified, H=5 1/2-6, dark grey, dark green to black, foliated, calc locally, folded, Py tr. bre'd 816-818, then fol'd @ 40° @ 819. brown sericite increased to almost a g tale-chlorite (sericite Quartz) schist. silicified sects have been interfolded with talcose sections, py locally to 1%, coarse along calc folia, brown sericite common, also fol'd text'd basalts? fol'd 831 @ 30° 840 // c.a. 852 @ 40° occ clast/frequent dark dull green UM noduli: sheared zones @ 853, 902-906 increasing intensity of shear: 856 @ 30° 866 @ 60°, calc. fault gouge at 883-884 @ 55°, milky clay	816-821 821-826 826-831 831-836 836-841 841-846 846-851 851-856 856-861 861-866 866-871 871-876 876-881 881-886 886-891 891-896 896-901 901-906	82 82 82 82 82 82 82 82 82 82 82 82 82 82 363 364 365 366 367 368 369	918 NIL 919 NIL 920 NIL 921 NIL 922 .002/NIL 923 NIL 924 NIL 925 NIL 926 NIL 927 NIL 928 .002 NIL NW NW NW NW NIL .002 / NW .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1015-1021	Brecciated & foliated (at 40') tan & dark green feld. sed & UM with spinifex, dull grey green, chlorite. Py < 1%. H=5 1/2 weakly calc. non-mag.	1015-1021 82	936 .020
1021-1026.5	Tan, Sil felicitized sed. locally schistose, fol'd at 40°, Py ~ 1% fine dissem, sparse white qtz stockwork, minor sericite, H=6 1/2.	1021-1026.5 82	937 .070/.080
1026.5-1033	Brx'd Qtz-Chl-Ser Schist, H=5 1/2 with frags of feld's sed, Py < 1%, non mag. fol'd at 30° at 1031'	1026.5-1030 82 1030-1033 82	938 .010 939 .005
1033-1035	Tan Sil; felicitized sed. Sy to type. H=6 1/2, brx'd, v. minor qtz stockwork, Py c. 1% euhed & 1-2% fine dissem. -	1033-1035 82	940 .010
1035-1039	Quartz-Chlorite (sericite) Schist & Brx with felicitic & UM fragments 8", py 1-2% mostly on fol's. becoming darker from dull olive green to black within this section. local iron in tale. H=5, v. weakly calc. fol'd @ 55°	1035-1039 82	941 .010
1039-1169	Soapstone Breccia / UM breccia, foliated - locally a Talc-Chlorite (Quartz) schist breccia. Black & dull dark green, local spinifex in fragments magnetite locally, intensely streaked, calc. 44%. 5' minor pyritic quartz veins and quartz-magnetite veins. occ. incl. of sil, py. tan "felicitized sed." Overall py < 1%, sericite. Fault zone. 1057-1061 @ 15-30'. foln 1051 @ 50° 1067 @ 50° shearing 1067-1084, fault gorge at 1070-1072. 1077-1078 purple bi lamprophyre dyke or Syenite, brx'd contacts, non-mag, Py < 1%. 1080 - 4" fault gorge at 65° 1080 - 8" purple bi Sy dyke as above, brx'd. 1086-1089 - purple bi sy dyke mag. locally resembles mica sed, py < 1%, minor qtz stockwork segments of dyke separated by UM fold brx. at 40°	1039-1045 82 1045-1050 82 1050-1056 386 1056-1061 387 1061-1066 388 1066-1071 389 1071-1076 390 1076-1081 391 1081-1086 392 1086-1091 393 1091-1096 394 1096-1101 395 1101-1106 396 1106-1111 397 1111-1116 398 1116-1120 399 1120-1126 400 1126-1131 401	942 .002 943 .005 .007 .035/.035 .015 .002 NIL NIL NIL .005/.005 NIL .002 .01/.015 .01 .002 .002 NIL .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>1089-1099. UM Soapstone bry, fld. 35° 2 1098 Fault- 6" gauge 1096 - 2 60°.</p> <p>1099-1104 - Purple bi Syenite dyke - brecciated, calc. mag, sil Hw 5 1/2, Py < 1%, fine densen. lower contact bry'd over 18".</p> <p>1104-1116 - Sheared Qtz - talc - chl - UM schist at 0° - 15° & 45°. occ frags of sy. which closely resemble metaseds. Fault contact 1" gauge — 50°</p> <p>1116 - 1119.5 Dark purple, black dyke, lamprophyre, (basic) - vfg. non mag, mil py. lower contact bry'd — 60°</p> <p>119.5-1131 - Bry'd - fold UM soapstone bry, 4" clay gauge at 1130 at 60°. — 50°</p> <p>1131-1135 - Dull dark brn Syenite dyke mdg. lower contact bry'd. Chlontite, feld. fine py 1-2%, minor qtz stockwork, Hw 6 1/2, mdg. non mag. — 30°</p> <p>1135-1139 - Distorted bry'd soapstone & syenite occasional pyritic frag., becoming grey from flat, weakly mag, some soft tan frags.</p> <p>1139-1169 Soapstone breccia dark grey, foliated with brownish segments, all'd UM, occ spinifer considerable serpentine as light grey, greenish. foliated 50° at 1142. 60° at 1165. 50° pink qtz at 1155-1156. minor py. Py occurs in blebs and agglomerations to 2" x 1" and as fine laminae.</p>	<p>1131-1135 82 944 .030 } Syenite 1135-1139 82 945 .020 } 1139-1144 82 946 .002 1144-1149 82 947 .005 1149-1154 82 948 .010 1154-1159 82 949 .010 1159-1164 82 950 .005 1164-1169 82 951 .002</p>	
1169-1258	<p>Brecciated contact — 50° Black Peridotite grading to pyroxenite and to Olivine peridotite, mag, calc. frag flow top / margins of layered calc. at 45-60°. at 1172, 1181, 1184, 1191, 1200, 1215, 1244-1247.</p>		
1258-1268	<p>fault contact — 50° Basic dyke, black to dark grey, fine grained porphyritic, contains rounded pyritic calc frags, prob lamp. sil Hw 6 weakly mag. Py w 1% / inter 2' then < 1%, calc. fault contact — 70° 4" clay gauge.</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1268-1280	Basic dyke, medium grey, fine grained bitite porphyry, contains 2-12" talcose sects, non-mag, H=6, calc., slightly bleached contacts, Py ~ 1% - (grades to a bitite syenite), brxd contact. 60'		
1280-1410	Pyroxenite, black, magnetic, H=4-5 1/2, brxd & calc. in faulting/shear at 1330', as a soapstone breccia/schist, foliated at 35° at 1306'. Py to 4-7%, in upper part of unit. Fault 1300 @ 60° - grey thin bands of grey foliated sed? gen calc. sheared 1280-1315. - Fault zone at 1310 at 60° 1" by 1330 has graded into massive black pyroxenite, fgr. H=5 1/2 calc, mag. Nil to to Py. - calcareous margins (of flows) at 1356, 1364-66, 1381-82, 1386 becomes altered and talcose by 1400, slightly foliated as a deformation fabric to rock.		
1410-1531	Soapstone breccia, foliated, dark grey to black, intervals of > 12" of brownish dark UM? H=5, serpentine on thin layers and fractures fillings to 1/4" weakly calc, weakly mag. UM brx & deformation stop at 1424 then into sheared black/white soapstone breccia, Nil py. fol'd 30° at 1428 30° at 1438. 1444-1447 - light grey fine grained syenite? dyke, brxd contacts, py ~ 1% chloritic, non-mag, H=6, 1447 - foliated & brxd soapstone breccia grading to light green, containing UM frags with spinifex H=4 1/2 mag. fol'd 50° at 1451 20° at 1458 (no apparent py) 1480 fol'd at 50° 1514 spinifex texture in "fragment" 1520 to 1531 - colour become lighter green. transition at.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1531-1617	<p>Maniposite-Carb-Qz rx - Semi bright green 1531-1581 15. Maniposite - bryg textured U.M. ^(90% of section) with local areas of buff H=6. (maniposite → sericite) usually with minor py. (~10% of section). Spinelifer at 1535' + 1567 to 1568. Solⁿ consistently at ~40° 1581-1606 predominantly H=6 type with tan-grey fringe carbonatized with minor py. maybe >0.5% py. - check Au content.</p>	<p>1581-1586 1586-1591 1591-1596 1596-1601 1601-1606 1606-1611</p>	<p>82 952 .010/.010 82 953 .002 82 954 .002 82 955 .010 82 956 .005 82 957 .010</p>
1617-1751	<p>Dark Green Chl carb(Qz) ± Talc, leucoxene common in section 1618-1622 Solⁿ + Carb veinlets at 30° to CA no apparent pyrite. - general appearance is that of a breccia with fragments of textured U.M. - general foliation is 30-35° impression that in section 1670'-1720', Talc > Chl. (more soapstone-like.) increase in defⁿ between 1740 and 1751' 30°</p>		
1751-1825	<p>Pale green to buff H=6 non magnetic <u>tholeiitic</u> flow contact. 1753-1757 irreg. H=6 Black argillitic material present only - some large aggregate grains of py + some sedimentary like py replacements. 1757-1770 aligned leucoxene grains at ~40° 1770-1777 pale grey carbonate zone - nil pyrite 1777-1798 grey-green non magnetic fine grained but more coarse grained than usual. 1798-1800 poss. flow top. at 40° to C.A. 1800-1825 tholeiitic flow. trace py. pale green non magⁿ</p>		
	<p>E.O.H. 1825'</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE May 15/88 PAGE: 1 OF 2

HOLE NO. N 88-93 DIP -60° AZMIUTH 340° LOGGED BY A.D. Drummond.

CORE SIZE BQ TOTAL FOOTAGE 300' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE LOCATION: 15700N ; 37700W


CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 16'

DRILL TIME: START May 12/88 FINISH MAY 16/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS HOLE LOST DUE TO SQUEEZING / CAVING



FOOTAGE	DESCRIPTION
0-16'	Overburden/casing
16-71	Dark greenish grey chl. Qucarb schist. H=4 fol ² at 35°, no apparent py (except for scattered 1/4" wide horizon with some py)
D. 39-41'	Brick red f. gd. uniform syenite - 1% py diss. H=6
D 47-56'	Brick red f. gd. uniform syenite - 1% py diss H=6 (at 51' - late Qu-carb - some - cpy v. light)
56-71	paler green chl. Qucarb laminated schist H=4 no apparent py. , fol ² ~ 25° to CA
71-78	Brick red f. gd. Syenite H=6 ~ 1% diss py 40°
78-	grey to pinkish grey shatered/foliated? probable meta-sedimentary mx H=6, specularite veinlets fracturing/fol ² at 30°, < 1% py in fractures. Between 93.5 to 98.5' a Qu carb specularite veinlet wires in + out of core at ~ 10° 98.5 - 125' predominantly greenish <u>Massive</u> -brg grey H=5 foliated at 25° with buff boudin up to 10% of mx - about 25% of section in specularite diss. brg reddish sedimentary mx (Impression - sheared red + flow bands have been mixed + elongated on fold limb or other structure. area is zone of intense deformation) 125-138' at 25° - section is predominately f. gd. pink brown to brick red. v. f. gd. Syenite? with 1% diss py + sheared margins. 138-140 mixed. skleistose mx.; grey crushed, contorted. D. 140-142 f. gd. grey near aphanitic dyke probably late. - contacts at 40°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	142-144 - Either sheared + altered dyke as in above or intense deformation of adjacent intruded rx. <u>30°?</u>		
144-166	Mixed. of colours of probable syenite (?) 144-149 f. gd. reddish green bio. syenite 149-152 chl Au carb zone fol. contorted - generally at 20° 152-154 Poss. grey Dyke as above. 154-166 f. gd. Brick red (no noted Au grains) aplitic type syenite - < 1% diss py, late carb Au spec veinlets.		
166-220.5	F. gd porphyritic grey with maroon tinge. Dyke. <u>20°</u> 20% phenos. - to .8 mm length - alt. plag. feldspar 50% - to .8 mm " - dk green - chl after kb? 50% 80% matrix <u>name</u> . F. gd. Feldspar Porphyry. becomes less porphyritic i.e. more equi granular by 183' - appears to be Bio. orthodiortite type? - very little late fracturing or veining, not mineralized - assume late intrusive phase. by 201' rx becomes finer gd + more porphyritic i.e. chilled margin to 220.5' <u>sharp</u> <u>20°</u>		
220.5-224	Brick red. fol. of veined. ^{meta} Sedimentary rx which become red chert-like H+6 at 223 at 224 - a ^{cat.} Au ^{cat.} chl sp. (PbS) + chalcopyrite (cpy) vein fills an open space. <u>fracture</u> <u>variable</u>		
224 - 234.5	Dark grey textured um - fol. in part. + contorted. Spin. texture at 232' - fol. at 40° <u>40°</u>		
234.5' - 239.0	F. gd. greyish with pink tinge - Au grains noted Meta Sedimentary rx ~ 1% diss py		
239 -	Mixed Contorted Zone of (1) mostly dark green-black chl Au Carb and (2) contorted - folded meta sed. bands 264-265  Resembles Crushed zone. Shear 276-285 - Gouge zone - late movement. Shear 288-289 " " " " 293-294 " " " " slickensided. 296-300 " " " "		
300' -	HOLE LOST DUE TO BINDING/CAVING		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE MAY 22/88 PAGE: 1 OF 3

HOLE NO. N-88-93A DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

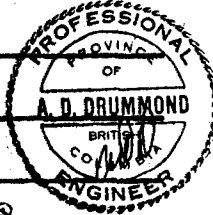
CORE SIZE NQ, BQ TOTAL FOOTAGE 686' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 14+96N 37+00W

CASING LEFT IN HOLE: YES/NO _____ CASING FOOTAGE 14'

DRILL TIME: START MAY 16 FINISH MAY 24/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS PHILLIPON DRILLING
0-322 FEET: NQ CORE; 322 FEET REDUCE TO BQ



FOOTAGE	DESCRIPTION
0 - 14'	OVERBURDEN (CASING)
14' - 60'	<p>R QUARTZ CHLORITE SCHIST, SHEARED, DULL GREEN H=5 FOLDS @ 25-30° TO C.A. 5% BANDS OF REDDISH BROWN H=6 META SEDS. @ 25.30°</p> <p>ALSO RUSTY COLORED LIMONITIC FAULT SLIPS @ 80° TO C.A. OPPOSITE SENSE.</p> <p>38' - 60' - PURPLISH GREY META GRWK BANDS SPECULARITE BEARING MAKE UP 80% OF ROCK. SOME BANDS HAVE 1-2% FINE PYRITE AND 0.5% QUARTZ CALCITE STRINGERS + ASSOCIATED PYRITE.</p> <p style="text-align: center;">35°</p>
60' - 132'	<p>'LIGHTER GREEN COLORED QUARTZ CHLORITE ± MARIPOSITE / SERICITE SCHIST, WITH REDDISH BROWN, AND TAN BANDS OF H=6 META SEDS? BANDS HAVE UP TO 20% CHLORITE FLAKES, FOLDS @ 10-30° TO C.A.</p> <p>98-118' - PURPLE AND RED-BROWN SILICEOUS KA FELDSPATHIC BANDS UP TO 1" WIDE, BOUQUINATED AND SHATTERED BY "LADDER-TYPE" QUARTZ MICRO STRINGERS 0.5% FINE PYRITE</p> <p>ALSO IRREGULAR PATCHES OF PALE GREEN SERICITE H=5</p> <p>122-127' - YELLOWISH TAN SERICITE BAND FOL; 5% CHLORITE FLAKES</p> <p>127.5-128.5 - LIMONITE FILLED SHEAR ZONE @ 40° TO C.A.</p> <p style="text-align: right;">105-110 - 17082 .002</p>
132 - 196'	<p>REDDISH BROWN TO PURPLISH GREEN MEDIUM TO COARSE GRAINED META GRWKS + ARKOSSES. FELDSPAR, JASPER AND GREEN CHLORITIC FRAGS UP TO 1CM ROUNDED MAKE UP 15% OF ROCK.</p> <p>142-142.5 - JASPER FRAG BRECCIA, QUARTZ CALCITE W 25% ANGULAR FRAGS OF RED JASPER (ICHERT)</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
196-216	GRADATIONAL WEAK FOLD @ 50°? BECOMING PREDOMINANTLY REDDISH BROWN MEDIUM TO COARSE GRAINED H=6. METASEDS, VARIABLY HEMATIZED LOCALLY UP TO 60% DEEP RED JASPER, "SHATTERED" WITH 10% FINE QUARTZ STRINGERS, W 0.5% FINE PYRITE. 50°		
216-236	DARK GREEN SHEARED CHLORITE ± TALC QUARTZ SCHIST, PROBABLY SHEARED CHLORITIC SEDS. BOUDINS OF FELDSPATHIC SEDS (QV), ALSO 1% BANDS OF FINE GRAINED "FELTED" PURPLISH TUFF? ASSOCIATED W INCREASED BIOTITE CONTENT IN HOST ROCK AND 1% PYRITE FOLDS 50°-60° TO C.A. 220-221- CHLORITIC FAULT GOUGE 45° TEST -	225-230 17082 230-234 17084	NIL .002
236-262	CARBONATED DARK GREEN + REDDISH GREEN H=5.5 MEDIUM GRAINED ROCK PROBABLE SEDS BUT POSSIBLY PYRE. UP TO 5% BIOTITE AND . PERVASIVE CARBONATE ALTERATION GIVES ROCK A MOTTLED APPEARANCE WEAKLY MAGNETIC.		
262-294	DARK GREEN TALC, CHLORITE ± QUARTZ SCHIST / AND SOAPSTONE + SILICEOUS H=5.5-6 PALE GREY BANDS (HIGHLY CARBONATED) W UP TO 3% FINE PYRITE @ 278' @ 50° TO C.A. 274-275' FAULT GOUGE @ 35° 293-294 " " @ 30°	275-280 17085 280-285 17086 285-290 17087	.002 .002 .002
294-324	GRADATIONAL PERIDOTITE, OLIVINE PERIDOTITE. BLACK-DK GREEN, H=5-4.5 5% BLACK OLIVINE XLS. UP TO 1/4". PERVASIVELY CARBONATIZED (REACTS STRONGLY W HCL) MODERATELY TO WEAKLY MAGNETIC. 322' REDUCE TO BR		
324-406	PERIDOTITE AND SOAPSTONE: VARIABLY H=5 TO H=4 SOAPSTONE IS WEAKLY FOLIATED @ 5°-20° TO C.A. TR. FINE PYRITE. 1% PINKISH QUARTZ CALCITE VEINS 396-406 BRACIATED, W FRAGS OF PALE COLORED H=4 "SERPENTINIZED" SOAPSTONE.		
406-486	INCREASING SILICIFIED LIGHT GREY PORTIONS IN SOAPSTONE H=6, PYRITIC (UP TO 5% STRINGER PYRITE) THESE BANDS ALSO STRONGLY CALCAROUS (REACT STRONGLY W HCL)	✓ 410-415 17088 ✓ 415-420 17089 ✓ 420-425 17090 ✓ 425-430 17091 ✓ 430-435 17092 ✓ 435-440 17093 ✓ 440-445 17094 ✓ 445-450 17095 450-455 17096 455-460 17097	.002 .005 .005 .020 .065/.070 } .034/16' .015 .005 .015 .002 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
486-	<p>FINE GRAINED SOAPSTONE + PERIDOTITE. H=4-5 (VARIABLE) DARK GREY CALCAREOUS.</p> <p>534-534.5 FAULT GOUGE @ 30° TO C.A.</p> <p>556-592 - PALE COLORED SERPENTINIZED FRAGS AS FROM 396-406.</p> <p>592 - BECOMING INCREASINGLY MORE "MOTTLED" WITH CARBONATE ALTA. REACTS STRONGLY W/ HCL. 5% PINKISH QUARTZ CALCITE VEINS</p> <p>615-616 - FAULT GOUGE</p> <p>630-631 - FAULT GOUGE</p> <p>631-631.5 PALE GREYISH BROWN STRONGLY CARBONATED</p> <p>633-634 (REACTS MILDLY TO HCL) PYRITIC BAND: 5% FAULT GOUGE STRINGER PYRITE.</p> <p>657-658 - PALE GREY, SPECULARITE, PYRITE BEARING BAND @ 35° TO C.A. H=6. SILICEOUS? 10% VERY FINE PYRITE STRONGLY FOLIATED @ 30-35° BUT OVERPRINTED W/ SILICIFICATION.</p> <p>658 - HIGHLY FRACTURED, SERPENTINIZED SOAPSTONE MULTIPLE LOW-ANGLE FAULT GOUGES. FOLDS = 5°-25° TO C.A. BECOMING INCREASINGLY MORE SHEARED @ ~ 25-30° TO C.A.</p> <p>683-686 - FAULT GOUGE @ 25° TO C.A.</p>	<p>631-633 17098 633-638 17099 638-642 17000 642-645 17101 645-650 17102 650-653 17103 653-657 17104 657-658 17105 658-663 17106</p>	<p>NIL .005 .002 .002 .002/NIL .002 .002 .025 NIL</p>
686-	<p>HOLE LOST DUE TO BINDING/CAVING</p>		

DIAMOND DRILL LOG

See additional assays

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE MAY 26 1988 PAGE: 1 OF 3

HOLE NO. N-88-94 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 1166' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE ^{-60° @ COLLAR} -55° @ 766' (ACID TEST) LOCATION: 14+00N 38+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 30'

DRILL TIME: START MAY 24 FINISH MAY 31/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS FOOTAGE MARKERS 10' @ 375'
 MARKERS HAVE NOW BEEN CHANGED FROM 385 TO 375 ETC.



FOOTAGE	DESCRIPTION
0 - 30'	CASING (OVERBURDEN)
30' - 102'	MIXED META SEDS: 50% DARK TO MEDIUM GREEN H=4 CHLORITIC TALCOSE METARGILLITE? W POSSIBLE UM FLOW FRAGS; 45% REDDISH PURPLISH H=6 HEMATIZED FINE TO MEDIUM GRAINED META SANDSTONES W UP TO 1% FINE DISSEM. PYRITE; AND 5% PALE PINKISH QUARTZITE. 450
102 - 158	PALE GREEN H=5-5 QUARTZ CHLORITE SCHIST. 103' - 6" LIMONITE FAULT GOUGE FOLIA 300 - 100 TO C.A. NIL TO TR. PYRITE 120.5' - LIMONITE FILLED FRACTURE @ 60° TO C.A. 133 " " " " 134 " " " " 144-152 " " FRACTURES @ 60° AND 50 TO C.A.
158 - 225	PREDOMINANTLY (90%) PINKISH H=6 FINE TO MEDIUM GRAINED MASSIVE TO WEAKLY FOLIATED META SS/TALCOSE TR FINE PYRITE 182' - LIMONITE STAINED FRACTURE 6" @ 85° TO C.A. 45
225 - 290'	DEEP REDDISH BROWN JASPER STAINED FINE GRAINED H=6 META SEDS. 10% WHITE QUARTZ VEINS WITH RIP-UP ANGULAR CLASTS OF HOST ROCK (JASPER-RICH META SEDS) UP TO 1" STOCK-WORK TYPE QV" 274-290' - 30% BANDS OF FINE GRAINED ARGILLITE. (H=5.5) 35
0 - 305	PURPLEY GREY MEDIUM GRAINED SPECULARITE BEARING META SS / GRWK. UP TO 10% FINE DISS PY.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
305-355	CHLORITE, TALC ± QUARTZ SCHIST HIGHLY CONTORTED, BOUDINS OF QUARTZ, AND PURPLISH FINE GRAINED SPECULARITE BEARING F 324-336 FAULT GOUGE W QUARTZ VEINING CHLORITIC W LOCAL HEMATITIC BANDS. 336-355 - INCREASING QUARTZ CONTENT AND INCREASING COMPETENCE.		
355-393	QUARTZ CHLORITE SCHIST. HIGHLY CONTORTED, FOLIATION GENERALLY 10°-30° H=5.5 NIL TO TRACE PYRITE * 5% BANDS OF RED BROWN, H=6 SCHIST (META SS) NIL TO TRACE PYRITE * 393'-396' 2% OF ROCK COMPOSED OF NARROW (1/4") GREYISH PYRITIC STRINGERS PARALLEL TO CONTORTED FOLN	393-396' 17107	NIL
393-731	EMERALD GREEN QUARTZ CHLORITE / MARIPOSITE SCHIST WITH INTERBANDED HEMATIZED REDDISH BROWN COARSE GRAINED META SS. FOLN = 0-30° W KINK 406-427.2 REDDISH BROWN META SS AS ABOVE BANDS 445-447) 451-458) MASSIVE 462-473) - 1-2% BANDS OF "SEDIMENTARY-TYPE" PYRITE 511-516' SERICITE BANDS/STRINGERS UP TO 15% IN PURPLISH RED H=6 META SED 543' - FRAGS? OF UM FLOW TEXTURED MATERIAL PERHAPS JUST LESS FOLIATED SECTION? 574'-585' REDDISH BROWN TO DEEP PURPLE FINE GRAINED H=6.6 ALMOST CHERTY META SED. WEAKLY MAGNETI 1-2% FINE DISSEM. AND STRINGER PYRITE 635- FOLN LOCALLY CHANGING TO 80° TO C.A. 695-697 - DARKER GREEN (INCREASED CHL CONTENT) MORE SHEARED TOWARD SHEAR ZONE @ 696' H=5 697'-709' - ORANGY BROWN H=6 COARSE GRAINED META SED 5-10% SUBROUNDED FELDSPAR AND JASPER FRAGS 711-726 - " " " "	462-466 17108 466-470 17109 470-473 17110 570-574 71496 574-578 17111 578-582 17112 582-585 17113 595-598 71497 590-595 71498	.002 .002 .002 NIL .045/.045 .01 .095/.095 .065/.080 .002/.002 NIL
731-779	INCREASINGLY MORE SHEARED CHLORITE ± QUARTZ SCHIST BXPARK GREEN. OLN = 5-55° TO C.A. H=4.5 * 771 - HIGHLY CONTORTED CHLORITE ± TALC ± QUARTZ CHR SCHIST W BROWN CARBONATE PYRITE BANDS REACTS STRONGLY W HCL. H=5.5 SILICIFIED? ROCK HAS TOTAL OF 5% FINE PYRITE 35"	745-750 17114 750-755 17115 755-760 17116 760-765 17117 765-768 17118 768-771 17114 771-774 17120 774-777 17121 777-780 17122	NIL NIL .002 .002 NIL .005 .002 .002 NIL

0.043
11

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
779-786'	FAULT GOUGE @ 35-40° TO C.A.		
786-1037	SOAPSTONE: DARK GREY TO BLACK H=4, FOLIATED PROBABLY ALTERED FROM UM FLOWS (LOCAL PATCHES OF SPINIFEX TEXTURE IN SOAPSTONE) MULTIPLE FAULT GOUGES @ 30° 786-788 - H=5 GREY BROWN CALCAREOUS MAFIC DYKE? FOL ⁿ @ 40° - 1% PYRITE. 817-837 - CALCAREOUS, H=5.5 GREY BROWN SILICIFIED PYRITIC (1-2% DISS PYRITE) FOLIATED, LOCALLY BRECCIATED (ALTERED SOAPSTONE) 837-844' - QUARTZ CALCITE VEINING W ASSOCIATED 1-2% PYRITE 1-2% SERICITE WISPS IN SOAPSTONE 835-836 - QUARTZ CALCITE VEIN 844-922 - BANDS OF H=5, BROWNISH MATERIAL W UP TO 2% FINE PYRITE STILL EXIST IN SOAPSTONE 865-867 - FAULT GOUGE 893-894 PYRITIC H=5 CALCAREOUS BAND AS ABOVE TEST ASSAY 922-1037 SOAPSTONE AND H=5 CALCAREOUS UM FLOWS/ PERIDOTITE. 1024' FAULT GOUGE	780-785 17123 785-790 17124 790-795 17125 795-800 17126 800-805 17127 805-810 17128 810-815 17129 815-820 17130 820-825 17131 825-830 17132 830-835 17133 835-840 17134 840-844 17135 893-895' 17136 1025-1030 17137 1030-1035 17138 1035-1037 17139	NIL NIL NIL/NIL NIL NIL .002 .002 .002 .002 .002 .002 .002 .002 .002 .010 .010 .002
1037-1038	PALE PURPLE H=6 FINE GRAINED FOLIATED MATERIAL W 2% FINE PYRITE, SILICEOUS. 50		
1038-1071	DULL EMERALD GREEN FINE GRAINED H=5 UM FLOW ROCK. SPINIFEX AND OTHER FLOW TEXTURES 45° 2' FAULT ZONE 1071-1074'	1038-1042 17140	.002
1071-1111	YELLOWISH GREEN SERICITE MARIPOSITE ALTERED UM FLOW. / SERICITE MARIPOSITE QUARTZ SCHIST 45°		
1111-1166	EMERALD GREEN MARIPOSITE ALTERED UM FLOW * 15% BUFF COLORED BANDS W 10% MARIPOSITE FLAKES 1123-1124 - GREY-BUFF SERICITIC PYRITIC BAND @ 40° 1148-1153 - SED BANDS. MEDIUM GRAINED MEDIUM BROWN H=5 HEMATITIC - <1% FINE PYRITE.	1120-1123 17141 1123-1124 17142 1124-1128 17143 1128-1135 17149 1135-1140 17200 1140-1145 17401 1145-1150 17402 1150-1155 17403 1155-1160 17404 1160-1166 17405	NIL NIL NIL NIL .002 .005 .005 .002 .002 .002
1166'	1166' - HOLE ABANDONED DUE TO CAVING @ 760'-800'		

See Additional Assays June 88

PROPERTY NEWFIELD

HOLE NO. N-88-94

PAGE: ^{FILE-IN} ASSAY OF

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
844-		844-849 326	NIL
		849-853 327	NIL
		853-858 328	.002
		858-862 329	.065/.060
		862-865 330	.005
		865-870 331	NIL
		870-875 332	NIL
		875-880 333	NIL
		880-885 334	.002
		885-890 335	.002
		890-893 336	.002
		895-900 337	NIL
		900-905 338	.002
		905-910 339	.002
		910-915 340	NIL
		915-920 341	.002
		920-925 342	.002/.002
		925-930 343	NIL
		930-935 344	NIL
		935-940 345	NIL
		940-945 346	NIL
		945-950 347	.002
		950-955 348	.002
		955-960 349	.002
		960-965 350	NIL
		965-970 351	NIL
		970-975 352	NIL
		975-980 353	NIL
		980-985 354	NIL
		985-990 355	NIL/NIL
		990-995 356	NIL
		995-1000 357	NIL
		1000-1005 358	NIL
		1005-1010 359	.002
		1010-1015 360	NIL
		1015-1020 361	NIL
		1020-1025 362	.002

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JUNE 2/88 PAGE: 1 OF 5

HOLE NO. N-88-95 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 1636' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -60° COLLAR LOCATION: 14+00 N ; 39+00 W
-60° @ 826'; -42° @ 1326'

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 34'

DRILL TIME: START MAY 31/88 FINISH JUNE 10/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS PHILLIPON DRILLING



FOOTAGE	DESCRIPTION																																		
0 - 34'	GRE OVERBURDEN (CASING)																																		
34' - 203	GREENISH, PURPLISH GREY AND REDDISH MEDIUM GRAINED META SEDS. MODERATELY MAGNETIC. UP TO 1% FINE V.S.S. PY. HEMATITIC																																		
203 - 279	HIGHLY CONTORTED CHLORITE TALC QUARTZ SCHIST, WITH BRECCIATED BANDS AND FRAGS OF REDDISH H=6 META SEDS AS ABOVE. PROBABLY INCREASING SHEARING TOWARDS SHEAR ZONE/FAULT CHLORITIC FAULT GOUGES @ 219'-220', 245-246 (HEMATITIC) 270-	<table style="font-size: small;"> <tr><td>215-220</td><td>17406</td><td>NIL</td></tr> <tr><td>220-225</td><td>17407</td><td>.002</td></tr> <tr><td>225-230</td><td>17409</td><td>.040/.095/.095/.050</td></tr> <tr><td>230-235</td><td>17409</td><td>NIL</td></tr> <tr><td>235-240</td><td>17410</td><td>NIL</td></tr> <tr><td>240-245</td><td>17411</td><td>NIL</td></tr> <tr><td>245-250</td><td>17412</td><td>.002</td></tr> <tr><td>250-255</td><td>17413</td><td>NIL</td></tr> <tr><td>255-260</td><td>17414</td><td>.002</td></tr> <tr><td>260-265</td><td>17415</td><td>.002/NIL</td></tr> <tr><td>265-270</td><td>17416</td><td>NIL</td></tr> </table>	215-220	17406	NIL	220-225	17407	.002	225-230	17409	.040/.095/.095/.050	230-235	17409	NIL	235-240	17410	NIL	240-245	17411	NIL	245-250	17412	.002	250-255	17413	NIL	255-260	17414	.002	260-265	17415	.002/NIL	265-270	17416	NIL
215-220	17406	NIL																																	
220-225	17407	.002																																	
225-230	17409	.040/.095/.095/.050																																	
230-235	17409	NIL																																	
235-240	17410	NIL																																	
240-245	17411	NIL																																	
245-250	17412	.002																																	
250-255	17413	NIL																																	
255-260	17414	.002																																	
260-265	17415	.002/NIL																																	
265-270	17416	NIL																																	
F	LOCALLY, PYRITE STRINGERS MAKE UP 2% OF ROCK																																		
F	270-279' - FAULT GOUGE W/ QV AND META SED FRAGS <u>angle?</u>																																		
279 - 356.5	HIGHLY CONTORTED, DULL GREEN QUARTZ CHLORITE ± MARIPPOSITE SCHIST, H=5 W 2% BANDS OF RED-BROWN H=6 META SED (SS) NIL TO TR PYRITE FOLDS WAVY, LINK BANDED; FOLDS @ 5°-45° TO C.A.																																		
356.5 - 402	HIGHLY CONTORTED TALC ± CHLORITE ± QUARTZ SCHIST FOLDS WAVY 5°-15° TO C.A. BOUDINS OF QUARTZ, FELDSPAR AND SS. GRWK TYPE SEDS, SOME GRWK BANDS HAVE UP TO 1% FINE PYRITE, HEMATITIC. 150																																		
402 - 958	DULL GREEN CHLORITE, QUARTZ ± MARIPPOSITE SCHIST AS FROM 279-356.5 - W RED BROWN META SS BANDS AND BUFF COLORED BOUDINS OF (ALTERED META SEDS) FOLDS VARIABLE, 0°-40° TO C.A. FOLDS @ 420' = 0° @ 440' = 35° @ 475' = 10°																																		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
402' - 558'	<p>(CONT'D)</p> <p>300</p> <p>486.5 - 499 - REDDISH BROWN H=6 MASSIVE, FINE-GRAINED TO MEDIUM GRAINED META SS, 0.5% FINE DISS. PYRITE 300</p> <p>509' - 515' - META SS BAND AS ABOVE @ 30° TO C.A</p> <p>521' - 526' - META SS BAND W INCREASED SERICITE CONTENT</p> <p>521' - 558' - GENERAL INCREASE IN SERICITE CONTENT IN SCHIST AND IN META SS BANDS GRADATIONAL ~ 30°</p>		
558 - 620'	<p>DARK GREEN CHLORITE SERICITE QUARTZ SCHIST H=5-4.5 HIGHLY CONORTED, DRAG FOLDED, W BANDS OF H=6 RED HEMATITE STAINED META SS. (MASSIVE TO WEAKLY FOLIATED)</p> <p>562' - LOW CORE ANGLE FRACTURE</p> <p>564' - 570' - HEMATITIC META SS AS ABOVE (SYENITE?)</p> <p>579' - 580' - CHLORITIC FAULT GOUGE W REDDISH SS TYPE MATERIAL RIPPED-UP INTO FAULT.</p> <p>580' - 597' - RED HEMATITIC H=6 MATERIAL AS DESCRIBED ABOVE. COARSE GRAINED (PORPHYRITIC?) OR POSSIBLE FELDSPAR FRAGS. UP TO 2MM SPECULARITE RICH STRINGERS MAKE UP 2% OF ROCK. 45°</p> <p>610' - FOLDS = 55° TO C.A 550</p>		
620 - 735	<p>EMERALD GREEN H=5.5 QUARTZ MARIPOSITE SCHIST CONORTED, W BOUDINS AND BANDS OF BUFF, FOLDS (META SS?) LOCALLY GRADING TO PINKISH.</p> <p>REDDISH BROWN NIL TO TR PYRITE</p> <p>656-657 - FAULT GOUGE @ 25° 45°</p>		
735 - 792	<p>DULL GREEN H=5 CHLORITE QUARTZ SCHIST W FLOW TEXTURED U.M. FRAGS. W PURPLE BROWN COLORED H=6 FOLIATED META SS.</p> <p>764-766 ? QUARTZ VEINING W HEMATITE STAIN; QV ~ 1.5um</p> <p>772-774 } ORIENTATION INDETERMINABLE</p> <p>788-792' - PURPLISH BROWNISH GREY CARBONATED FOLIATED META SEDS 1% FINE PYRITE 350</p>		
792 - 799	<p>DEEP RED HEMATIZED H=6 ROCK AS FROM 564-570' W UP TO 2% DISSEMINATED AND STRINGER PYRITE AND 5% STRINGER SPECULARITE. META SS? 40°</p>	<p>792-797 17417</p> <p>797-799 17418</p>	<p>.002</p> <p>NIL</p>
799 - 802	<p>BROWNISH GREENISH GREY FOLIATED META SEDS AS FROM 788-792 - 3% FINE PYRITE 450</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
802-87 F	<p>TALC CHLORITE ± QUARTZ, CARB. SCHIST, SOAPSTONE</p> <p>802-810' - QUARTZ, CALCITE VEINING IN TALC CHL. SCHIST: BECOMING INCREASINGLY MORE SHEARED →</p> <p>810-816' - CHLORITIC, TALCOSE FAULT GOUGE</p> <p>816-820' - GREY, H= S.S SILICEOUS, CARBONATED (REACTS W HCL) ALTERATION. W 1% FINE DISS. PY PROBABLY ALTERATION OF SOAPSTONE</p> <p>820-826' - QUARTZ CARB. ^{CHLORITE} BRECCIA. PROBABLY BRECCIATED BAND OF METASEDS.</p> <p>826-876' - QUARTZ, CARBONATE ALTERED SOAPSTONE? CALCAREOUS (REACTS W HCL) LIGHT GREY, H= S.S MEDIUM GRAINED. COMPOSED OF SUB ROUNDED TO SUB ANGULAR FRAGS OF SILICEOUS MATERIAL IN TALCOSE MATRIX. ALSO ~ 2-3% SERICITE STRINGERS SUB PARALLEL TO C.A. FOLD WAVY 025° TO C.A. 1-2% PYRITE THROUGHOUT LOCALLY SOAPSTONE BANDS ARE UNSILICIFIED? AND ARE BLACK. H=4</p>	<p>799-802 17419</p> <p>802-805 17420</p> <p>805-810 17421</p> <p>810-816 17422</p> <p>816-820 17423</p> <p>820-825 17424</p> <p>825-830 17425</p> <p>830-835 17426</p> <p>835-840 17427</p> <p>840-845 17428</p> <p>845-850 17429</p> <p>850-855 17430</p> <p>855-860 17431</p> <p>860-865 17432</p> <p>865-870 17433</p> <p>870-876 17434</p> <p>876-880 17435</p>	<p>.002</p> <p>.002</p> <p>NIL</p> <p>.005/.005</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>.005</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.005/.002</p> <p>.002</p> <p>NIL</p>
876-1072	<p>----- 30° 6" FAULT GOUGE</p> <p>SOAPSTONE: BLACK, H=4 FOLIATED (SNEARED)</p> <p>MULTIPLE FAULT GOUGES. 3% QUARTZ, CALCITE STRINGERS</p> <p>FAULT GOUGES @ 30° TO C.A. 30°</p> <p>907-910 DARK GREY, FINE GRAINED, H= S.S LAMPROPHYRE DYKE.</p> <p>* 902-903 - PINKISH GREY BANDS OF H= S.S SILICEOUS CALCAROUS MATERIAL W 1-2% FINE PYRITE</p> <p>917-980 SOAPSTONE AND PERIDOTITE: BANDS OF COARSE TO MEDIUM GRAINED H=5 PERIDOTITE (CALCAROUS) AND BANDS OF H=4 FINE GRAINED SOAPSTONE BANDS @ 30-40° TO C.A. ALL MODERATELY MAGNETIC</p> <p>980 1072. PREDOMINANTLY MEDIUM TO COARSE GRAINED H=5 PERIDOTITE. CLUSTERS OF BLACK OLIVINE KLS. STILL STRONGLY CALCAROUS. (REACTS W HCL)</p> <p>992-993. CALCITE STRINGER @ 0° TO C.A. 1/2" WIDE</p>	<p>900-905 17436</p> <p>905-910 17437</p> <p>910-915 17438</p> <p>915-920 17439</p> <p>920-925 17440</p> <p>925-930 17441</p> <p>930-935 17442</p>	<p>.005/.005</p> <p>.005</p> <p>.020</p> <p>.020</p> <p>NIL</p> <p>.002</p> <p>.002</p>
1072-1076	<p>40° PINKISH QUARTZ CALCITE VEIN</p> <p>GREY BROWN, COARSE GRAINED, H= S.S ROCK POSSIBLY ALTERED (W ANKERITE?) EQUIVALENT OF ADJACENT ROCK. (BELOW) 2% MEDIUM GRAINED PYRITE.</p> <p>50° QUARTZ VEINING @ CONTACT</p>	<p>1070-1072 17443</p> <p>1072-1076 17444</p> <p>1076-1080 17445</p>	<p>.002</p> <p>.005</p> <p>NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1076' - 1144	DULL BUT PALE GREEN CHLORITE ± MARIPOSITE ALTERED FLOW TEXTURED FOLIATED UM FLOWS. GOOD SPIN-IFEX AND CUMULATE TEXTURES HARDNESS IS VARIABLE: FROM H= 4-5-5 IN DARKER GREEN CHLORITIC BANDS AND H= 5-5 IN BUFF-YELLOWISH BANDS. 1086-1087 - 1-2% QUARTZ VEINLETS (GREY) W/ ASSOCIATED 1% FINE PYRITE. 1120-1134 - FAULT RUBBLE + FAULT GOUGE IN SERICITIC UM FLOW ROCK 1134-1144 - YELLOWISH-BUFF DYKE? H=5.5 WEAKLY FOLIATED, W/ 20% MARIPOSITE ± CHLORITE FLAKES. 30°	1080-1085 17446 1085-1090 17447 1090-1095 17448 1095-1100 17449 1100-1105 17450 1105-1110 17451 1110-1115 17452 1115-1120 17453	NIL NIL NIL NIL NIL .002 .002
1144' - 1238	GRADING INTO EMERALD GREEN MARIPOSITE ± CHLORITE ALTERED UM FLOWS AND UM SCHIST W/ 5% BUFF BANDS W/ CHLORITE/MARIPOSITE FLAKES. 2-3% GREY, SILICEOUS ± SERICITIC BANDS AND STRINGERS UP TO ". SOME BANDS W/ UP TO 3% FINE PYRITE 1187-1198 - YELLOW/BUFF BAND DYKE? @ 5° TO C.A. WAVY CONTACT 1200-1238 - ROCK BECOMING MORE SCHISTOSE, W/ SS BANDS 1201, 1202, 1204-1206 - GREYBN SERICITIC SILICEOUS? BANDS AS DESCRIBED ABOVE 1230-1238 - 5% REDDISH HEMATITE? H=6 BANDS, HIGHLY CONTORTED, PROBABLY META SS. 40°	1170-1175 17454 1175-1180 17455 1180-1185 17456 1185-1190 17457 1190-1195 17458 1195-1200 17459 1200-1205 17460 1205-1210 17461 1210-1215 17462 1215-1220 17463 1220-1225 17464 1225-1230 17465	NIL .002 NIL .002 .005/.005 .002 NIL NIL .005 NIL .002 .005
1238 - 1250	REDDISH BROWN H=6 MEDIUM GRAINED META SS. ? 65°	1230-1235 17466 1235-1240 17467 1240-1245 17468 1245-1250 17469	.002 .002 .005 .002
1250 - 1329.5	DULL GREEN CHLORITE ± QUARTZ SCHIST 1255' - PURPLISH FELTED FINE SERICITIC ± QUARTZ 1264' - FOLY = 15° TO C.A. 1274-1278' - FAULT GOUGE @ 50° 1289-1290' - PURPLE COARSE GRAINED H=6 QUARTZ VEINED (STOCKWORK) BAND W/ 5% DISS. P. + STRINGER PY. 1291 - GREY BROWN SERICITIC SILICEOUS BAND W/ 2% PYRITE 2" @ 45° TO C.A. 1301-1302' - QUARTZ VEINING 1302 - 1305.5 - GREYISH FINE GRAINED H=5 ROCK CARBONATE, QUARTZ, UP TO 10% FINE PYRITE " SYENITE TRACHYTE APPEARANCE, POSSIBLE THOLEIITIC FLOW	1250-1255 17470 1255-1260 17471 1260-1265 17472 1265-1270 17473 1270-1275 17474 1275-1280 17475 1280-1285 17476 1285-1290 17477 1290-1295 17478 1295-1300 17479 1300-1302 17480 1302-1305.5 17481 1305.5-1310 17482	.002 .010 .010 .005 .002 .005 .005 .010/.005 .005 .010 .010 .010 .010

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 9/88 PAGE: 1 OF 6

HOLE NO. N-88-80 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 1325 FT DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 639.76' @ 55° 1315.61' @ 54° LOCATION: 14N 28100W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 154.2 (CONVERTED FROM METRIC)

DRILL TIME: START APRIL 6/88 FINISH APRIL 13 MECHANICAL TIME _____


MISCELLANEOUS PROBLEMS BRADLEY BROS. DRILLING



FOOTAGE	DESCRIPTION
0-154	OVERBURDEN
154 - 239'	DEEP PURPLISH BROWNISH GREYISH HEMATIZED H=6 SS TYPE SEDIMENT, 1-2% SPECULARITE, FINE TO MEDIUM GRAINED. FRACTURED (IRREGULAR PATTERN) LOCALLY UP TO 2% FINE DISSEMINATED PY. LOCALLY UGGY AND RUSTY COLORED QUARTZ VEINING ROCK IS MODERATLY MAGNETIC. 183' LIMONITE FILLED FAULT GOUGE 3" @ 350 + 5% SPEC. 159' - PINKISH QUARTZ CALCITE CHLORITE VEINS 1" @ WITH ASSOCIATED QUARTZ BRECCIA IN ADJACENT WALL ROCK 238' - 239' - ROCK BECOMING MORE REDDISH (HEMATIZED?)
239 - 253'	250 FAULT BRECCIA + PINKISH QUARTZ CARB STRINDERS DARK GREY (SLIGHT PINK TINGE) MASSIVE MEDIUM GRAINED MAGNETIC CALCAREOUS H=5 ROCK POSSIBLE MAFIC DYKE 242-243.5 PINKISH QUARTZ CALCITE VEIN 250
253 - 260	LIGHT REDDISH BROWNISH GREY META QUARTZITE OR SILICIFIED SS. H=6 FINE GRAINED WITH REDDISH HEMATITIC FRACTURES
260 - 287	GRADATIONAL PURPLISH GREENISH GREY FRACTURED H=6-SS META SEDS. VERY HOMOGENEOUS FINE GRAINED
287 - 312	TRANSITION ZONE: BANDS OF GREEN FINE GRAINED H=6-SS ARGILLACEOUS META SEDS; GREENISH H=5-4.5 QUARTZ CHLORITE SCHIST W QUARTZ BOVDINS FOLN @ 45° -35° TO C.A.; AND REDDISH BROWN PYRITIC H=6 META SS. 300' - 306' PYRITIC BANDS IN RED BROWN META SED 306' - 312' QUARTZ CHLORITE SCHIST 350 FAULT GOUGE

300-304	- 4396	.002
304-306	- 72888	.002/.002
306-312	72889	.002
312-316	72890	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
312 - 341	FINE TO VERY FINE GRAINED REDDISH GREENISH GREY H=6 META SILTSTONES + ARGILLITES. POSSIBLE WEEK BEDDING @ 250 TO C.A.		
341 - 351	339-341 - ROUNDED BRECCIA FRAGS UP TO 1cm X 4mm GRADATIONAL 30° 343 - SEVERAL LIGHT GREY PYRITIC BANDS CHECK - FAULT GOUGE IN MEDIUM TO DARK GREEN CHLORITE QUARTZ SCHIST, 344-345 - BLOCK OF RED BROWN H=6 METASED 350	341-344 72891 344-349 72892 349-351 72893	NIL NIL NIL
351-355	MORE MASSIVE H=4 DARK GREEN CHLORITIC TER. UM FLOW. 300		
355 - 373'	QUARTZ CHLORITE SCHIST AS ABOVE PYRITE W SPECULARITE 1% TOTAL. FOLD @ 25°-35° VARY. 40° 360.5 - 367' - REDDISH GREENISH GREY H=6 META SEDS. (PROBABLY BLOCK RIPPED-UP INTO CHLORITIC SCHIST DURING DEFORMATION.) 369' - FOLD DISTORTED .45° - 40°		
373' - 442	METASEDIMENTS: GREENISH, REDDISH BROWN, PURPLISH GREY. H=6 FINE GRAINED TO MEDIUM GRAINED SANDSTONES NIL TO 0.5% PY. LOCALLY UP TO 1% PY IN STRINGERS. VUGGY, RUSTY COLORED LIMONITIC QUARTZ VEINS, @ RANDOM ORIENTATION (PREDOMINANTLY LOW ANGLE) 40° 429-432' - MEDIUM GREEN H=5.5 CHLORITE QUARTZ ROCK W POSSIBLE UM FLOW TEXTURES. + BOUDINS OF QUARTZ, LOWER CONTACT VUGGY + LIM. STAINED 432-442 - REDDISH BROWN FINE TO MED GR. H=6 SS TYPE META SEDS LOCALLY UP TO 3% FINE DISS. PY. GRADATIONAL ~450		
442 - 460'	REDDISH BROWN AND GREENISH COARSE GRAINED META SEDS; AND CONTORTED QUARTZ CHLORITE SCHIST, OCCUPYING FAULT ZONE (BROKEN + FRACTURED CORE). 40°		
460 - 474	GREENISH BROWN FINE GRAINED H=6 META SEDS TR. SPEC. AND 1% VERY FINE DISS PY. GRADATIONAL PINKISH RED H=6 MEDIUM GRAINED "GRANULAR" META SS. / QUARTZITE POSSIBLE WEEK FOLIATION @ 300 TO C.A. 0.5% FINE DISS. PY. 483-484' - VUGGY LIMONITE STAINED QUARTZ VEINED FRACTURE ZONE		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p style="text-align: center;">40-450</p> <p>532'-535' - BUFF TO TAN (W/EMERALD GREEN BLEBS) QUARTZ SERICITE MARIPOSITE SCHIST. 35% MARIP OSITE FLAKES H=5.5 FOLD @ 40°</p> <hr/> <p>541'-545' - QUARTZ MARIPOSITE SERICITE SCHIST AS ABOVE</p> <hr/> <p>548'-551' - INCREASED SPECULARITE CONTENT. 2-3% 577' - ROCK IS LOCALLY (INCREASINGLY SO) A PALE YELLOWISH GREEN COLOR (CHLORITE BANDS WHERE HARDNESS DECREASES TO 5.0 FOLD @ 612' = 15° @ 620' = 0-15° @ 625' = FOLD CLOSURE ~ 10° TO C.A. </p> <p>635' - FOLD = 0-5° 656'-666' - CHERT HEMATITE FRAGS: ANGULAR, BLACK, 10% OF ROCK. IN VERY FINE GRAINED PALE GREEN H=5 673' - PATCH OF UP TO 5% FINE DISS. PY.</p> <hr/> <p style="text-align: center;">20°</p>	<p>671-675 72894</p>	<p>NIL</p>
<p>680-779</p> <p>F</p>	<p>GREENISH AND PALE PINKISH BROWN H=6 META SEDS FINE GRAINED, VARIABLY HEMATITIC (BLACK/PURPLE BANDS AND PATCHES MAKE UP ~ 5% OF ROCK (SPEC)) LOCALLY UP TO 10% FINE DISS PY. 682-685' - DARK GREEN CHLORITIC FRACTURES + FAULT GOUGE 745-756' FAULT ZONE (BROKEN CORE) @ 0-5° TO C.A. FILLED WITH CHLORITIC H=5 QUARTZ BOUDIN SCHIST. ALSO YELLOWISH GREEN SERICITE WISPS POSSIBLY UM FLOW.</p> <hr/> <p style="text-align: center;">B 300</p>	<p>774-779 72895</p>	<p>NIL</p>
<p>779-820</p> <p>F</p>	<p>HEMATITIC MAGNETIC LOCALLY PYRITIC DEEP REDDISH GREEN H=6-5.5 ROCK. IRON FORMATION? SEVERAL BANDS OF "SEDIMENTARY TYPE PY" @ 805' PERVASIVE CALCITE ALTHO FIZZES STRONGLY W/ HCL. 808-870 - HIGHLY FRACTURED AND BROKEN CORE 814'-819' - MEDIUM GREEN CHLORITE QUARTZ SCHIST CONTORTED 819-820 - HEMATITIC BANDS, QUARTZ BANDS IN STRONGLY SHEARED ROCK ADJACENT TO CHLORITIC FAULT GOUGE @ 35°</p> <hr/> <p style="text-align: center;">35°</p>	<p>779-784 72896 784-789 72897 789-794 72898 794-799 72899 799-804 72900 804-808 72901 808-814 72902 814-819 72903 819-820 72904 820-826 72905</p>	<p>NIL NIL .002 NIL NIL NIL NIL .002/.002 NIL NIL NIL</p>
<p>820-840</p>	<p>BRECCIATED HEMATITIC STRONGLY MAGNETIC PERIDOTITE? H=5 PINKISH QUARTZ CALCITE STOCKWORK TYPE (RANDOMLY ORIENTED) - STRINGERS BRECCIATED ROCK</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
870-873'	<p style="text-align: center;">300</p> <p>HIGHLY SHATTERED ORANGY BROWN, FELDSPATHIC, QUARTZ VEINED, H=6 SEDIMENT?</p>		
873'-921	<p style="text-align: center;">200</p> <p>CONTORTED QUARTZ CHLORITE SCHIST, DARK TO MED. GREEN H=5 SOME FAULT GOUGE 0-10°. FOLN WAVY + CONTORTED; PREDOMINANTLY 0-10° KINK BANDING @ 50° TO C.A. OPPOSITE SENSE</p> <p>899- ROCK BECOMING MORE DULL EMERALD GREEN H=5.5 QUARTZ CHL ± MAR. SCHIST. LOCALY PATCHES OF UM FLOW TEXTURE.</p> <p>- IRREGULARLY ORIENTED PINKISH (HEMATITIC?) QUARTZ VEINLETS AND ASSOCIATED SERICITE ALT. LOCALY UP TO 2% FINE DISS. PY; MOSTLY IN DARK BROWNISH GREEN AREAS OF MOST INTENSE SERICITIZATION</p> <p>914-918' - SERICITIZED SYENITE DYKE? REDDISH BROWN LOWER CONTACT @ 30° TR PY</p>	<p>880-885 72906 885-890 72907 890-895...72908 895-899 72909 899-904 72910 904-909 72911 909-914...72912 914-918 72913 918-921 72914</p>	<p>.002 NIL NIL .002 .002 NIL .002 .002 NIL</p>
921-980	<p>PINKISH. H=6-5.5 FINE TO MEDIUM GRAINED ARKOSIC HEMATIZED METASEDS? AND CHLORITE QUARTZ SCHISTS. PROBABLY ELSEWHERE HAS BEEN DESCRIBED AS FOLIATED SYENITE. ROCK IS PERVASIVELY FRACTURED WITH A SET OF VERY FINE BLACK CHLORITE, SPECULARITE, PYRITE BEARING MICRO FRACTURES @ 45° TO C.A., FOLN = 450-35° TO C.A. OPPOSITE SENSE. 1-2% SUBROUNDED JASPER FRAGS. CHLORITE QUARTZ SCHIST IS HIGHLY CONTORTED, KINK BANDED W 10% SERICITE WISPS AGAIN W UP TO 2% FINE PYRITE.</p> <p>965-965.5 - BRECCIA: ANGULAR AND SUB ANGULAR FRAGS UP TO 1CM IN CHLORITIC MATRIX. PROBABLY RIPUP BRECCIA (LATE.)</p>	<p>921-925...72915 925-930 72916 930-935.72917 935-940 72918 940-945 72919 945-950 72920 950-955...72921 955-960 72922 960-965.72923 965-970 72924 970-975 72925 975-980 72926 980-985 72927</p>	<p>.005 .010/.010 NIL .010 NIL NIL NIL .015 .025 .025 .005 .002 .005 .010 .025 .040 .040 .015 NIL .002 NIL NIL .002</p>
980-1006	<p>- LIGHT BROWNISH GREY (TAN-GREY) SILICEOUS PYRITIC BANDS UP TO 2 ST TRUE WIDTH IN DARK GREEN CHLORITIC (W YELLOWY SERICITE WISPS) MATRIX TAN GREY MATERIAL IS PROBABLY SILICIFIED EQUIVALENT OF PINKISH ARKOSIC SEDS DESCRIBED ABOVE. PYRITE FORMS BANDS OF UP TO 40% PYRITE FOR A TOTAL PYRITE CONTENT OF ~10%.</p> <p>995-997' - DARK GREEN CHLORITE TALC SCHIST. 1-2% PY</p> <p>997-1006' - BRECCIA OF UP TO 3" ANGULAR PINKISH AND TAN-GREY PYRITIC FELSITE FRAGS IN CHLORITIC MATRIX. FOLN @ 1000' = 55° TO C.A.</p>	<p>985-990...72928 990-995 72929 995-1000 72930 1000-1006.72931 1006-1010 72932 1010-1015...72933 1015-1020 72934 1020-1025 72935</p>	<p>.025 .040 .040 .015 .002 NIL .002 NIL NIL .002</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1006-1025	30° MED. GREEN CHLORITE TALC QUARTZ ISER SCHIST. (CONTORTED) AND FLOW TEXTURED UM. 1% FINE DISS PY + IN STRINGERS. FOLD = 25°-35° TO C.A. 1014'-1015' - 10% SERICITE STRINGERS AND 3% PY IN STRINGERS.		
1025-1055	45° PINKISH FINE TO MEDIUM GRAINED STRONGLY FOLIATED (@ 45°) ARKOSIC METASEDs AS FROM 921-980' 2% FINE DISS PYRITE AND MEDIUM GREEN CHLORITE QUARTZ SCHIST FO'	1025-1030 72936 1030-1035 72937 1036'-1040 72938 1040-1045 72939 1045-1050 72940 1050-1055 72941	NIL .002 NIL .002 .002 .002
1055-1090	45° DARK GREEN TALC CHLORITE QUARTZ SCHIST. H=4.5 (THINLY FOLIATED.) AND MINOR UM FLOW TEXTURED ROCK. 1062'-1063' - PURPLISH GREY MASSIVE SY DYKE? STRONGLY HEMATITIC 3% SPECULARITE H=5.5 2% DISS PY. UPPER CONTACT 30° LOWER CONTACT 35° OPPOSITE SENSE. 1071-1072 - THIN (4mm) GREY SPECULARITE BEARING PYRITIC BANDS @ 45° 1073-1077 - MASSIVE H=6 PURPLE FINE GRAINED SYENITE 2% DISSEM. + STRINGER PY. CHLORITE FRACTURES HEMATITE STAINED QUARTZ STRINGERS AND JASPER FRAGS 0.5% 1077-1090 ROCK BECOMING INCREASINGLY MORE CONTORTED AND SHEARED TOWARD FAULT ZONE	1060-1065 72942 1065-1070 72944 1070-1073 72945 1073-1077 72946 1077-1080 72947 1080-1085 72948 1085-1090 72949	NIL NIL .002 NIL NIL/.002 NIL NIL .002
1090-1105	40° MULTIPLE FAULT GOUGES AND BRECCIAS WITH FRAGS UP TO 6" OF QUARTZ VEIN MAT'L, RED BROWN SYENITE OR ARKOSIC SEDIMENT	1090-1095 72950 1095-1099 72951	NIL .002
1105-1152	35° GRADATIONAL ULTRAMAFIC FLOW BRECCIA: SUB ROUNDED FRAGS OF UM FLOW UP TO 4" IN DARK GREEN CHLORITIC (TALC) MATRIX. PERVASIVE CALCITE (REACTS STRONGLY W HCL) MED GREEN H=4.5 - W LIGHT GREEN SERPENTINE? FRAGS 1% OF ROCK UP TO 1" IN SIZE. FOLD @ 35°-40° TO C.A. TR PY		
1152-1180	40° SOAPSTONE AND SOAPSTONE BRECCIA W SEVERAL SLIGHTLY PINKISH GREY BIOTITE SYENITE DYKES. (LAMPROPHYRES?) SOAPSTONE IS DARK GREEN FINE GRAINED H=4 1156-1157 BIOTITE SY (OR LAMP?) @ 30° 0.5% DISS PY 1171-1174 - PINKISH GREY BW SY FOLD @ 35° 1% DISS PY 1175-1180 - QUARTZ VEINING AND PURPLISH BIO SY BANDS	1152-1157 72952 1157-1162 72953 1162-1167 72954 1167-1172 72955 1172-1177 72956 1177-1182 72957	.002 NIL NIL NIL NIL NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1180-1205	UM FLOW BRECCIA: FRAGS OF TEXTURED UM FLOW UP TO 3" IN SIZE PRECIPITATED BY QUARTZ STRINGER STOCKWORK.		
1205-1208.5	1204' - IRREGULAR STRINGER OF PURPLISH GREY H=6 PYRITIC MATERIAL 1CM WIDE CONTORTED 70% PY 40° SHARP	1205-1208.5	72 958 NIL
1208.5-1212	PURPLISH GREY FINE TO MEDIUM GRAINED H=5.5 FOLIATED @ 40° CHLORITE FLAKES (AFTER BIOTITE) BIOTITE SYENITE? ALTERED GRWK? 40° SHARP	1208.5-1212	72 959 NIL
1212-1248	BEAUTIFULLY DEVELOPED SPINIFER TEXTURED FLOWS FLOWS VERY THIN (1 1/2") TOPS TO TOP OF HOLE W CHLORITE (BLACK) CALCITE (WHITE BLED) INTERFLOW STRINGERS. GRADATIONAL 35-40°		
1212-1215	QUARTZ CALCITE ULTRAMAFIC BRECCIA W SEVERAL PURPLISH GREY FINE GRAINED BANDS (AS FROM 1205-1208.5) LOCALLY WITH UP TO 5% DISS. PYRITE. 35°	1212-1215	72 960 NIL
1215-1219		1215-1219	72 961 NIL
1219-1222		1219-1222	72 962 NIL
1222-1225		1222-1225	72 963 .002
1225-1230		1225-1230	72 964 .002
1230-1236		1230-1236	72 965 NIL
1236-1240		1236-1240	72 966 .002
1240-1245		1240-1245	72 967 .002
1245-1250		1245-1250	72 968 NIL
1250-1255		1250-1255	72 969 NIL
1255-1260		1255-1260	72 970 NIL
1260-1265		1260-1265	72 971 .002/.002
1265-1270		1265-1270	72 972 NIL
1270-1275		1270-1275	72 973 .002
1275-1280		1275-1280	72 974 NIL
1280-1285		1280-1285	72 975 NIL
1285-1290		1285-1290	72 976 NIL
1290-1292		1290-1292	72 977 NIL
1280-1292	BLACK + WHITE CHERTY BANDS AND POSSIBLE THOLEIITIC VOLCANIC FRAGMENTS 40° 35°		
1292-1325	FINE GRAINED MEDIUM TO DARK GREEN H=5.5 THOLEIITIC BASALT. QUARTZ CALCITE VEINING LOCALLY OCCUPYING CHLORITIC PILLOW SELVADES. UP TO 0.5% FINE DISS. PY		
1325	E.O.H.		

SEE ADDITIONAL ASSAYS

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 14/88 PAGE: 1 OF 5

HOLE NO. N-88-81 DIP -60° AZMIUTH 340° LOGGED BY P. MEYER

CORE SIZE BQ TOTAL FOOTAGE 1358' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 679.17' @ 58° 1342' = 58 1/2° LOCATION: 14100N 29100W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 95.14'

DRILL TIME: START APRIL 13^N FINISH APRIL 19/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS. DRILLING

CONVERTED FROM METRIC. CORE COVERED IN GREASE FROM



950 →

FOOTAGE	DESCRIPTION		
0-95	OVERBURDEN		
95'-187.5	PURPLISH BROWNISH GREY FINE TO MEDIUM SS TYPE META SEDS. H=6-5.5. LIMONITE STAINED UGGY QUARTZ (CALCITE WEATHERED OUT) VEINLETS. SPECULARITE STRINGERS. 0.5% DISS PYRITE. FOLK @ 45° TO C.A. 160-184 INCREASING AMOUNT OF ORANGY RED HEMATITE STAINING PERVASIVELY AND ALONG FRACTURES. 181-184 QUARTZ CHLORITE ± SPECULARITE VEINS MAKE UP 35% OF ROCK. PROBABLE 30° ORIENTATION OPPOSITE SENSE TO FOLK @ 35° TO C.A. 10% DISS. PY.	175-180 71001 .002	180-184 71002 .002/.002
		18-187.5 71003 .002	187.5-192 71004 .002
		192-197 71005 NIL	197-202 71006 NIL
187.5-197	35° 6" UGGY QUARTZ CALCITE SPECULARITE VEIN PINKISH GREY HEMATITE ALTP. H=5-4.5 GABBRO INTRUSION W SEVERAL JASPER FRAGS SUB ROUNDED 0.4mm - ROCK IS MEDIUM TO COARSE GRAINED. MASSIVE TO WEAKLY FOLD @ 35° TO C.A. STRONGLY MAGNETIC TRACE FINE PY 350		
197-210	DEEP RED BROWN FINE TO VERY FINE GRAINED H56 CHERT JASPER TYPE IRON FORMATION WEEKLY MAGNETIC. LOCAL PATCHES OF BEEFITE ALTP AND ASSOCIATED 5% PYRITE. PURPLISH QUARTZ CALCITE SPECULARITE FILLED FRACTURES. GRADATIONAL		
210-224	MEDIUM GREEN VERY FINE GRAINED H=5 META SILT STONE VARIABLY HEMATIZED AND SILICIFIED		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
224'-230	<p style="text-align: center;">35°</p> FOLIATED DARK GREEN MEDIUM GRAINED H=5 BIOTITE RICH GABBRO? INTRUSIVE ROCK.		
230-238'	<p style="text-align: center;">40°</p> STRONGLY HEMATITIC H=6 VERY FINE GRAINED META SILTSTONE (ARGILLITE - 1% FINE DISS. PY. AS FROM 210-224)	230-234 71007 234-238 71008	NIL NIL
238'-276'	<p style="text-align: center;">30°</p> FOLIATED (STRETCHED + CONVORTED) MEDIUM GRAINED (WITH BRECCIA FRAGMENTS) GABBRO DYKE?. 40% SUBANGULAR TO SUBROUNDED WHITE LOCKLY POIKALITIC? FRAGMENTS OF QUARTZ-CALCITE 242-243'- PINKISH ORANGE H=6 META SED? VERY FINE GRAINED FOL @ 35° 1% PY.	238-242 71009 242-245 71010	NIL NIL
276'-284	<p style="text-align: center;">25°</p> HEMATIZED FINE GRAINED H=6 DEEP REDDISH GREEN META SILTSTONE / IRON FORMATION. 2-3% DISS. PY	276-282 71011 282-284 71012	.002/.002 NIL
284'-362	<p style="text-align: center;">30°</p> QUARTZ CHLORITE TALC SCHIST BRECCIA. HIGHLY CONVORTED - QUARTZ BOUDINS AND SUBROUNDED FRAGS. OF "SEDIMENTARY TYPE" PYRITE, PURPLISH GREY SYENITE OR META SED., UM FLOW TEXT? ROCK ROCK IS SPECULARITE BEARING IN MATRIX W UP TO 2% COARSE PY. 303-304' - PINKISH PYRITIC BANDS IN TAN COLORED ALT ¹⁰ SY DYKE <p style="text-align: center;">40°</p> 307-310'.	284-289 71013 289-295 71014 295-300 71015 300-305 71016 305-310 71017	NIL NIL NIL NIL NIL
	<p style="text-align: center;">40°</p> SPINIFEX TEXT? UM FLOWS: 5" EACH FLOW. TOPS INDETERMINABLE		
	<p style="text-align: center;">25°</p> 317-321 - REDDISH BROWN MEDIUM GRAINED H=6 META SS. HEMATIZED WEAKLY MAGNETIC 0.5% PY		
	<p style="text-align: center;">45°</p> 327-338 - REDDISH BROWN JASPER RICH META ARGILLITES WITH PALE GREEN SERICITIC BANDS OF META SILTSTONE. 1" ANGULAR RIP UP CLAST @ BOTTOM CONTACT		
	<p style="text-align: center;">40°</p> 339' - FOL @ TO 20° TO C.A. 342' - FOL @ 0-50 TO C.A., WAVY.		
	347-352' - SEVERAL BANDS OF FINE TO MEDIUM GRAINED METAGRWKS @ 5° TO C.A.		
	<p style="text-align: center;">40°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
362-415 F	PURPLISH REDDISH GREY H=6 META GRWK?/SS HEMATITIC. SPECULARITE BEARING FRACTURES UP TO 1% FINE DISS. PY. BROKEN CORE + FAULT RUBBLE 396-398 - H=5. GREENISH META ARGILLITE. 40°		
415-505	ROCK BECOMING COARSE GRAINED MASSIVE (GRWK?) ELSEWHERE HAS BEEN CALLED BIOTITE SYENITE. SUB ROUNDED AND ROUNDED CLASTS UP TO 1 1/4 IN DIAMETER OF REDDISH BROWN Q.F.P. - SPECULARITE BEARING FRACTURES STILL PRESENT 504 - 4" BAND OF GREEN CHLORITE Q.F. SCHIST @ 30° 40°		
505-653	ORANGY BROWN AND TAN FINE GRAINED H=6 META ARKOSES AND QUARTZITES, FOL @ 35-30° TO C.A. UP TO 5% FINE DISS. + STRINGER PY. ASSOC. W/ 1cm WIDE Q.V. NORMAL TO C.A. 5/2' CHECK 535-545 - 80% BANDS OF PALE "APPLE-GREEN" CHLORITE SEDS. CHLORITE BANDS ARE H=4.5-4 FOL @ 15-20° 556-558 - GREYISH BROWN BAND OF META GRWK? 10% VUGGY (WEATHERED CO ₃) STRINGERS 607'-634' - PREDOMINANTLY BANDS OF PALE GREEN CHL. FOL @ 30-35° TO C.A. 40°	510-515' 71018	NIL
653-700	MIXTURE OF DARK GREEN CHLORITIC MATERIAL H=5 AND REDDISH FINE GRAINED H=6 META SS. 40°		
700-776	PREDOMINANTLY MEDIUM GRAINED REDDISH BROWN AND PURPLISH GREY META SS AND GRWK. TR FINE PY. 776'-776.5 - PALE GREEN U.M. FLOW TEXT ² ROCK. @ 40° 40°		
776-828	MODERATELY TO STRONGLY HEMATITIC H=5.5-6 META SEDIMENTS. DARK PURPLISH GREEN FINE TO MEDIUM GRAINED. MODERATELY MAGNETIC. 1% PINKISH QUARTZ CALCITE STRINGERS, STRONGLY HEMATITIC CALCITE RICH VERY FINE GRAINED BANDS @ 30° TO C.A. ROCK HAS 3% TAN COLORED CARBONATE "HOOKS" UP TO 0.5mm 1% FINE DISS. PY. BECOMING INCREASINGLY MORE FRACTURED AND BROKEN 45°	795-800 71019 800-805 71020 805-810 71021 810-815 71022 815-820 71023 820-825 71024 825-828 71025	NIL NIL NIL NIL NIL NIL .002
828 -	HIGHLY CONTORTED DARK GREEN H=4.5 CHLORITE QUARTZ SCHIST AND RED-BROWN H=5.5 BANDS OF META SS? (FOLIATED AND FRACTURED) BANDS HAVE 5% YELLOWISH GREEN SERICITE WISPS AND WHEN IN RED BROWN BANDS, HAVE ASSOCIATED 2% PYRITE	828-830 71026 830-835 71027 835-840 71028 840-845 71029 845-850 71030 850-855 71031	.002 .002 .002 .002 .005/.002 .015/.025

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
F	889' - FOLD @ 0-5° TO C.A. (WRKY)	855-860 71032	.002
	890' - 2" FAULT GOUGE	860-865 71033	.002
	903'-904 FAULT GOUGE	865-870 71034	.002
904 - 959	TALC CHLORITE SCHIST AND VERY FINE GRAINED H=6 META ARGILLITES AND SILTSTONES. TALC CHLORITE SCHIST IS DARK GREEN TO BLACK H=4.5 FOLD @ 40-45° META SEDS ARE BLACK H=6 FINE GRAINED, 1% DISS.PY 950-957 fold @ 50-55° TO C.A. 30°	870-875 71035	.002
		875-880 71036	NIL
		880-885 71037	.002
		885-890 71038	.005
		890-900 71039	.005
		900-905 71040	.005
959-963' 959-1029	FAULT GOUGE COARSE GRAINED H=4.5 MASSIVE TO PORPHYRITIC. PYROXENITE. 20% PYROXENE?. XLS UP TO 0.4mm 35°	905-910 71041	.005
		910-915 71042	.002
		915-920 71043	.002
		920-925 71044	.002
		925-930 71045	.010/.005
		930-935 71046	.002
		935-940 71047	.002
		940-945 71048	.002
		945-950 71049	.002
		950-955 71050	.080/.085 as. .075/.080 as.
1029 - 1112	DARK GREEN H=4.5 CHLORITE + TALC QUARTZ CARB SCHIST AND BANDS OF PINKISH GREY H=5.5-6 FELSITE W UP TO 50% FINE DISSEM. PYRITE (FOLIATED AS IF MERELY AFELSITIZED GRWK TYPE SEDIMENT SCHIST IS PROBABLY AN UM FLOW. BOTH ROCK TYPES HAVE 15% YELLOWISH GREEN SERICITE WISPS, 1054-1063.4' FELSITE BAND @ 50° TO C.A. 1063.4 - 5" FAULT GOUGE 45° 1063.4 GRADING INTO FINE GRAINED SOAPSTONE WITH SEVERAL BANDS OF DEEP RED BIOTITE+CHL SY? 1081- FOLD @ 50° TO C.A. 1099- FOLD CLOSURE FRAGMENTS OF UM FLOW TEXTURED ROCK AND SHEARING. LOCALLY ROCK IS SAME AS FROM 1029-1063 10% FINE PYRITE ASSOCIATED W SERICITE MICRO STRINGERS 550 4" QZ CALCITE VEIN	955-959 71051	.010
		1025-1029 71052	.005
		1029-1035 71053	.002
		1035-1040 71054	.002
		1040-1045 71055	.020
		1045-1050 71056	.002
		1050-1054 71057	.005
		1054-1059 71058	.002
		1059-1063.4 71059	NIL
		1063.4-1068 71060	NIL
		1068-1075 71061	NIL
		1075-1080 71062	NIL
1080-1085 71063	NIL		
1085-1090 71064	NIL		
1090-1095 71065	NIL		
1095-1100 71066	NIL		
1100-1105 71067	NIL		
1105-1110 71068	NIL		
1110-1112 71069	.005/.005		
1112-1115 71070	.002		
1115-1120 71071	.005		
1120-1125 71072	.002		
1125-1130 71073	NIL		
1130-1132 71074	.002		
1112 - 1132	FINE TO VERY FINE GRAINED REDDISH BROWN H=6 PURPLISH GREY (H=6) AND DARK GREEN H=5.5 BRECCIATED (BUT ANNEALED) META SEDS VARIABLY HEMATIZED, STRONGLY MAGNETIC 10% COARSE GRAINED PY. 45°		

See additional assays

.080/.085 as.
.075/.080 as.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1132-1167	FINE GRAINED SOAPSTONE AND FRAGMENTS OF UM FLOW TEXTURED ROCK. 1139-1141 AND 1254-1255 COARSE GRAINED REDDISH PURPLISH BROWN H=6 BANDS W UP TO 2% FINE DISS. PY (SEDS?) 1160-1166 - CHLORITIC FAULT GOUGE	1132-1135 71075 1135-1140 71076 1140-1145 71077 1145-1150 71078 1150-1155 71079 1155-1160 71080	.002 .002 .002 NIL .002 NIL
1167-1240	45° SHARP CONTACT UM FLOW BRECCIA. SUB ANGULAR TO SUBROUNDED FRAGMENTS OF SPINIFEX TEXT AND OTHERWISE TEXT UM FLOW UP TO 2" IN TALCOSE MATRIX FOL @ 1210' = 40° TO C.A		
1240-1266	40° PALE PINKISH CREAM QUARTZ CALCITE VEINS 1240-1241 DARK GREEN- BLACK FINE TO MEDIUM GRAINED H=5 MAFIC INTRUSIVE ROCK. GABBRO? RELICT "SALT+PEPPER" TEXT 1251-1253' - INCLUSION OF TALK CHLORITE (QUARTZ) SCHIST INTRUSIVE ROCK HAS MULTIPLE PYRITE BEARING QUARTZ CARBONATE VEINS AND 5% CARBONATE "HOOKS" 0.5MM CHECK 1265-1270. HIGHLY PRECIPITATED WITH "STOCKWORK" TYPE QUARTZ CALCITE STRINGERS	1259-1265 71081 1265-1270 71082	.020/.020 .010
1266-1283	SOAPSTONE + SOAPSTONE BRX. MEDIUM GREY COLOR H= 4-4.5 1276-1283. QUARTZ VEINS AND STRINGERS @ 350 TO C.A. 25% OF ROCK 35°		
1283-1358	DARK GREY GREEN FINE GRAINED TROBILITIC META VOLCANICS NON MAGNETIC 1% DISS. PY AND 0.5% COARSE PYRITE CUBES.		
1358	END OF HOLE		

SEE ADDITIONAL ASSAYS

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 23 1988 PAGE: 1 OF 5

HOLE NO. N-88-82 DIP -60 AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 1532' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 1519' = 61 1/2° LOCATION: 13+30N: 30+00W
1519' = 62 1/2°

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 43'

DRILL TIME: START APRIL 19/88 FINISH APRIL 23/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS. #1 DRILL



1094-1103 - .033/9'
1220-1230 - .040/10'

FOOTAGE	DESCRIPTION
0 - 43'	OVERBURDEN
43' - 49'	COARSE GRAINED, DARK GREY GREEN H=5 HEMATIZED ROCK. GABBRO INTRUSIVE? MASSIVE TEXTURE. MODERATELY MAGNETIC.
49' - 287'	1 FOOT OF FAULT RUBBLE REDDISH BROWN AND GREENISH VARIABLY HEMATIZED METASANDSTONES AND ARGILLITES. RANGING FROM FINE TO MEDIUM GRAINED. REDDISH BROWN META SS IS H=6 PALE GREEN, SERICITIZED? META SILTSTONE BANDS ARE H=4.5 95-99 - VUGGY, LIMONITE STAINED FRACTURED SECTION 146-164 - VUGGY LIMONITE SECTION AS ABOVE (FRACTURED) 95' - FOLD @ 35° TO C.A. SPECULARITE BEARING FRACTURES 218-240. FAULT ZONE <u>BROKEN + LOST CORE</u> 40° 282-287' - SEVERAL CHLORITIC FAULT GOUGES
287' - 444'	SOAPSTONE BRECCIA: BLUE GREY, H=4 20% OF ROCK COMPOSED OF QUARTZ CALCITE FRAGMENTS (SUBROUND ED UP TO 1" IN SIZE) FOLD @ 35-40°. PERHAPS BETTER DESCRIBED AS T CHL QU SCH BX 312.5 - 321' - MASSIVE MEDIUM GRAINED PINKISH BROWN "MOTTLED" BIOTITE (LOCALLY ALTERED TO CHLORITE) 389' - 390' - RICH ROCK H=5.5-6 ALTERED BIOTITE SY? 390-400' - REDDISH BROWN H=6 META SS @ 50° TO C.A. 340-400' - HIGHLY CONTORTED QUARTZ TALL CHL. SCHIST FOLD @ 25-30° 346-397.5 - REDDISH BROWN H=6 META SS. 410 - 412' - FOLIATED, BIOTITE RICH ROCK. GREY H=5.5 HEMATITIC. PROBABLY META ARGILLITE. SIMILAR TO ROCK TYPE FROM 312.5 - 321' 432 - 433.5 - SHATTERED. H=6 PINKISH + QUARTZ VEIN OF META QUARTZITE? 440-441 - BULL WHITE QV @ 45° TO C.A.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
444-579	<p>RED BROWN H=6 META SANDSTONES WITH 10% BANDS OF PALE GREEN H=5 SERICITIZED META SILTSTONES. ROCK IS SHATTERED W/ SPECULARITE FILLED FRACTURES AND 1% FINE DISS. PYRITE</p> <p>493-504' - DISTINCTIVE BRIGHT RED META SS WITH GREENISH H=4.5 SERICITIZED BANDS @ 15-30°</p> <hr/> <p>504-513 - COARSE GRAINED PINKISH GREY METACRWK. 20% BIOTITE (ALTERED TO CHLORITE) FLAKES. HEMATIZED 40°</p> <hr/> <p>513-534' - FINE GRAINED "SHATTERED" BUT ANEALD W/ QTZ META ARGILLITES. GREENISH W/ HEMATIZED QTZ STRINGERS 25°</p> <hr/> <p>534-540 - CHLORITE TALC QUARTZ SCHIST FOLD @ 15-25° DARK GREEN WAVY BEDDING (KINK BANDED/DIAG FOLDED) 40°</p> <hr/> <p>540-579 - PREDOMINANTLY DARK GREEN, FINE TO VERY FINE GRAINED META ARGILLITE AND SILT STONES W/ JASPER FRAGMENTS, CHERTY BANDS AND UP TO 1% FINE PYRITE.</p>		
579-650'	<p>25° STRONGLY KINK BANDED CHLORITE T QTZ SCHIST 1'</p> <p>COARSE GRAINED TO MEDIUM GRAINED MASSIVE TO WEAKLY FOLD REDDISH GREEN META SS/AND/OR CRWK. JASPER FRAGMENTS AND 1% FINE DISS. PYRITE</p>		
650-661	<p>45° THINLY FOLIATED (SHEARED) DARK GREEN CHLORITE TALC (QUARTZ) SCHIST.</p>	655-661 71083	NIL
661-688'	<p>45° STRONGLY SERICITIZED META ARGILLITES. PREDOMINANTLY PALE GREEN H=4.5 FINE GRAINED BANDS (WITH 30% RED H=5.5-6 BANDS) QUARTZ VEINING INCREASING TO 672'</p> <p>672'-677' QUARTZ SERICITE BRECCIA "STOCK WORK" TYPE QUARTZ VEINS W/ SUBANGULAR FRAGS OF SERICITIZED META ARGILLITE + SILTSTONE INCLUDED IN QTZ VEINS TR FINE PYRITE. LOCALY UP TO 1% IN STRINGERS 40°</p>	<p>661-665 71084</p> <p>665-670 71085</p> <p>670-675 71086</p> <p>675-680 71087</p> <p>680-685 71088</p> <p>685-687 71089</p>	<p>↑</p> <p>↓</p>
698'-828'	<p>40° REDDISH BROWN AND PURPLISH GREY-GREEN HEMATIZED FINE GRAINED H=6 META SEBS. 1% DISS. PYRITE THROUGHOUT</p> <p>784'-798' - 10% QUARTZ CALCITE STRINGERS AND VEINS @ 5-15° NO C.A. ROCK IS LIGHT BROWN COLOR (ANKARITE) AND 5% RED JASPER FRAGS. 20°</p>	<p>780-785 71090</p> <p>785-790 71091</p> <p>790-795 71092</p> <p>795-800 71093</p>	<p>↑</p> <p>↓</p> <p>NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	1460' FOLD @ 25°	1455-1460 71171 1460-1465 71172 1465-1470 71173 1470-1473 71174	NIL
1473-1532	MASSIVE TO WEAKLY FOLIATED DARK GREEN THOLEIITIC METAVOLC, 35% CARBONATE HOOKS UP TO 0.3MM	1473-1475 71175	NIL
1532.	EOH		

SEE ADDITIONAL ASSAYS

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 1/88 PAGE: 1 OF 5

HOLE NO. N 88-83 DIP -60° AZMIUTH 340 LOGGED BY DAVID MEYER / D.H.

CORE SIZE BQ TOTAL FOOTAGE 1453 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 214 m = 702' = 58° LOCATION: 14+00N ; 31+00W
440 m = 1443.5' = 56 1/2°

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 52.49

DRILL TIME: START APRIL 27/88 FINISH MAY 4/88 DAY MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS. #1 DRILL

77 boxes

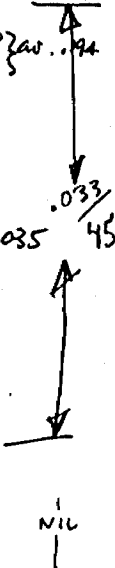


FOOTAGE	DESCRIPTION	
0-52.49	OVERBURDEN	
52.49-85	BROKEN AND LOST CORE 60% CORE RECOVERY	
85-166	REDDISH BROWN AND PURPLISH GREEN META SS AND ARKOSES FINE TO MEDIUM GRAINED H=6 VARIABLY HEMATITIC. ARKOSIC BANDS HAVE UP TO 30% ANGULAR FELDSPAR XLS 5% LIMONITE STAINED UGGY QZ CALCITE 450 VEINS	
166-173	FINE GRAINED HEMATITIC DARK GREEN W HEMATITE REDDISH STRAINERS 50% VERY FINE PYRITE	
173-260	CHLORITE TALC QUARTZ SCHIST = MEDIUM GREEN H=45 LOCALLY HIGHLY CONTORTED. FOLD RANGES FROM 15°-60° 1% FINE DISS. PYRITE	
179-183	REDDISH PURPLISH BROWN H=6 META SEDS H=6 W PURPLISH SPECULARITE BAND 1cm WIDE + 2% DISSEM. PYRITE	
209'-224'	DARK GREY-BROWN MEDIUM GRAINED HEMATITIC META ARKOSE OR PORPHYRITIC SYENITE	
224'-280'	CHLORITE ± TALC QUARTZ SCHIST BRECCIA. MEDIUM GREEN. LOCALLY HEMATIZED, W 25% CARBONATED QUARTZ FRAGMENTS UP TO 1.5cm 5% BANDS OF GREYISH BIOTITE SYENITE? OR METAGNE? LOCALLY BRECCIATED INTO FRAGS (ANGULAR UP TO 2cm)	250-255 71176 .002 255-260 71177 NIL 260-265 71178 NIL 265-270 71179 NIL 270-275 71180 NIL 275-280 71181 NIL 280-285 71182 NIL
228-229'	STRONGLY HEMATITIC (35% SPECULARITE)	
271.5-272'	CHLORITIC FAULT GOUGE QUARTZ VEIN @ 25° // TO FOLD 500	
280'-	REDDISH BROWN H=6 META SS FINE TO MEDIUM GRAINED. 15% SPECULARITE BEARING FRACTURES AND UGGY (CALCITE WEATHERED OUT) VEINS.	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
556-518	FINER GRAINED REDDISH BROWN H=6 META SEDS WITH EMERALD GREEN H=5.5-5 BANDS WITH APPARENT CHLORITE + MARIPOSITE FLAKES BANDS UP TO 3" @ 25° TO C.A. - 5% OF ROCK 411-414 - VUGGY GREYISH BROWN SECTION 450-480 " " " " GRADATIONAL ±45°		
518-592	INCREASING AMOUNT OF H=5.5 YELLOWISH GREEN BANDS WITH REDDISH META SS MAT'L YELLOWISH GREEN BANDS ARE SERICITIZED? NON MAGNETIC ----- 35°		
592'-673	REDDISH PURPLISH BROWN HEMATITIC META SEDS WITH SEVERAL BANDS OF EMERALD GREEN DYKE? MATERIAL - 35% MARIPOSITE FLAKES BANDS ARE WAVY @ 5-25° TO C.A. w TR PY. : 606'-609' HEMATITIC MAT'L HAS UP TO 10% PYRITE. 604-613 FAULT BRECCIA + GOUGE 621-625 - EMERALD GREEN DYKE? MATERIAL 628-630 - BRECCIA (CONGLOMERATE, SUB-ANGULAR FRAGS OF PINKISH META SEDS IN HEMATITIC H=5.5 MATRIX PROBABLY RIP-UP CLASTS, 40°	670-675 71183	.002
673-720	DARK GREEN CARBONATED H=5. COARSE GRAINED META GWK? PERVASIVE CALCITE ALTERATION MODERATELY MAGNETIC 0.5% PYRITE LOCALLY BRECCIATED w PINK QTZ CALCITE VEINS 673-678' - STRONGLY FOLIATED @ 30°-50° ----- 40°	675-680 71184	NIL
720-731	PINKISH MEDIUM GRAINED H=6 "GRANULAR" TEXTURED STRONGLY MAGNETIC HEMATIZED META SS? w MULTIPLE CHLORITIC SLIP SURFACES UP TO 2mm EVERY 1 FOOT 5% OF ROCK ----- 30°	720-725 71186	NIL
731-784	HIGHLY FAULTED, BROKEN UP PERIPOTITE H= 4.5-5 (UNRIABLE) In part proxenite 762-775 Major fault zone - Well developed zones ± qtz veins ----- 30° Brecciated w/ qtz cement	762-767 71189	NIL
		767-772 71190	NIL
		772-775 71191	NR
		779-784 71192	.002/.002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
784-792	Dark green, well foliated (60°) thinly laminated chl-gtz-talc? schist, locally slightly sericitic. Tr - 0.52. dis py concentrated near upper contact.	784-789 71193 789-792 71194	.002/.005 .002
<u>Contact</u> 35° Slightly brecciated			
792-819	Variegated red, yellowish green, gray, and white thinly laminated, well foliated (40-50°) - variable, very siliceous. H ₂ O s.s. meta-sediment. Laminations locally tightly folded. Strains red hematite alteration, non magnetic. Tr dis py. Mod. yellow sericite alt. along laminae boundaries. Section contains a couple of 2-3" bands of gtz-chl schist	792-797 71195 797-802 71196	NIL NIL
<u>Contact</u> 12" fault zone - serpentinized frons.			
819-1011	Dark green, well foliated (40°), locally intensely brecciated chl-gtz-carb ^{stic} schist w/ a few 1-3' band of reddish syenite or meta sed. which are brecciated. May also be Q.F.P. Tr dis py in syenite/meta sed bands. Schist talcose locally. Nil to tr py.		
861-864	Reddish, brecciated meta-sed/syenite Tr + dis py.	861-864 71197	.010/.015
871-874	Mixed chl-gtz schist + meta sed/syenite + gtz veins Tr py.	871-874 71198	NIL
883-919	Mariposa bearing var. The chl schist in the section 819-971 prob. derived from sediments.	918-923 71199 923-928 71200	.002 .002
893-910	Lt tan or reddish v.f.g. slightly brecciated meta-sed. Tr dis py.	928-933 71201 933-938 71202	.002 .005/.005
918-936	Reddish, v.f.g., med to intensely brecciated (local black chl cement) meta sed.	938-943 71203 943-948 71204	.002 .002
942-946	Greenish gray, v.f.g. well foliated (40°) thinly laminated meta sed. - All contacts in sed. parallel to foliation		
cont.			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
981-992	Purple gray v.f.s., mod. sheathed (hardne - 1/8" qtz veins) meta sed. with several chloritic bands. Tr + dis. py.	976-981 71205	NIL
		991-986 71206	NIL
998-1011	Purple red, intensely brecciated (multi qtz veins), v.f.s. meta sed - may be a syenite. Lower contact very irregular, upper contact 30° shear.	976-992 71207	NIL
		992-995 71208	.002
		995-998 71209	.002
		998-1003 71210	.002
		1003-1008 71211	.005
	Contact 30° interlocking schist	1068-1011 71212	.002
1011-1037	Dark green, mod. foliated (30°), locally brecciated, chl-qtz ± carb schist. Minor amount of spinifex. A little typical U.M. flow texture, non magnetic. Tr. dis. py.	1011-1016 71213	NIL
		1016-1020 71876	NIL
		1020-1025 71877	NIL
		1025-1030 71878	.002
		✓ 1030-1034 71214	.180/.190 .205/.205
		1034-1037 71215	.002
	1030-1034 Slight more dis py + a few narrow sericite att. bands w/ py. Brecciation more intense in this set.	✓ 1037-1042 71216	NIL
		✓ 1042-1047 71217	.005
		✓ 1047-1052 71218	.01
		✓ 1052-1057 71219	.025
		✓ 1057-1060 71220	.040/.035
		✓ 1060-1065 71221	.02
	1034-1037 Reddish, sheathed (qtz veined) syenite dyke. Tr. dis py. Upper contact 50° Contact - Brecciated		
1037-1200	Dark green to grayish green, faintly foliated (40-45°) well brecciated chl-talc-qtz-carb schist. Flow textured U.M. present. Some parts very talcose. Qtz restricted to veins + foliation. Dis py content variable Nil - 0.5%. Non mag.	✓ 1065-1070 71222	.03
		✓ 1070-1075 71223	.03
		✓ 1075-1080 71224	NIL
		SEE ADDITIONAL ASSAYS	
		1158-1163 71225	NIL
		1163-1168 71226	NIL
		1168-1173 71227	NIL
		1173-1178 71228	NIL
		1178-1183 71229	NIL
		1183-1188 71230	.002
		1188-1193 71231	.002
		1193-1198 71232	NIL
		1198-1200 71233	.005
	1190-1200 Slight bleaching - Sericite att.		
	Contact 45° sharp		



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1200-1231	Emerald green to olive green, well foliated (35-45°) locally brecciated, local intense sericite alt assoc with increase in pyrite content, very siliceous <u>qtz-mariposite ± chl ± sericite schist</u> H=5.5-6 Dis. py. content variable Tr - 1%. Several 4-6" qtz-mariposite veins - nil sulphides. Some buff dyke material. Gray bleach zones without mariposite common (6"-12" wide) Upper contact (1200-1203) internally bleached (gray)	1200-1203 71234 1203-1207 71235 1207-1212 71236 1212-1217 71237 1217-1222 71238 1222-1227 71239 1227-1231 71240	.002 .005 .002 .002 NIL .010/.010 .002
	1203-1207 20% buff dyke 0.5% py.		
	1207-1217 Mainly mariposite schist		
	1217-1222 Mixed gray alt., mariposite + 1' qtz-mariposite vein low sulphide content		
	1222-1229 No mariposite, heavy chl + sericite + 1% py Very siliceous.		
	1229-1231 Normal mariposite schist in contact with narrow mariposite bearing buff dyke - may be alt. Tholeiite. <u>Contact 50° sharp.</u>		
1231-1255	Lt. grayish green, well foliated (30°) v.f.g. sericite alt. Tholeiitic type meta volcanic. Sericite alt defines foliation. Some gray bleached bands identical to gray zones in above section. The above mariposite schist was probably derived from a tholeiitic parent. Finely dis. py Tr - 0.5%. Unit very hard & dense H=5.5 No graphite at contact	1231-1236 71241 1236-1241 71242 1241-1246 71243 1246-1251 71244 1251-1255 71245	.002 NIL NIL NIL/.002 .002
	<u>Contact 40° very sharp - slightly sheared</u>		
1255-1453	Green, v.f.g to fine grained (fine grained, prop (which mica? phno) near contact) locally foliated (phno: aligned) (40°) Tholeiitic type meta volcanic - not altered. 1255-1269 Porphyritic section		
	E.O.H. 1453		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1080-1158	<i>Additional assays</i>	1080-1085	1340 NIL
		1085-1090	1341 NIL
		1090-1095	1342 NIL
		1095-1100	1343 NIL
		1100-1105	1344 NIL
		1105-1110	1345 NIL
		1110-1115	1346 NIL
		1115-1120	1347 NIL
		1120-1125	1348 NIL
		1125-1130	1349 NIL
		1130-1135	1350 NIL
		1135-1140	1351 NIL/NIL
		1140-1145	1352 NIL
		1145-1150	1353 NIL
		1150-1154	1354 NIL
		1154-1158	1355 NIL

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP Garrison

DATE May 13, 1988 PAGE: 1 OF 5

HOLE NO. N-88-84 DIP -60 AZMIUTH 340 LOGGED BY O. A. Howard

CORE SIZE BQ TOTAL FOOTAGE 1,522' DIP TEST: YES/NO

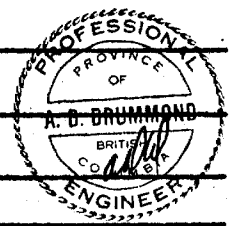
DIP FOOTAGE AND DEGREE -59° @ 1483'; LOCATION: 14+50N, 39+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 52.5'

DRILL TIME: START May 4/88 FINISH May 12, 1988 MECHANICAL TIME

MISCELLANEOUS PROBLEMS

80 boxes



FOOTAGE	DESCRIPTION
0-52	Overburden
52-80	<p>Greyish green, well foliated (30-35°) slightly brecciated chl-gtz-carb schist. Tr. dis. py, Few 1/8" crosscutting gtz veins.</p> <p>60-65 Reddish orange, fine to med. gr. unfoliated, slightly shattered (gtz/mariposite veins) syenite dyke - may be a meta sed. Tr. py. Upper contact 15° very irreg. Lower contact - Very irreg. - brecciated.</p> <p>67-72 Dull green, fine grained, unfoliated meta sed. H=4.5-5 Tr. dis. py. Heavy chl. Contacts parallel to fol. 30°</p> <p style="text-align: center;">Contact 40° sharp</p>
80-587	<p>Pale red. to pinkish tan, locally mottled green, v.f.g. generally unfoliated meta sed. w/ occasional narrow bands of well foliated (50°) gtz-mariposite schist and v.f.g. sericite alt. ± mariposite felsite. - Prob. all seds. Tr - 0.5% dis. py in all rx types. All very siliceous. H=5.5-6</p> <p>Mod to intense general shattering - gtz ± carb veins here to 1/16" - Locally vuggy, Hairline specularite veins common</p> <p>388-389 Limonitic fault zone</p> <p>390-467 Increased chl ± mariposite, Slight foliation starting to develop. 40°</p> <p style="text-align: center;">cont.</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>467-481 Emerald green, mod. foliated (30°) very siliceous (H=6) Qtz-Mariposite schist. Tr. dis py.</p> <p>481-518 Mottled pink, gray, pale green, mod. well fol. (30°) locally with mariposite, locally brecciated meta sed.</p> <p>518-557 Mainly gray with pink to yellow green mottling, mod. pyritic, micro brecciated meta sed. Dis py + buckshot clots 0.5-2%.</p> <p>557-587 Mixed chloritic meta sed and dark purplish to green meta sed. Tr - 0.5% dis py ± cpy. Includes a few narrow bands of Qtz-chl-carb schist - Contacts approx parallel to fol. 30° Entire zone fractured by fault in next sector. Contact - major fault.</p>	<p>518-523 71246</p> <p>523-528 71247</p> <p>528-639 71248</p> <p>533-538 71249</p> <p>538-543 71250</p> <p>543-548 71251</p> <p>548-558 71252</p> <p>553-557 71253</p>	<p>.002</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>.002</p>
<p>587-671</p>	<p>Fault zone - Intense brecciation, gousse development, mixed rx types, i.e. various colored meta sed. + chl-Qtz schist frags and/or bands, possible dark syenite + breccia mixtures of all rx types cemented with quartz and/or chlorite. Tr dis py throughout zone.</p>	<p>577-582 71254</p> <p>582-587 71255</p> <p>587-592 71256</p> <p>592-597 71257</p> <p>597-602 71258</p> <p>602-607 71259</p> <p>607-612 71260</p> <p>612-617 71261</p> <p>617-622 71262</p> <p>622-627 71263</p> <p>627-632 71264</p> <p>632-637 71265</p> <p>637-642 71266</p> <p>642-647 71267</p> <p>647-652 71268</p> <p>652-657 71269</p> <p>657-662 71270</p> <p>662-667 71271</p> <p>667-671 71272</p> <p>671-676 71273</p> <p>676-681 71274</p>	<p>.002</p> <p>.002</p> <p>.005/.005</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002/.002</p> <p>.002</p> <p>.002</p> <p>.002</p>
<p>671-839</p>	<p>Contact - Major Fault - Zone affected by fault extends to 681</p> <p>Dark green to light green away from fault, well foliated, but variable (0-30°), foliation highly contorted, locally fractured, Qtz-chl-carb schist - quite calcareous (calcite) Heavy chl 671-696. Grades into Qtz-mariposite-chl schist at 725 Nil to Tr dis py. Foliation thinly laminated, may have been originally a sed., no U.M. textures. Less carb away from upper contact.</p> <p>763-772 Reddish, partially foliated (0-5°) meta sed. fol marked by chl ± sericite.</p> <p>Cont.</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	804-808 Intense sericite alt. no chl or mariposite remain		
	816-818 Reddish meta sed. contact parallel to foliation 10°	827-833 71275	.002
	828-829 Distinct band of spinifex textured U.M. bracket between sericite altered meta sed. Nil sulphides	839-845 71276	.002
		845-850 71277	.002
	829-839 Mainly reddish meta sed w/ mod to heavy shatter gtz veining. Nil sulphides. In reddish type. Tr in sericite alt. type.	850-855 71278	NIL
		855-860 71279	NIL
		860-865 71280	NIL
		865-870 71281	.002
		870-874 71282	NIL
	Contact 25° sharp.	874-879 71283	.002
839-951	Dark green, well foliated (variable 30-50°) kink banded, slightly siliceous H= 4.5-5 gtz-chl-carb ± sericite schist. Pyrite content variable. Nil to 0.5% in hematite and/or heavier sericite sections. Qtz/magnetite minor $\frac{1}{4}$ common.	879-883 71284	NIL
		883-888 71285	NIL
		888-893 71286	NIL
		893-898 71287	NIL
		898-902 71288	.002
		902-907 71289	NIL/.002
		907-912 71290	.002
	865-874 Several gtz cemented breccia section syonite/red meta sed frags. plw gtz-chl schist frags.	912-917 71291	NIL
		917-922 71292	NIL
	898-899 Ten meta sed? Tr + dis py	922-927 71293	.002
	902-904 Mottled red, white, olive green gtz flow breccia zone 1-2% dis py.	927-932 71294	.002/.002
		932-937 71295	.002
		937-942 71296	.002
		942-947 71297	NIL
	904-917 Very siliceous zone, good U.M. flow texture, 1-2% dis py. Heavy gtz veining.	947-952 71298	NIL
		952-957 71299	NIL
		957-962 71300	NIL
		962-967 71301	NIL
		967-972 71302	NIL
	917-936 Greenish pink, v.f.g., microbrecciated, unfoliated meta sed. or syonite. Tr - 0.5% dis py ± cpy. Mod. hematite alt. Mod shatterred $\frac{1}{8}$ - $\frac{1}{4}$ " gtz veining w/ or w/o magnetite	972-977 71303	NIL
		977-982 71304	NIL
		982-987 71305	.002
		987-992 71306	.002
		992-997 71307	NIL
		997-1002 71308	.002
		1002-1007 71309	.002/NIL
		1007-1012 71310	NIL
		1012-1017 71311	NIL
		1017-1022 71312	NIL
		1022-1027 71313	NIL
		1027-1032 71314	NIL
		1032-1037 71315	NIL
		1037-1042 71316	NIL
951-954	Fault Zone - Mud shonias parallel to foliation (40°) Very heavy chl. ± 90%		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
954-1086	Dark green, poorly foliated, soft (H=3-3.5) locally brecciated minor to moderate Qtz veined chl-talc-Qtz-carb schist N.I sulphide, Weakly magnetic. A few narrow section of U.M. flow texture.	1040-1045 71301	NIL
	962-972 Dark gray, fine grained, fresh appearing biotite syenite. Dis py tr - 0.5%. Mod magnetic.	1045-1050 71302	NIL
		1050-1055 71303	NIL
		1055-1060 71304	NIL
✓ 986-989	Fault zone - some gouge 30-40°	1060-1063 71305	NIL
		1063-1068 71306	.002
1040-1060	More siliceous (H=4.5-5) increase in sulphides, mainly cpx. Section 1050-1060 intense shatter Qtz veins w/ minor py, cpy rare.	1068-1073 71927	NIL
		1073-1078 71928	.002
		1078-1083 71929	NIL
		1083-1088 71930	.005
		1088-1093 71931	.002
		1093-1098 71932	.002
		1098-1103 71933	.002
		1103-1108 71934	.002/NIL
		1108-1113 71935	NIL
		1113-1118 71936	NIL
		1118-1123 71937	NIL
		1123-1128 71938	NIL
		1128-1133 71939	NIL
		1133-1138 71940	NIL
		1138-1143 71941	NIL
		1143-1148 71942	.002
1086-1160	Dark green to lighter green away from upper contact, well foliated (40°), locally brecciated nil to moderate Qtz veins, variable hardness 4-5.5, local flow textured U.M. sections - chl-Qtz± talc - carb schist Increase in U.M. textures away from upper contact N.I pyrite. Questionable sericite alt 11555 1160	1148-1153 71307	.002
		1153-1157 71308	NIL
		1157-1160 71309	NIL
	Contact - Gradational - marked by start of main posite	1160-1165 71310	.010/.005
		1165-1169 71311	.002
1160-1196	light gray to emerald green, well foliated (40°) locally brecciated in narrow sections containing buff dykes (sericite alt.?), slightly graphitic near lower contact, mod. siliceous (H=5-5.5) Qtz - main posite - chl ± sericite - carb. schist. May be in part or totally altered tholeiite. No U.M. textures. N.I. to 0.5% dis py locally up to 2mm clots.		
	1165-1169 Brecciated buff dyke - Qtz/magnetite cement to dis py, Tr graphite		
	Cont.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>1179-1181 ^{to 897} Buff dyke w/ 1-2% <i>dis</i> coarse grained \pm 2mm py. No porphyrite</p> <p>1182-1190 Mud to intense dark olive (sericite) alt. in mid to intense brecciated section. Porphyrite in intercon sections. Each section 1-2' wide.</p> <p>Contact 60' Somewhat gradational</p>	<p>1169-1174 71312</p> <p>1174-1179 71313</p> <p>1179-1181 71314</p> <p>1181-1186 71315</p> <p>1186-1190 71316</p> <p>1190-1196 71317</p>	<p>.002</p> <p>.002</p> <p>.002</p> <p>.010</p> <p>.005</p> <p>.010</p>
<p>1196-1212</p>	<p>Light tan, greenish gray to grayish green, well foliated 50° v.f.g. sericite alt. Tholeiitic type meta volcanic. Locally well brecciated containing graphite. Almost nil pyrite. gray gtz shatter veins common.</p> <p>Contact - Gradational</p>	<p>1196-1201 71318</p> <p>1201-1206 71319</p> <p>1206-1212 71320</p>	<p>.005</p> <p>.002</p> <p>.002</p>
<p>1212-1522</p>	<p>Green, v.f.g., slightly fractured tholeiitic type meta volcanic. Speckled var. near upper contact \pm 20'</p>		
	<p>E.O.H. 1522'</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE May 17/88 PAGE: 1 OF 7

HOLE NO. N 88-85 DIP -60° AZMIUTH 340° LOGGED BY DAH/RDD

CORE SIZE BQ TOTAL FOOTAGE 1729' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -62° @ 1719' LOCATION: 12+00N, 32+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 13'

DRILL TIME: START May 12/88 FINISH May 25/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0 - 13'	Casing.
13 - 114	<p>Pinkish green caste - <u>Meta-sedimentary ms.</u> v.f. gd uniformly sorted sandstone + silt stone with wisps or thin layers of grey argillaceous material. - LIMONITE at 31' Becomes more uniformly grey by 32' Suggested bedding at 20° to CA. at 38' with graded bedding oriented down hole → coarser to finer sand to argillaceous layer arg. layer →</p> <p>at 57' poss. soft sediment slump structure finely layered. - H = 4.5 to 5.</p> <p>by 70' it becomes 90% f. sandstone type with buff - pink + pale LIMONITE at 86' on fracture 90 to 105' evidence of slump + crenulated folds of small scale, some banding at 30° to CA. - bleaching along fractures, < 1% py.</p> <p>105 - 160 - more red colouration presence of py + specularite LIMONITE at 125' on fracture. greenish ss type bleached to a pale green or buff or to a red tinged halo on fractures.</p> <p>at 168' some banding at 30° to CA. - grey to buff colouration continues to 212'</p> <p>212 - 238 mostly reddish - some grey banding which is folded + offset - presence of specularite + minor local fine py.</p> <p>238 - 240 Mariposite matrix in tuff - buff colour.</p> <p>240 - 260 Reddish meta-sandstone</p> <p>260 - 290 tan to greenish v.f. gd ss type banding at 287' at 35°</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>290' - 312 - manposite mafic in buff tuff mostly with some pale greenish pink f. qd. siltstone. Contacts of tuff are at 30° to CA.</p> <p>312 - 369. predominantly reddish f. qd. ss type. Spec. on fractures.</p> <p>LIMONITE at 321', 326, 327</p> <p>369 - 400 alternating reddish f. qd. type ss + pale greenish argillaceous type. banding at 30° to CA. Some late spec. on fractures - < 1% dis. py.</p> <p>400 - 414 Mod. brecciation / blk chl ± specularite cement</p> <p>Contact 45° Sharp</p>		
114-518	<p>Emerald green, well foliated - extremely variable, well laminated, Qtz - mariposite - carb ± chl. schist. Qtz/magnetite veins and fragments common. Tr. dis. py. - Prob. sed. Upper contact intensely sericitized - no mariposite.</p> <p>440-442 Pale green, v.f.g. slightly pur. (mariposite phase) felsite dyke - Tr. dis. py. Contacts - fuzzy. Minor limonite on lower contact.</p> <p>444 - 6" dyke - same as above cut with narrow limonite seam.</p> <p>Contact 20° very irregular - slight brecciation - strong sericite alt. over 6"</p>		
518-540.5	<p>White with orange tint, fine to med. grained, unfoliated. slightly shatterd quartzite or aplite. Occasional basaltic serpentine / chl. band or clst., slightly vuggy. Slight hematite alt. along fractures. Nil py.</p> <p>Contact 40° Very sharp</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
540.5-567	<p>Emerald green gta-mariposite-carb & chl schist - same as unit 414-518 except increase in chl toward lower contact. Almost nil py.</p> <p>Contact 15° Very irregular - along foliation.</p>		
567-571	<p>Red, v.f.g. equigranular meta sed or syenite dyke. Mod shattered with gta & magnetite veins. Tr. dis. py.</p> <p>Contact 30° Slightly brecciated.</p>		
571-695	<p>Dark green, well foliated (40-50°), speckled, more thick banded chl-talc-gta-carb schist. Very little gta banding, locally contains sub-angular frags. of gta/carb 5-10 mm. Tr. dis. py. Slightly magnetic. No obvious U.M. textures. Contains several narrow 6" ± bands of red to green meta sed.</p> <p>622-638 Dark green, v.f.g. dense, unfoliated, meta-sed. H=6 Bare trace dis py except for lower 2' of unit where it increases to 1%. Upper contact 45° very sharp. Lower contact 50°, v. sharp.</p> <p>Contact 30 sharp</p>		
695-987	<p>Light red to pink to yellow tan, v.f.g. mod. shattered (hauling - 1/16" gta veins or chl veins) meta sed. H=5.5-6 Tr. dis py increases to 1% near upper contact. Harsh specularite shatter veins common.</p> <p>892 → Lower contact. - Much stronger chl aft. over hematite with slightly more dis py - up to 0.5%. R= dark green. Some almost a cherty iron stone.</p> <p>963-975 intermittent gta/magnetite cemented breccia</p> <p>Contact 90° wavy/sharp</p>	971-976 71325	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
987-1129	<p>Dark green, poorly foliated, mod. to intensely brecciated chl-gtz-carb ± talc schist. Mainly chl. Contains narrow basic dyke section - may be fragment. Well developed serpentine in places. Tr to nil dis py.</p> <p>987-1000 Heavy hematite cth. of gtz₃₀ fragments, very intense brecciation.</p> <p>The above unit grades into dense <u>meta argillite</u> at about 1015 to 1129, with narrow section of partially foliated schist. Schist ± talc appears to be an altered equivalent of the argillite(?) Very magnetic</p> <p>Major fault 1035-1046 - Gouge plus broken core, Contact 40° sharp. Dense argillite at contact</p>	<p>987-991 71326 991-996 71327 996-1001 71328</p> <p>Sec attached list page 7</p> <p>1127-1134 71329 1134-1139 71330 1139-1144 71331 1144-1149 71332 1149-1154 71333 1154-1156 71334 1156-1161 71335 1161-1165 71336 1165-1170 71337 1170-1173 71338 1173-1179 71339 1179-1181 71340 1181-1186 71341 1186-1192 71342 ✓ 1192-1193.5 71343 ✓ 1193.5-1198 71344 ✓ 1198-1202 71345 ✓ 1202-1205 71346</p>	<p>NIL NIL .002 NIL NIL .002 NIL NIL NIL/NIL .002 NIL NIL .010 NIL .002 .005 NIL .035/.025 .010 .010 .025</p>
1129-1605	<p>Dark green, well foliated (45-50°), minor kink banding, slightly brecciated chl-talc-gtz-carb schist with narrow (2-6") bands of v.f.g. syenite or sed.</p> <p>Tr dis py with slight increase near syenite bands, also a few hairline py vein in some areas. Most concentrated near upper contact.</p> <p>1156-1161 Pink to med gray, fine grained biotite syenite. Tr dis py. Contacts 35-40°</p> <p>1161-1170 Fault/breccia zone - mixed syenite frags and schist. Minor gouge, intense shearing.</p> <p>1170-1173 Pinkish v.f.g. fractured syenite - may be a sed. 0.5% dis py. Upper contact 30°, lower contact 50°</p> <p>1179-1181 Med gray, v.f.g., shattered (gtz veins) meta sed or syenite 1% dis py. Shearing at 60°</p> <p>1192-1193.5 Pink syenite / meta sed., 0.5% dis py.</p> <p>1198-1205 Mod to intense sericite alt. + silicification. Approaching "syenite track" 1202-1205. Section 1198-1202 has a few frags showing spinites texture. Finely dis py approach. 2% 1202-1205</p> <p>cont.</p>	<p>1181-1186 71341 1186-1192 71342 ✓ 1192-1193.5 71343 ✓ 1193.5-1198 71344 ✓ 1198-1202 71345 ✓ 1202-1205 71346</p>	<p>NIL NIL .002 NIL NIL .002 NIL NIL .010 NIL .002 .005 NIL .035/.025 .010 .010 .025</p> <p>.02 13</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1205-1222	Mod siliceous H ₂ 4-5, intensely fractured - contains t. 1/16" qtz veins Tr. dis py. High percentage of serpentine.	1205-1210 71347 1216-1215 71348 1215-1222 71349	NIL NIL NIL
1222 →	Mainly soapstone A few good spinifex sections. that are less talcose.	SEE ADDITIONAL	ASSAYS
1295-1303		1299-1303 1356	NIL
		1319-1321 1357	NIL
		1321-1324 1358	NIL
1295-1303	Dark gray, f.g. biotite Kemptophytic dyke Upper contact 40° sharp. Lower contact 50° May also be a basic dyke. Mod. chl. alt.	1335-1340 1359 1340-1345 1360	NIL NIL
1318-1324	Same dyke type as above - Upper contact (90°?) somewhat grad. Lower contact 20° Contains a few 5mm x 5mm py cubes.	1370-1374 1361 1374-1398 1362	.002 NIL
		SEE ADDITIONAL	ASSAYS
1335-1345	Same as above. Upper contact 50° sharp Lower contact 45° sharp.		
1370-1378	Same as above Upper contact 40, Lower contact 70°	1453-1458 71350 1458-1463 71351	.002 NIL
1385-1392	Same dyke Both contacts 50°	1463-1468 71352	.002
1429-1433	Fault zone Intense shearing chl ± qtz + gouge Fracture angle 45° No sulphides	1468-1473 71353 1473-1478 71354 1478-1483 71355	NIL NIL NIL
1453-1494	Intense brecciation, mainly chl cement, Tr ± py glass fracture planes - mainly serpentine.	1483-1488 71356 1488-1494 71357 1494-1499 71358 1499-1504 71359	NIL .010/.010 NIL NIL
1494-1515	Dark tan to purplish, v.f.g. slightly foliated (20-30°) slightly fractured syenite dyke (?) Microbrecciated contains chl veins, Tr + dis py. Contains 2-4" qtz/tourmaline veins - Tourmaline now chl. Upper Contact 25° brecciated, Lower contact 25° parallel to foliation.	1504-1509 71360 1509-1512 71361 1512-1515 71362 1515-1520 71363 1520-1525 71364 1525-1530 71365 1530-1532 71366	.002 NIL NIL .002 NIL .002 .002
1515-1532	Olive green to emerald green, well foliated (25-30°) somewhat laminated, slightly siliceous H ₂ 4.5-5, qtz-chl-carb ± mariposite (?) ± sericite schist with a few buff. dyke (?) frags or dykes. Tr dis py, a little higher in buff sections.		

Cont.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1532-1547	Intensely brecciated section of questionable buff dyke material, gtz and schist(?) fragments. Tr + v.f. dii py particularly near upper contact 1532-1538±	1532-1537 71367 1537-1542 71368 1542-1547 71369 1547-1552 71370 1552-1557 71956 1557-1562 71957 1562-1567 71958 1567-1572 71959 1572-1577 71960 1577-1582 71962 1582-1587 71962 1587-1592 71963 1592-1597 71964 1597-1602 71965 1602-1605 71966 1605-1610 71371	.025/.030 } .02 } / 10' .015 .002 .010 .005/.002 NIL .002 .002 NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL
1547 →	Return to chl-talc-gtz-carb schist		
1567-1568	Fault zone 40° gouge + schist frag.		
1605	Contact 20° parallel to foliation		
1605-1628	Dark olive green, mod. well foliated (30°), u. m. flow fractured mod. siliceous (H=5) gtz-chl-sericite-carb schist. Near lower contact contain several 6-18" bands of bleached, very siliceous (H=6) foliated gray tholeiite. Schist sections contain base to dii py. Thol. sections contain slightly more. Sericite alt. very minor.	1610-1615 71372 1615-1620 71373 1620-1625 71374 1625-1628 71375 1628-1633 71376 1633-1638 71377 1638-1643 71378 1643-1648 71379	NIL .002 .005 NIL NIL .005 .010/.010 NIL
	Contact 30° Transitional over 2-3' either side of contact.		
1628-1729	Pale gray to greenish gray, mod. well foliated (30°), very siliceous (H=5.5-6) Tholeiitic type meta volcanic. Well developed leucoxene on the foliation. Mod to intense sericite alt. near upper contact. Tr ± py ± cpv and questionable v.f.s. arseno.	1648-1653 71445 1653-1658 71446 1658-1663 71447 1663-1668 71448 1668-1673 71449 1673-1678 71450 1678-1683 71451 1683-1688 71452 1688-1693 71453 1693-1698 71454 1698-1703 71455 1703-1708 71456 1708-1713 71457 1713-1718 71458 1718-1723 71459 1723-1729 71460	NIL .005 NIL NIL .002 NIL NIL .002/.002 NIL NIL NIL NIL .002 .002 .005 .002
	E.D.H. 1729		

leucoxene

PROPERTY

*Newfield*HOLE NO. N 88-85PAGE: 7 OF 7

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<i>Additional Samples.</i>		
	1001-1006	71380	.002
	1006-1011	71381	NIL
	1011-1016	71382	NIL
	1016-1021	71383	NIL
	1021-1026	71384	NIL
	1026-1031	71385	.002
	1031-1036	71386	.002
	1036-1041	71387	.002
	1041-1046	71388	.002
	1046-1051	71389	.002
	1051-1056	71390	.002
	1056-1061	71391	.002/.002
	1061-1066	71392	.010
	1066-1071	71393	.002
	1071-1076	71394	.005
	1076-1081	71395	.002
	1081-1086	71396	.002
	1086-1091	71397	NIL
	1091-1096	71398	NIL
	1096-1101	71399	NIL
	1101-1106	71400	NIL
	1106-1111	71401	.005
	1111-1116	71402	NIL
	1116-1121	71403	NIL
	1121-1127	71404	NIL
	1222-1227	71405	NIL
	1227-1232	71406	NIL
	1232-1237	71407	.002
	1237-1242	71408	NIL
	1242-1247	71409	NIL
	1247-1252	71410	NIL
	1252-1257	71411	.005
	1257-1262	71412	.010/.010
	1262-1267	71413	.002
	1267-1272	71414	NIL
	1272-1277	71415	NIL
	1277-1282	71416	NIL
	1282-1287	71417	NIL
	1287-1292	71418	NIL
	1292-1295	71419	NIL

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HOLE NO. N 88-85

PAGE: 7A OF 7A

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<i>Addition al Samples</i>		
	1303-1308	71420	NIL
	1308-1313	71421	NIL
	1313-1318	71422	NIL
	1324-1330	71423	NIL
	1330-1335	71424	NIL
	1344-1350	71425	NIL
	1350-1355	71426	NIL
	1355-1360	71427	NIL
	1360-1365	71428	NIL
	1365-1370	71429	NIL
	1378-1381	71430	NIL
	1381-1385	71431	NIL
	1385-1392	71432	NIL
	1392-1397	71433	NIL
	1397-1402	71434	NIL
	1402-1407	71435	NIL
	1407-1412	71436	NIL
	1412-1417	71437	NIL
	1417-1422	71438	.002/NIL
	1422-1427	71439	NIL
	1427-1432	71440	NIL
	1432-1437	71441	NIL
	1437-1442	71442	NIL
	1442-1447	71443	NIL
	1447-1453	71444	NIL
	1648-1653	71445	NIL
	1653-1658	71446	.005
	1658-1663	71447	NIL
	1663-1668	71448	NIL
	1668-1673	71449	.002
	1673-1678	71450	NIL
	1678-1683	71451	NIL
	1683-1688	71452	.002/.002
	1688-1693	71453	NIL
	1693-1698	71454	NIL
	1698-1703	71455	NIL
	1703-1708	71456	NIL
	1708-1713	71457	.002
	1713-1718	71458	.002
	1718-1723	71459	.005
	1723-1729	71460	.002

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP Garrison

DATE May 27, 1988 PAGE: 1 OF 6

HOLE NO. N-88-86 DIP -60 AZMIUTH 340 LOGGED BY D.A. Howard

CORE SIZE NQ TOTAL FOOTAGE 1663.4 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -50° Acid test 1660' LOCATION: 12+00N, 33+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 13'

DRILL TIME: START May 26, 1988 FINISH June 4/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0-13	Overburden
13-913	<p>Pale green or tan or pinkish red, v.f.g. weakly foliated (40°), mod. fractured (qtz filled veins) or hairline chl filled fractures, locally vuggy, minor limonite on some fractures near surface., locally mottled. Sandstone type meta sediment. Minor specularite veins in pink-red variety. Tr finely dis py. Occasional soft sed. def. structures. Local concentrations of dis specularite.</p> <p>284-301 Emerald green, well foliated (30°) v. siliceous. (H= S.S), slightly brecciated qtz-mariposite ± sericite-carb schist (sericite mostly in fraso of meta red. Top & bottom in contact with reddish hematite with meta sed. Contacts very irregular. Bare tr. dis py.</p> <p>306-345 White to pink, v.f.g. non foliated, mod. fractured local hematite efford, locally brecciated (specularite ± chl cement) meta quartzite. Tr = 0.5% coarse dis py up to 5mm clumps. Minor chl speckles - May be an aplite. Contacts approx. 50°.</p> <p>Very vuggy 273-275</p> <p>372-387 Emerald green qtz-mariposite-carb ± sericite schist Upper contact irreg. lower contact 45° sharp. - Same as 284-301</p> <p>425-427 - Very vuggy cont.</p>

METASEDS

2 DYKE

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>433-435 Green, well foliated (30°) v. sil. (H=5.5-6) gte-chl-carb schist. Bare Tr. dis. py. Contacts parallel to foliation.</p> <p>450-470 Very wussy - very broken</p> <p>477-533 Very wussy - very broken</p> <p>582-624 Very wussy - mod. broken</p> <p>703-741 " " " "</p> <p>745-780 " " " "</p> <p>804-818 Stems hematite alt. - almost an iron fm. not mag.</p> <p>818- Increasing chl. faintly foliated (40-50°), very cherty. micro brecciated, mottled green, red, dark tan.</p> <p>888 Narrow fault zone - 4-5' gouge.</p> <p>Contact 50° sharp</p>		
<p>913-942</p>	<p>Dark green, mod. foliated (40-50°), locally mid sheared near upper contact (? fault) minor lens banding, locally brecciated minor pink carbonate, soft calcareous chl-talc-gte-carb. schist. Tr. dis. py.</p> <p>Contact - Gradational - Above, rx type an alt. equivalent of the following unit.</p>		
<p>942-1118</p>	<p style="text-align: center;">= PERIDOTITE</p> <p>Dark green, weakly foliated (50°), very dense, hard (H=5-5.5) meta sed. (argillite) v. f. grained, uniform texture. Tr. dis. py - May have been lost as a peridotite, no olivine in the past. Very calcareous. Slightly magnetic.</p> <p>1045-1058 Weak fault zone, minor gouge, very broken.</p> <p>1072-1073 " " " " " "</p> <p>1116-1118 Brown, highly brecciated, very siliceous quartzite. syenite dyke at lower contact 1% dis. py.</p> <p>Contact 30° very irregular 1-2" pink carb veins, right at contact</p>	<p>1116-1118 17201</p>	<p>.002</p>

last box 779

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
1118-1237	Dark green, mod. well foliated (40°), locally brecciated (qtz and/or chl cement); locally contains buff dyke frags., fairly soft (H=3-4) chl-talc-qtz-carb schist. In part appears to be a foliated meta argillite similar to the above unit. Almost a surprise. Buff dyke material may be "syenite trachyte." Dis py variable Tr - 0.5% - Overall a low py section	1118-1123 17202	NIL	
		1123-1128 17203	NIL	
		1128-1131 17204	.010	
		1131-1133 17205	.010/.010	
		1133-1138 17206	.002	
		1138-1143 17207	NIL	
		1143-1148 17208	NIL	
		1148-1153 17209	NIL	
		1153-1158 17210	NIL	
		1158-1161 17211	.002/.002	
		1161-1166 17212	.002	
		1166-1171 17213	.010	
		1171-1176 17214	.005	
		1176-1181 17215	.035/.045	
		1181-1184 17216	.020	
1186-1198	Dark gray, f.g. equigranular, bio(chl) syenite dyke 0.5-1% dis py - locally coarse "sub. smm" upper contact 30°, lower contact 20°	1184-1188 17217	NIL	
		1188-1193 17218	.010	
		1193-1198 17219	NIL	
		1198-1201 17220	NIL	
		1201-1207 17221	NIL	
		1207-1213 17222	.002	
		1213-1217 17223	NIL	
		1217-1222 17224	NIL	
		1222-1227 17225	NIL	
		1227-1232 17226	NIL	
		1232-1237 17227	NIL	
		1237-1242	17228	.002
		1242-1247	17229	
		1247-1252	17230	
		1252-1257	17231	
1257-1262	17232			
1262-1267	17233			
1267-1272	17234			
1272-1277	17235			
1277-1282	17236			
1282-1287	17237			
1287-1292	17238			
1292-1297	17239			
1297-1302	17240			
1302-1307	17241			
1307-1312	17242			
1312-1317	17243			
1317-1322	17244			
1322-1327	17245			
1327-1332	17246			
1332-1337	17247			
1337-1342	17248			
1342-1347	17249			
1347-1352	17250			
1352-1357	17251			
1357-1362	17252			
1362-1367	17253			
1367-1372	17254			
1372-1377	17255			
1377-1382	17256			
1382-1387	17257			
1387-1392	17258			
1392-1397	17259			
1397-1402	17260			
1402-1407	17261			
1407-1412	17262			
1412-1417	17263			
1417-1422	17264			
1422-1427	17265			
1427-1432	17266			
1432-1437	17267			
1437-1442	17268			
1442-1447	17269			
1447-1452	17270			
1452-1457	17271			
1457-1462	17272			
1462-1467	17273			
1467-1472	17274			
1472-1477	17275			
1477-1482	17276			
1482-1487	17277			
1487-1492	17278			
1492-1497	17279			
1497-1502	17280			
1502-1507	17281			
1507-1512	17282			
1512-1517	17283			
1517-1522	17284			
1522-1527	17285			
1527-1532	17286			
1532-1537	17287			
1537-1542	17288			
1542-1547	17289			
1547-1552	17290			
1552-1557	17291			
1557-1562	17292			
1562-1567	17293			
1567-1572	17294			
1572-1577	17295			
1577-1582	17296			
1582-1587	17297			
1587-1592	17298			
1592-1597	17299			
1597-1602	17300			
1602-1607	17301			
1607-1612	17302			
1612-1617	17303			
1617-1622	17304			
1622-1627	17305			
1627-1632	17306			
1632-1637	17307			
1637-1642	17308			
1642-1647	17309			
1647-1652	17310			
1652-1657	17311			
1657-1662	17312			
1662-1667	17313			
1667-1672	17314			
1672-1677	17315			
1677-1682	17316			
1682-1687	17317			
1687-1692	17318			
1692-1697	17319			
1697-1702	17320			
1702-1707	17321			
1707-1712	17322			
1712-1717	17323			
1717-1722	17324			
1722-1727	17325			
1727-1732	17326			
1732-1737	17327			
1737-1742	17328			
1742-1747	17329			
1747-1752	17330			
1752-1757	17331			
1757-1762	17332			
1762-1767	17333			
1767-1772	17334			
1772-1777	17335			
1777-1782	17336			
1782-1787	17337			
1787-1792	17338			
1792-1797	17339			
1797-1802	17340			
1802-1807	17341			
1807-1812	17342			
1812-1817	17343			
1817-1822	17344			
1822-1827	17345			
1827-1832	17346			
1832-1837	17347			
1837-1842	17348			
1842-1847	17349			
1847-1852	17350			
1852-1857	17351			
1857-1862	17352			
1862-1867	17353			
1867-1872	17354			
1872-1877	17355			
1877-1882	17356			
1882-1887	17357			
1887-1892	17358			
1892-1897	17359			
1897-1902	17360			
1902-1907	17361			
1907-1912	17362			
1912-1917	17363			
1917-1922	17364			
1922-1927	17365			
1927-1932	17366			
1932-1937	17367			
1937-1942	17368			
1942-1947	17369			
1947-1952	17370			
1952-1957	17371			
1957-1962	17372			
1962-1967	17373			
1967-1972	17374			
1972-1977	17375			
1977-1982	17376			
1982-1987	17377			
1987-1992	17378			
1992-1997	17379			
1997-2002	17380			

1218-1219

cont

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1242-1251	Dark olive green, well foliated (40°) mod siliceous (H=5-5.5), minor gtz/magnetite shatter veins, slightly brecciated gtz-chl-sericite-carb schist. 0.5-1% fine gr. dis py	1242-1247 17229 1247-1251 17230	.01 .03
1251-1253	Dark gray, fine grained, equigranular foliated (40°) biotite syenite dyke. 1% v.f.g. dis. py	1251-1253 17231	.058
1253-1258	Olive green, well foliated (40°), discontinuous veined (1/16-1/8 gtz/magnetite) slightly brecciated gtz-chl-sericite-carb schist - locally more sericite than chl. Mod to strongly siliceous (H=5.5-6) 1% f.g. dis py.	1253-1258 17232	.02
1258-1263	Med gray to tannish, v.f.g. gtz/carb aff. rx. Intense micro brecciation, minor gtz ± magnetite veins. V. hard H=6 glassy appearing. More sericite (tan) section 1262-1263, slightly foliated (40°). All parallel to foliation at lower contact.	1258-1263 17233 1263-1266 17234 1266-1270 17235 1270-1275 17236	.03 .005 .003 .03
1263-1275	Light olive to emerald green, well foliated (40°), H.M. flow textured, slightly brecciated, buff dyke sections, even at intense sericite aff. (v. irregular) gtz-magnetite-chl ± sericite carb schist. Tr - 0.5% v.f.g. dis py.		
1275-1280	Same as section 1258-1263 contacts parallel to foliation 60°	1275-1280 17237	.058
1280-1298	Yellowish olive green to olive green, variably foliated (30-50) mod to very siliceous (H=5-6) locally finely brecciated local intense sericite aff. gtz-chl-sericite-carb schist 1-2% finely dis f.g. py. Good spines + H.M. flow textures	1280-1285 17238 1285-1290 17239 1290-1294 17240 1294-1298 17241	.022 .022 .035 .025
1298-1300.5	Breccia gtz vein ⁽¹⁾ containing 'syenite trachyte' fragments chl veins 1% + dis py	1298-1300.5 17242	.01
1300.5-1310	Brecciated gtz/syenite trachyte, gtz-chl-sericite-carb schist. 2-5% finely dis py Tr MoSe on a few fracture surfaces. "High Grade Zone"	1300.5-1305 17243 1305-1310 17244	.015 .04
1310-1313	Mauve (purplish gray), v.f.g. gtz/carb/sericite rock 5% med. gr. (1-2mm) dis cubic py. H=6	1310-1313 17245	.27

cont.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1313-1323	Brecciated dark olive syenite trachyte, U.M. flu textured gtz/sericite schist and some gtz. 1-2% dis f.s. py with some coarser gr. py. - Softer H= 4.5-5 in less siliceous	1313-1316 17246 1316-1319 17247 1319-1323 17248	.06 .18 .003
	Contact 40° Narrow shear 1323-1328 (Fault.)		
1323-1448	Dark green with gray green patches, poorly foliated, intensely sheared, locally brecciated, soft (H= 4-4.5) minor gtz veined chl-gtz-falc-carb schist. - some serpentine - mainly soapstone. Tr fine dis py with occasional 3-5mm bleb. Good spinifex near upper contact - otherwise resembles the previous meta argillite except much softer. Possibly derived from U.M. 1366-1372 Fault zone, gouge, intense shearing, minor gtz cemented breccia. Bare to dis py. 1400-1414 Fault zone, intense brecciation, heavy gouge shear angle 0-20° 1414-1422 Dark gray, f.s. weakly foliated (45°) (chl and/or gtz blebs parallel to foliation) mod. fractured, very siliceous syenite dyke. Both contacts 30°, sheared. 0.5-1% dis py. 1422-1426 Fault zone, lower contact 45° 1434-1448 Good spinifex texture, less sheared	1323-1328 17249 1328-1333 17250 1333-1338 17251 1338-1343 17252 1343-1348 17253	NIL .003 .003 NIL NIL
	Contact 15° sharp - marked by 1" gtz/magnetite vein.	1444-1448 17254	NIL
1448-1597	Purple gray to olive brown to tan, ^{to siliceous} unfoliated, locally intensely shattered (brecciated) with hairline to 1/16" gtz veins, extremely siliceous (H=6+) sericite alt. and bleached tholeiitic type (?) meta volcanic. (Carbonated tholeiite) - weakly siliceous when scored. 0.5-1% finely dis py. Unit contains sections of v. siliceous emerald green, variably foliated (±40°) gtz-mariposite-carb schist. - originally a U.M. based on rare spinifex texture cont.		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP Garrison

DATE June 5, 1988 PAGE: 1 OF 7

HOLE NO. N-88-87 DIP 70° AZMIUTH 340° LOGGED BY D.A. Howard

CORE SIZE NQ/BQ TOTAL FOOTAGE 2319' DIP TEST: YES/NO

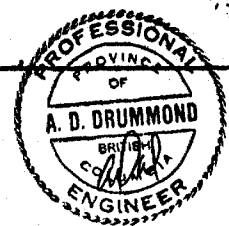
DIP FOOTAGE AND DEGREE 71° @ 1250' LOCATION: 10+00N ; 33+00W
64.5° @ 2240' (355°)

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE N casing to 1600' - reduced to BQ.

DRILL TIME: START June 4, 1988 FINISH June 23/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS Hole reached 2319' depth - changed bit - hole filled with core to 2290'
- in attempting to drill core, hole deflected at 2240' into wall and core was recovered.
cause of deflection was a H=6 inter unflow sedimentary horizon ~ 3' in intercept length
against H=4 chd un flow - Hole stopped.

FOOTAGE	DESCRIPTION
0-13	Overburden
13-400	<p>Light gray to tan to light pink to greenish gray v.f.g., intensely fractured (healed - has fine qtz or chl ± specularite), locally brecciated sandstone type meta sediment. Fine gr. dis. py. Tr - 0.5%, minor envelope development along some hairline fractures. Limonite common on fractures down to ...</p> <p>55-56 Open water/sandy zone</p> <p>106-108 " " " " ← Probable fault-</p> <p>174-176 Actual sand seam - v.f.g. glacial sand.!!</p> <p>Internally broken 174-185</p> <p>268 - 1" specularite breccia vein (40°)</p> <p>319-325 Very vuggy - heavy limonite</p> <p>367-372 Mariposite/seriate alt. meta sed., not foliated no py.</p> <p>Contact 15° irregular - parallel to contorted foliation</p>
400-476	<p>light green to emerald green, well foliated, (20-30°) thin, thin, laminated mod. hard (H=5) minor kink banded qtz-chl ± mariposite-carb schist with narrow inter bands of tan to pink v.f.g. meta sed. that are parallel to foliation</p> <p>Bare tr. dis. py.</p> <p>466-470 Probable fault - core very broken</p> <p>Contact 30° sharp</p>



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	1294- 6" gouge breccia zone - Fault		
	1328 6" breccia zone (55°) angular frags, chl cement		
	1200- Very massive, all fractures healed with gtz ⁺ carb H=6		
	1353- 1365 A few narrow bands of foliated (40°) gtz-chl-carb schist. 1% dis py.		
	1378 Contact 30° sharp		
1378- 1480	Transition Zone (meta sed w/ gtz/chl schist) Green to dark green, well foliated (20-30°-variable), locally kink banded with wispy bands (1/4-1") of pinkish v.f.s. sed., locally brecciated gtz-chl-talc-carb schist. Variable hardness 4-5.5, Hrd. sections mainly sed. Tr - 0.5% dis py		
	1444- Mainly foliated meta sed. some fine, laminated.		
	1434- 1449 Major healed fault zone - minor gouge intense brecciation, chl. cement.		
	Contact 30° sharp narrow shear		
1480- 1724	Questionable unit = PERIDOTITE Dark green to black, fine grained, unfoliated, dense, carb rich, fairly hard (H= 4-5), some tlc slightly brecciated meta sed. (Argillite) - Resembles a olivine poor peridotite. Local content of pink carb/ gtz. No gtz remaining. Some calcite present. Core intensely broken. Essentially no pyrite. Mod magnetic		
	1493- 1495 pink carb/ gtz blob (not a vein) no py.		
	1522- 1552 Contains irregular pinkish ^{gn} clots of carb(?) giving rock a speckled appearance cont.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1576-1578	Resembles a pyroxenite - blk cubic xtls. 2-3mm ² - Entire unit may be a pyroxenite from 1480 on.	1645-1650 001 1650-1655 002 1655-1660 003 1660-1665 004	.002 .002 .002 NIL
1625 → 1724	Faintly foliated (40°) More siliceous. H=5 Py increases from nil to Tr	1665-1670 005 1670-1675 006 1675-1680 007 1680-1684 008 1684-1689 009	.002 NIL NIL/.002 .002 NIL
1650-1657	Py increases up to 0.5%	1689-1694 010 1694-1699 011 1699-1704 012 1704-1709 013 1709-1714 014 1714-1719 015 1719-1724 016	NIL NIL .002 .002 NIL .002 NIL
1699-1724	More talc rich, pink carb. common Near contact - heavy serpentine	1724-1730 017 1730-1735 018 1735-1738 019 1738-1743 020 1743-1749 021 1749-1754 022 1754-1759 023 1759-1764 024 1764-1769 025 1769-1774 026	.005/.005 NIL .002 NIL .002/.002 NIL .002 .002 .002 - SAMPLE MISSING
1724-1814	Dark green to black, locally well foliated (40-50°), variable hardness (4-5.5), locally siliceous (?), minor to intensely brecciated chl-gtz-talc-carb ± sericite schist with minor discontinuous gtz veins. Tr - 0.5% di py (most 0.5-1mm ² cubes) some sheared out along fracture/shear planes.	1774-1779 027 1779-1784 028 1784-1789 029 1789-1794 030 1794-1799 031 1799-1804 032 1804-1809 033 1809-1814 034	NIL .002 .002 .002 .002 .002 .002 .002
1730-1738	Fairly siliceous (H=5), sericite rich, dark brownish cast, v.R. di py 0.5% ± mod. brecciated		
1738-1759	Very broken, some gouge probable fault.		
1805-1806	Fault ch/ gouge		
Contact 40° sharp shear			

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1814-1835	Contact zone - Intulayered chl-gtz-talc-carb schist, carb. altered buff dyke material and gray biotite syenite	1814-1818 035	NIL
		1818-1823 036	NIL
	1814-1818 Dark gray, fine grained, weakly foliated (40°) hard (H=5.5) biotite syenite dyke. Tr dis py, mod. magnetic.	1823-1829 037	.115/.110
		1829-1835 038	.110/.105
			.025
	1818-1829 Dark green, well foliated (40°) mod brecciated (broken gtz layers) chl-gtz-talc-carb schist. Tr- 0.5% fine gr. dis py.		
	1829-1835 Dark tan to purplish tan, v.f.s., very siliceous H= 6, intensely micro shattered, has fine gtz veins buff dyke. 0.5-1% finely dis py & specularite	1835-1840 039	.005
		1840-1845 040	.010
		1845-1850 041	.005
		1850-1856.5 042	NIL
		1856.5-1861 043	NIL
		1861-1867 044	.002
		1867-1872 045	.002
		1872-1877 046	.002
		1877-1882 047	.005
	Contact 40° Very irregular		
1835-1957	Green to emerald green, well foliated (30°), mod siliceous (H=5.5), locally well laminated, minor kink banding, some gtz veins, local U.M. flow textured gtz-chl-muscovite-carb schist with narrow bands of gtz-sericite-carb schist (light tan) Bare to dis py.	1882-1887 048	.002
		1887-1892 049	.005
		1892-1897 050	.002
		1897-1902 051	.002
		1902-1907 052	.035/.020
		1907-1912 053	.010
		1912-1917 054	NIL
	1856.5-1861 Gray, f.g. well foliated (30°) biotite syenite. Foliation defined by biotite Nil py. Both contacts 30°.	1917-1924 055	.005
		1924-1926 056	.030
		1926-1931 057	.010
		1931-1936 058	.005
	1924-1926 Gray, v.f.s. dense felsite(?) dyke? contact parallel to foliation Tr py	1936-1941 059	.002
		1941-1946 060	.002
	1949-1953 Tan, v.f.s. brecciated (gtz veins) buff dyke Tr py.	1946-1949 061	.002
		1949-1953 062	.025/.025
		1953-1957 063	.002
	Contact (1953) V. irregular - marked by 6" buff dyke. and narrow fault zone - 2' gouge + rx frag. Effects of fault extends to 1965		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1957-1993	Dark green, irreg. foliated, kink banded, locally brecciated Qtz-chl-talc-carb schist - 30% gtz bands Minor yellow sericite alt. Bare tr dis py.	1957-1962 064 1962-1967 065 1967-1972 066 1972-1977 067 1977-1982 068 1982-1987 069 1987-1990 070 1990-1993 071 1993-1995 072 1995-2000 073	NIL .002 NIL NIL NIL .002 NIL NIL NIL NIL
Contact 80° sharp Marked by 2" gtz vein + 12" buff dyke.			
1993-2197	light green, locally emerald green (when mariposite present) well foliated (40-50°), locally well laminated, locally U.M. flow textured, mod siliceous (H=5.5±), occasional hooked banding, Tr local sericite alt., minor brecciated gtz-chl ± mariposite - carb schist. Tr dis. py.	2000-2005 074 2005-2010 075 2010-2015 076 2015-2020 077 2020-2026 078 2026-2030 079 2030-2034 080 2034-2039.5 081 2039.5-2044 082 2044-2049 083 2049-2054 084 2054-2059 085 2059-2062 086 2062-2064 087 2064-2069 088 2069-2073 089	.002 .005 .002 .002 .005 .025/.025 .010 .010 .002 .002 NIL .002 NIL .002 NIL NIL
	2026-2034 Greenish gray, v.f.g., very siliceous (H=6) weakly foliated (50°) felsite (?) dyke. Tr + dis py plus a few specks of cpy. Upper contact 30°, Lower contact 40°	2073-2078 090 2078-2083 091	.015 ✓ .025 ✓
	2034-2039.5 Purplish gray f.g. slightly prop., very siliceous (H=6) gtz (felsite?) dyke. 0.5% dis py. Lower contact 35°-parallel to foliation	2083-2088 092 2088-2093 093 2093-2098 094	.170 .195/.175 jar. ✓ .145/.160 jar. ✓ .005 ✓
	2062-2064- Dark pink/purplish gray, v.f.g. v. siliceous (H=6) hematite stained, well fractured felsite dyke or metz sed. Contacts 40° parallel to foliation.	2098-2103 095 2103-2108 096 2108-2113 097 2113-2118 098	.005 ✓ .005 ✓ .030 .105/.125 ass. ✓ .115 ✓
	2083-2085 Fault zone - broken core + gouge - shear - L 20°	2118-2123 099 2123-2128 100 2128-2131 101	.005 ✓ .002 ✓ .002 ✓
	2093-2182 Mostly gtz-mariposite schist	2131-2134 102 2134-2139 103	.005 ✓ .010
	2131-2139 Med gray, intensely shattered, silicified zone with a few narrow bands of mariposite schist. May be a deformed gtz vein Tr - 0.5% v.f.g. dis py, Contacts both parallel and cross cutting to foliation. Looks like East 42 zone cont.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
2159 - 2173	Med gray alt zone (same colour as 2131-2139) Foliation still visible, strong sericite and/or leucosine alt., No magnetite. A few white Qtz veins. 0.5-1% v.f.s. dis py with to cpy. Sericite/leucosine along foliation 30° Contacts parallel to foliation .28/.27 .275/.295 → .18/.19 .23/.17 →	2139-2142 104 2142-2147 105 2147-2152 106 2152-2156 167 2156-2159 168 2159-2162 109 2162-2167 110 2167-2170 111 2170-2173 112 2173-2177 113 2177-2182 114 2182-2187 115 2187-2192 116 2192-2197 117	.010 .005 .002 .005 .010 ✓ av. 0.28 * ✓ av. 0.193 ✓ .060 ✓ .045 ✓ .010 ✓ .002 NIL .002 .010/005
2190 - 2197	Med to intense brecciation. Contact 50° shear - 2" chl gouge. - Fault		
2197		2197-2201 118	NIL
2197-2319	Dark green to black, f.g. unfoliated, talcose peridotite No obvious olivine or pyroxene. Cleavage 50° Some serpentine. Variable hardness - 3-4.5 A few 10mm blebs of py plus to dis: A few hairline Qtz veins.	2201-2206 119 2206-2211 120 2211-2216 121 2216-2221 122	.002 .002 .002 NIL
2221	Gradational into a cumulate olivine peridotite with 2mm olivine clusters		
2245 - 2255	Dark gray, v.f.s. very siliceous, not foliated meta sed.? Flow top?		
2295-	Segregation texture, possibly plagioclase lathes - May mark flow margin? or felted texture		
E.O.H. 2319'	(707 metres)		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JUNE 29/88 PAGE: 1 OF 5

HOLE NO. N-88-99 DIP 70° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE NQ TOTAL FOOTAGE 1906' DIP TEST: YES/NO

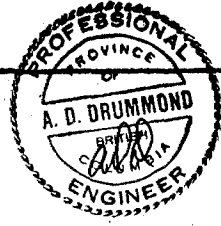
DIP FOOTAGE AND DEGREE -68° @ 1223' LOCATION: 10 +00 N, 35700 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 13'

DRILL TIME: START JUNE 24/88 FINISH JULY 25/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS 1. N casing tight, 2. BQ broke (N-casing), 3. AW casing in - broke, 4. AQ core barrel broke
5. cement + cored AW casing, still AW casing in hole, 6. set wood plug at 763m 7. set welder-cement, 8. drill off NQ cement - transition in broke
9. Bradley stopped Drilling 28 to Aug 2/88 - holiday, -


FOOTAGE	DESCRIPTION
0 - 13'	OVERBURDEN (CASING)
13' - 54'	REDDISH PURPLE SPECULARITE BEARING H=6 META SED.
4 - 81	YELLOWISH GREEN SERICITIC (H=5-5.5) METASED.
81 - 95.5	REDDISH BROWN FN GR H=6 META SS 35°
95.5 - 111	DEEP PURPLE STRONGLY SPECULARITE BEARING METASED 30°
111 - 174	YELLOWISH GREEN H=5-5.5 SERICITIC META SED. 30°
174 - 367	REDDISH BROWN H=6 FINE GRAINED META SS. ROCK IS "FRACTURED" WITH 80% DARK GREY TO BLACK SPECULARITE BEARING QUARTZ (CALCITE?) VEINLETS UP TO 2MM TR PY, TR CPY. 40°
367 - 434	DEEP BLuish PURPLE FINE TO VERY FINE GRAINED META SED. VARIABLY HARD: H=5-6, variable sects of REDDISH BROWN; Locally specularite bearing on fractures
434 - 556	Metasediments and Talc-chlorite Schist, alternating segments, fold 60°, T-C-Q schist is locally magnetic, occasionally catby calc + calc-gt-magnetite veins, Py < 1%, local cpy at 438', H=4-5 1/2 minor shear at 438' @ 70° - clay gouge soln/shear at 448' @ 45° - minor gouge. 60°
451 - 498	T-C-Q schist flow. loc porph, weakly calc, gen mag. Py tr. fold 40° @ 475' - loc shear. 70°
493 - 494 + 495 - 498	Dyke - dark brich red biotite Syenite, irreg ohlo. sheared contacts, tr Py, mag, biotite, unaligned med gr. H=6. 25°



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>foln 0' at 499' Q-C-T schist is brxd and contains py to 5% and dissem. dissem clasts are elongated // foln, - 504 - shear @ 60° 509 fault - 4" gouge @ 30° continuing shearing thru to 514. 514 - 4" pc of red dyke as above. - 515 chlorite schist @ 60°</p> <p>527-530 Fault, 8" clay cell gouge @ 30°. 537' fol'd @ 40°.</p> <p>540-556 - alternating grey chlorite-talc schist and red brn sst metaseds. foln and shearing (with clay gouge) at 40°-60°, Py < 1%, mag,</p>		
856-920	<p>SST type Metasediments - Top sect is almost non gran & brick red to 569' then red and tan brown alternating frequent specularite, Pyrite locally to 1%, locally sericitic & chloritic fracts, 4-6".</p> <p>- grades into grey meta sst intervals by 575 then alternates 594-595 - fracture/shear @ 60° - Py up to 2% over 4" sects. No L₁ 605-630 becomes wuggy, with gts-carbonate veins partially weathered out, Py 1-2%, very hematitic, to Py. 630-660 - alternating red & grey sst metaseds 660-670 - variably vsg. or amorphous red, ^{jasperoid} & grey, v. hematitic, non-mag, weakly calc. v. fractured. & locally wuggy.</p> <p>686-696 distorted metaseds with Q-chl schist, irreg contacts, hematitic</p> <p>696-739 alternating red & grey sst metaseds, to py occ wuggy calc breccia</p> <p>739-743 - jasperoid sect - locally brxd. hematitic. in py.</p> <p>743-843 alternating sst metaseds red & grey, py to 1%, loc hem, as above.</p> <p>805.5 - jasperoid pebble 2" rounded.</p> <p>834.8-841 - brxd sst & jasperoid material and hematite.</p> <p>843-856 - Interbedded metaseds and schist, tan & black with schist distorted as flow, py to, around brxd metaseds. at 848 - wuggy over 12", hematitic, non-mag.</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	856-920 alternating red & grey metaseds, loc hematitic 862 - minor cpy in gv. minor carb in parts.		
920-977	Red & Grey Metasediments interlayered with dark grey and purple biotite/chlorite-quartz Schists, locally magnetite. Tr. py, H=5; foln/shearings/contacts at 35° minor spec hem & jasperoid brx sects +. 955-957 fold 20°, with // qtz carb inlets + hem. 971 at 30° foln. flows are bi-qtz - chl metabol flows		
977-1176	Metaseds, alternating grey and red ss + type, grey chlorite, fold at 40-60°, Tr. py. to 2%. 981-990 - Qtz jasp vein / brx up to 1% py, loc mag. + carb. 1012-1014 - jasperoid hem carb brx. - common qtz - hem vein at 1017-1019. 1024-1025 red jasp / carb / hem brx zone. 1035 - Start inter layering of chlor sch metabol flows & metaseds. 1068-1073, minor jasperoid and tr. cpy, in qtz vein, at 60-65°. 1073-1086 - metaseds + ssds, minor jasperoid / qtz carb + py sects. local white calcite vein at 1080-1086		
1086 -	1174-1176 - FAULT RUBBLE BROKEN + FRACTURED ROCK. 45°		
1176-1287	DULL GREY-GREEN H=4-5 FOLIATED, LOCALLY (BECOMING INCREASINGLY) SHEARED + BRECCIATED BOUDINS OF REDDISH BROWN H=6 META SEDS, FOLD 25-30° 1214-1215 - FAULT GOUGE @ 35-40° TO C.A. FOLD DECREASING TO 10°-0° TO C.A. 1219-1220 - SILICIFIED GREYISH RED H=6 METASED BAND w 15% DISS. PYRITE. 1250-1287 - FOLN 30-45° TO C.A. INCREASED SERICITE CONTENT IN SEDS GIVES YELLOWISH BROWN TINGE. 1285-1287 - REDDISH BROWN META SS. H=6, @ 45° TO C.A.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1287'-1505	<p>PERIDOTITE. BLACK. H=4.5 MASSIVE 20% OLIVENE XLS LOCALY.</p> <p>1287-1293. FOLIATED W SERICITE WISPS FOLN @ 50-450 TO C.A.</p> <p>1312-1313 - QV @ 40° TO C.A.</p> <p>1325-1375 FRACTURE SET @ 0° TO C.A. 1% PINKISH QUARTZ CALCITE VEINLETS</p> <p>1469-1473 - MEDIUM BROWN GREY HFS SILICIFIED? CARBONATED BANDS W UP TO 5% DISS. AND STRING-GR PYRITE.</p>	<p>1469-1473 123</p> <p>1473-1478 124</p>	<p>NIL</p> <p>.002</p>
1505-1531	<p>DIABASE DYKE</p> <p>MEDIUM TO FINE GRAINED (DIFFERENTIATED) SALT + PEPPER TEXTURE</p>		
- 1570	<p>400 GRADATIONAL CONTACT</p> <p>INTERFINGERED COARSE GRAINED OLIVENE PERIDOTITE, SOAPSTONE TYPE TALC CHLORITE SCHIST AND MINOR DIABASE DYKES. 10-15% QUARTZ CALCITE VEINLETS IN "STOCKWORK" TYPE PATTERN PREDOMINANTLY @ 10°-20° TO C.A. QUARTZ CALCITE FILLED FRACTURE SET @ 0°-5° TO C.A. NIL TO TRACE PYRITE.</p>		
1570-1650	<p>F</p> <p>1568-1570' - CHLORITIC FAULT GOUGES @ 5° TO C.A.</p> <p>300 GRADATIONAL CONTACT</p> <p>DARK GREY GREEN TO BLACK FINE GRAINED H=4 SOAPSTONE TYPE TALC CHLORITE SCHIST, FOLN VARIABLE 0°-45° TO C.A. 1% ANHEDRAL PYRITE CLUSTERS, (BLEBS)</p> <p>1620-1650 - INCREASING NUMBER OF PALE GREEN SERPENTINE? BANDS + FRABS</p>		
1650-1654	<p>35°</p> <p>CHLORITIC FAULT GOUGE @ 35°</p>		<p>.002</p>
F			<p>.040/.030</p>
1654-1840	<p>400 GRADATIONAL</p> <p>DARK GREEN TO BLACK TALC CHLORITE SCHIST W BOUDINS AND BMSDS UP TO 3 FEET OF CARBONATED, SERICITIZED, PYRITIZED, FINE GRAINED H=5.5 META SED, CONTORTED FOLD VARIABLE 35°-60° TO C.A. THESE BANDS HAVE UP TO 10% FINE DISSEMINATE PYRITE: ROCK IS FRACTURED AND FAULTED</p> <p>1658-1662 CARBONATED SERICITIZED PYRITE BEARING META SED</p> <p>1674 - QV @ 50° TO C.A.</p> <p>1694 - 6" BOUDIN OF ABOVE META SED</p> <p>1705-1707 - CARB. SET. PYRITIC META SED</p> <p>1721-1733 - PINKISH AND BROWNISH QUARTZ CARB SERICITE CHLORITE BRECCIA</p>	<p>1654-1658 125</p> <p>1658-1662 126</p> <p>1662-1666 127</p> <p>1666-1670 128</p> <p>1670-1675 129</p> <p>1675-1680 130</p> <p>1680-1685 131</p> <p>1685-1690 132</p> <p>1690-1695 133</p> <p>1695-1700 134</p> <p>1700-1705 135</p> <p>1705-1710 136</p> <p>1710-1715 137</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.005</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>.005</p> <p>.005/.005</p> <p>NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		1715-1718	138 .002
		1718-1721	139 .010
		1721-1723	140 .005
		1723-1726	141 .002
		1726-1729	142 .005
		1729-1733	143 .015
		1733-1736	144 .002
		1736-1740	145 .015/.020
		1740-1745	146 .005
		1745-1750	147 NIL
		1750-1753	148 .002
		1753-1761	149 .002
		1761-1765	150 .002
		1765-1770	151 .002
		1770-1773	152 NIL
		1773-1777	153 NIL
		1777-1781.5	154 NIL
		1781.5-1785	155 NIL
		1785-1790	156 .002
		1790-1795	157 .002/.002
		1795-1800	158 .010
		1800-1805	159 NIL
		1805-1810	160 NIL
		1810-1815	161 NIL
		1815-1820	162 NIL
		1820-1825	163 NIL
		1825-1830	164 NIL
		1830-1835	165 NIL
		1835-1840	166 NIL
		1840-1845	167 NIL/NIL
		1845-1850	168 NIL
		1850-1855	169 NIL
		1855-1860	170 NIL
		1860-1865	171 NIL
		1865-1870	172 NIL
		1870-1875	173 NIL/0.002
		1875-1880	174 NIL
		1880-1885	175 NIL
		1885-1890	176 NIL
		1890-1895	177 NIL
		1895-1900	178 NIL
	40° SHARP CONTACT		
	1745-1761 - PURPLISH GREY, GRANULAR PORPHYRIC DYKE. H=6, 15% WHITE CARBONATE PORPHYROBLAST AND 5% GREEN CHLORITE (AFTER BIOTITE) FLAKES. 0.5%-1% FINE PYRITE		
	50° SHARP CONTACT		
	1761-1764 - CHLORITIC FAULT GOUGE		
	45°		
	1777-1781.5 PURPLISH GREY H=6 META GRWK? AS FROM 1745-1761		
	45°		
	1777-1807.7 - PURPLISH GREY TO BROWNISH GREY, MASSIVE TO WEAKLY FOLIATED H=6 ROCK. PROBABLY META GRWK. 3% SUB ROUNDED, ELONGATE CHLORITIC FRAGS UP TO 3mm. FOLDS @ 45° WHERE DEVELOPED.		
	1811-1812 -		
	1813-1821 -		
	40° GRADATIONAL CONTACT		
1840-	HIGHLY CONTORTED CHLORITE TALK SCHIST, 15% QUARTZ CALCITE BANDS FOLIATION DECREASING FROM 45° TO 50° TO C.A. PURPLISH GREY FINE GRAINED BODDINS OF METASED? (@ 1872.5) HAVE UP		
	1878' - UNCONFORMITY		
			
	1898-1901 - CHLORITIC FAULT GOUGE @ 25° TO C.A.		
	1901-1906 contorted T/c schist.		
	Note at 1906 - casing occurred → attempted BQ without success → attempted AQ without success Hole lost July 23/88 - attempting a wedge sequence starting 1312 (about)		

1906'

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEW FIELD TOWNSHIP GARRISON

DATE APRIL 15/88 PAGE: 1 OF 3

HOLE NO. N-88-100 DIP -60 AZMIUTH 340° LOGGED BY D. MEYER

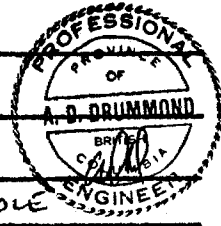
CORE SIZE BQ TOTAL FOOTAGE 1762 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE $\frac{300m \times 984.3' = 61^\circ}{531m = 1742' = 61^\circ}$ LOCATION: 1400N : 2540W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 176'

DRILL TIME: START APRIL 13/88 FINISH APRIL 21/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS DRILLING #II DRILL
LOST 3M 21507' : ADJUSTED 10' AHEAD TO BOTTOM OF HOLE



FOOTAGE	DESCRIPTION		
0 - 174'	OVERBURDEN		
174 - 190'	ORANGY CREAM TO WHITE H=6 MASSIVE, MEDIUM GRAINED QUARTZITE?? ALTERED QUARTZ PORPHYRY DYKE? CHLORINE FRACTURES AND TR PY. BRECCIATED 600?		
190' - 212.5'	CHLORITE TALC QU CARB. SCHIST. CONTOURED. BOULDING OF QUARTZ, HEMATITE BEARING (20% PECTULARITE) 197'-199.5' ORANGY CREAM COLORED ROCK AS ABOVE		
212.5 - 252'	GREENISH (BECOMING PINKISH THEN PURPLISH). MEDIUM GRAINED META GRWK. H=5 0.5% SPECULARITE. 219' - ROCK BECOMING PINKISH H=5.5 225' - ROCK BECOMING PURPLISH. BRECCIATED H=6		
252 - 275'	GRADATIONAL FINE GRAINED DARK PURPLISH GREEN HEMATIZED META SEDIMENTS, 3-5% SPECULARITE 1% FINE DISS. PY. 274-275 - BAND OF H=5.5 VERY FINE GRAINED CARBONACEOUS SANDS TO 5% STRINGER PY. 40°	252-256 71501 NIL 256-260 71502 .002 260-265 71503 NIL/NIL 265-270 71504 .002 270-275 71505 .002	
275 - 318'	MEDIUM TO COARSE GRAINED HEMATIZED MASSIVE, H=5, PERIDOTITE LOCAL BANDS UP TO 1CM WIDE OF NEARLY MASSIVE SPECULARITE.	275-280 71506 NIL 280-285 71507 NIL	
318' - 346'	40° FINE GRAINED H=5.5-6 PURPLISH, BROWNISH GREY, META SEDIMENTS. HEMATIZED LOCALY GRAD. ING TO MEDIUM GRAINED META GRWK. 1% FINE DISSEMINATED PYRITE THROUGHOUT; LOCALY UP TO 5%.	CHECK 330-335 71508 .002	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	1065-1082 - HIGHLY SHEARED EQUIVALENT OF ABOVE ROCK C SCHIST WITH 10% BANDS OF H=6 PURPL- ISH GREY (HEMATITE) BANDS W 1-2% PY. FOLD @ 1075 = 30-35°	1050-1055 71531 1055-1060 71532 1060-1065 71533 1065-1070 71534 1070-1075 71535 1075-1080 71536 1080-1082 71537	NIL .002 NIL .002 .002 NIL .002
	1077'-1082' .5 FOOT FAULT GOUGE CHLORITIC		
1082-1144	FINE GRAINED LOCALLY PORPHYRIC WEAKLY FOLIATED H=5.5-5 MAFIC DYKE. FOLD = 45° TO C.A. 2% PHENOCRYSTS OF TALCOSE ALTERED BIOTITES? UP TO 1.5mm UP TO 5% PYRITE ASSOCIATED W QUARTZ CALCITE STRINGERS GRADATIONAL OVER 6" 50"	CHECK 1127-1132 71538	NIL
1144-1507	DARK GREEN-GREY H=4 SOAPSTONE FOLD VARIABLE FROM 15°-30° TO C.A. 10% PINKISH QUARTZ CALCITE STRINGERS.	1176 1181.5 71539	.010/.010
*	1181.5-1189.5 - DARK GREY H=6-5.5 SILICIFIED? BAND APPARENTLY SILICIFIED SOAPSTONE/SOAPSTONE BX 5% FINE DISS. + STRINGER PYRITE	1181.5-1185 71540 1185-1189.5 71541 1189.5-1195 71542	NIL .002 .002
	90° 6" OF PINKISH CRTZ CALCITE FOLDS @ 1300' = 10° TO C.A. COARSE GRAINED CALCAREOUS PATCHES (FRAGMENTS OF UM FLOW?) 1-2% DISS PY CHECK	1280-1284 71543	NIL
	1379-1381 - DARK GREY H=5.5 MAFIC DYKE. BIOTITE LAMP? 10% BIOTITE FLAKES. 10% ROUNDED CALCITE PORPHYROBLASTS		
	1410 - GRADING INTO SOAPSTONE BRECCIA W	1410-1415 71544	.002
	1410 - CONTORTED AND BRECCIATED. FRAGMENTS OF UM FLOW W 1-2% DISS. PY	1415-1420 71545 1420-1423 71546	NIL NIL
	1427-1428.5 SILICIFIED? DYKE?. H=6 3% FINE DISS PYRITE	1423-1427 71547 1427-1428.5 71548	.005/.005 .002
	1428.5-1435 71549	.020	
	1435-1440 71550	.002	
	~1507-1510 - LOST 10' - ALL FURTHER FOOTAGES ARE ADJUSTED 3M 35° AHEAD		
1507'-1462	OLIVINE PERIDOTITE, DARK GREEN W OLIVINE CLUSTERS UP TO 2CM. 35% OF ROCK. ROCK IS FRACTURED + BROKEN - (FAULTING)	1440-1443 71551 1443-1447 71552	NIL NIL
1462'	EOH ADJUSTED 10' AHEAD FROM BRADLEY MARKERS		

SEE ADDITIONAL ASSAYS

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE APRIL 25/88 PAGE: 1 OF 3

HOLE NO. N-88-101 DIP -60° AZMIUTH 340 LOGGED BY D. MEYER

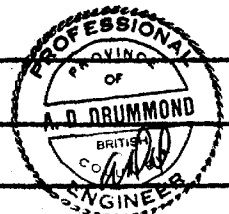
CORE SIZE BQ TOTAL FOOTAGE 1415 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 428m = 1404' = 60° LOCATION: 15⁰⁰N 29¹⁰W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 246'

DRILL TIME: START APRIL 21/88 FINISH APRIL 28/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS. #II DRILL



FOOTAGE	DESCRIPTION			
0 - 246'	OVERBURDEN			
246' - 337'	OLIVENE PERIDOTITE: DARK GREEN - BLACK COARSE GRAINED H=4.5-5. OLIVENE CLUSTERS UP TO 2cm 35% OF ROCK. NIL PYRITE. VARIABLY WEAKLY TO STRONGLY MAGNETIC. MULTIPLE FAULT GOUGES + RUBBLE			
337 - 588	250' ? GROUND CORE IN AREA OF CONTACT DARK GREY BROWN VERY FINE DRAINED H=6 META SEDIMENTS "IRONSTONE" MODERATELY MAGNETIC. HEMATITIC, 2% PYRITE IN STRINGER-LIKE BANDS. 2" GREYISH QUARTZ VEIN W 2% MED. GRAINED PY@45° @ 386' LOCALLY BRECCIATED W SERICITIC STRINGERS / FRACTURE SURFACES.	385-391	71607	NIL
	459-510 - PATCHES OF MORE INTENSE SILICIFICATION? BLEACHING ALONG FRACTURE SURFACES W ASSOCIATED 5% PYRITE	459-465	71553	NIL
		465-470	71554	.002
		470-475	71555	NIL
		475-480	71556	
		480-485	71557	
		485-490	71558	
		490-495	71559	
		495-500	71560	
		500-505	71561	
		505-510	71562	
	550-557' - BRECCIATION, W QUARTZ STRINGERS AND ASSOCIATED 5% PYRITE	545-550	71563	
		550-553	71564	NIL
		553-557	71565	.002
		557-560	71566	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
588-601	DARK GREY HEMATIZED H=5 MEDIUM GRAINED MASSIVE TO WEAKLY FOLIATED GABBRO? DYKE. STRONGLY MAGNETIC, TRACE FINE PYRITE 400		
601-738	PURPLISH REDDISH GREY H=6 FINE GRAINED META SANDSTONE AND SLT STONES AND BANDS OF UM FLOW TEXTURED ROCK. (POSSIBLE UM DYKES?) FOLD IN METASEDS = 45° TO C.A. CONTACT W UM FLOW TEXTURED ROCK (GREEN H=5.5) = 30° TO C.A. OPPOSITE SENSE 651 - GREYISH PURPLE SILICEOUS BAND IN UM FLOW TEXTD ROCK 0.7M @ 35° TO C.A. TRACE CPY ASSOCIATED 660-738. MIXED RED BROWN AND GREENISH H=6 METASEDS HEMATITIC STRINGERS LOCALLY UP TO 1% PY 400	648-650 71567 650-652 71568 652-655 71569	NIL NIL NIL
38-855	APPLE GREEN, SERICITIZED H=5.5-5 FINE GRAINED H= META ARGILLITE? (ARKOSE?) FOLD PREDOMINANTLY 25-35° TO C.A. TR PY MULTIPLE BLACK QUARTZ CARBONATE FRACTURE PLAINS TO FOLD 820-833. FRACTURE SET PARALLEL TO C.A. 35°		
855-867'	TRANSITION ZONE: INCREASED CHLORITE CONTENT FROM ABOVE ROCK. CHLORITIC BANDS AND BANDS OF REDDISH BROWN META SS. 30°		
867'-955	CHLORITIC H=5 HEMATITIC DARK GREEN, PURPLISH TINGE. VARIABLY WEAKLY TO MODERATELY MAGNETIC META ARGILLITE? UP TO 1% FINE DISS. PY. 1% PINK CALCITE QUARTZ VEINS 917-920 - QUARTZ CHL. SCHIST 40' INCREASINGLY COMPLEX 920-927 - CHLORITIC FAULT GOUGE 40° 922-955 - MIXTURE OF CHLORITIC GREEN BANDS AND 922 REDDISH BROWN H=6 META SS? 941-950 - QUARTZ VEINLETS AND ASSOCIATED 5% PYRITE 950-955 - 20% QUARTZ VEINING AND PURPLISH GREY SEDIMENT? BLEACHING? "SYENITE TRACIE" BANDS? 1CM WIDE @ 10° TO C.A. PURPLISH GREY COLOR IS FROM SPECUL-WHITE RICH BANDS 250 UP TO 35% SPEC. 510% PY	TEST 890-895 71570 NIL 895-900 71571 NIL 910-915 71572 .002/.002 905-910 71573 NIL 910-915 71574 .002 915-920 71575 NIL 920-925 71576 NIL 925-930 71577 .002 930-935 71578 .002 935-940 71579 .002/.005 940-945 71580 .002 945-950 71581 .002 950-955 71582 NIL 955-960 71583 NIL 960-965 71584 NIL 965-970 71585 NIL 970-975 71586 .005 975-980 71587 NIL	
955-973	QUARTZ CHLORITE SCHIST FOLD @ 20-30° TO C.A. BROWNISH TINGE (CARBONATE?) UP TO 10% DISSEM. PY. SEVERAL POSSIBLE BLEACHED BOTTLING SYENITE DYKES @ 25° TO C.A. 971 - 6" QUARTZ VEIN @ 25° TO C.A. 972'-973' BRECCIATED (RIP-UP) REDDISH BROWN METASED BAND W DEEP RED JASPER BAND 1" WIDE 25° 1 FOOT OF CHLORITIC FAULT GOUGE		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
973-1130.4	<p>SOAPSTONE AND SOAPSTONE BRECCIA: BLACK, H=4.5 BUT LOCALLY SILICIFIED 1-2% PINKISH QUARTZ CALCITE VEINS AND 1% BANDS OF BIOTITIC, PINKISH MATERIAL</p> <p>1015-1020 - LIGHT GREY, SILICIFIED, BRECCIATED H=5.5 2% FINE PYRITE</p> <p>1030' FOLDS 45° TO C.A.</p> <p>1034-1035 - FAULT GOUGE W QUARTZ & FELDSPATHIC MATERIAL AND 1-2% DISS PY.</p> <p>1080 - 2" FAULT GOUGE @ 85° TO C.A.</p> <p>1085-1086' BIOTITE SYENITE DYKE @ 30-35° TO C.A.</p> <p>1089-1090' BIOTITE SYENITE AS ABOVE</p> <p>1100-1109' - DARK GREY TO BLACK H=6 PERVASIVELY CALCAREOUS (CALCITE ALTERATION) MAFIC DYKE?</p>	<p>1010-1015 71588 1015-1020 71591 1020-1025 71590 1025-1030 71591 1030-1035 71592 1035-1040 71593</p> <p>1085-1090 71594 1090-1095 71595 1095-1100 71596 1100-1105 71597 1105-1110 71598 1110-1115 71599</p>	<p>NIL .002 NIL NIL</p>
<p>1130.4 1130.4</p>	<p>250</p> <p>FELDSPAR PORPHYRY GREYISH BROWN H=6 MASSIVE COARSE GRAINED 65% SUBANGULAR TO ANGULAR FELDSPAR PHENOCRYSTS UP TO 2MM IN SIZE 2% FINE DISS. PYRITE</p> <p>1149'-1150' } DARK GREY H=6 VERY FINE GRAINED MASSIVE 1151-1157' } TO WEAKLY FOLIATED MAFIC DYKE? 2% FINE DISSEM. PYRITE LOCALLY LIGHT GREY BRECCIATED W 10% PY.</p>	<p>1140-1145 71600 1145-1150 71601 1150-1155 71602 1155-1160 71603 1160-1165 71604 1165-1170 71605 1170-1175 71606</p>	<p>.005 .005/.002 .002 .002 .002 NIL NIL</p>
1157-1314	<p>1158.3-1160' - PINKISH BIOTITIC BAND @ 30° SOAPSTONE DARK GREY TO BLACK W MULTIPLE PINKISH BIOTITIC BANDS AS ABOVE AND 3% PINKISH QUARTZ CALCITE VEINLETS FOLDS @ 25-30° TO C.A.</p>		
	<p>1287' - MORE UM FLOW TEXTURED MATERIAL STILL H=4 MEDIUM GREEN, TALCOSE</p> <p>350</p>		
1314-1323.5	<p>PERIDOTITE: DARK GREEN BLACK, MEDIUM GRAINED LOCALLY OLIVENE CLUSTERS UP TO 5MM H=4.5</p>		
1323.5-1415	<p>1cm FAULT GOUGE @ 30°</p> <p>VERY FINE GRAINED H=6 DARK GREEN (HORNFELSED?) THOLEIITIC METAVOLCANICS. MASSIVE TO WEAKLY FOLIATED @ 35°-45° 1% DISS. PYRITE THROUGHOUT.</p>		
	<p>E.O.H. 1415'</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1175 - 1323	<i>Additional assays.</i>	1175-1180	1363 NIL
		1180-1185	1364 NIL
		1185-1190	1365 NIL
		1190-1195	1366 NIL
		1195-1200	1367 NIL
		1200-1205	1368 NIL
		1205-1210	1369 NIL
		1210-1215	1370 NIL
		1215-1220	1371 NIL
		1220-1225	1372 .015/.020
		1225-1230	1373 NIL
		1230-1235	1374 NIL
		1235-1240	1375 NIL
		1240-1245	1376 NIL
		1245-1250	1377 NIL
		1250-1255	1378 NIL
		1255-1260	1379 .002/.002
		1260-1265	1380 NIL
		1265-1270	1381 NIL
		1270-1275	1382 NIL
		1275-1280	1383 NIL
		1280-1285	1384 .002
		1285-1290	1385 NIL
		1290-1295	1386 NIL
		1295-1300	1387 NIL
	1300-1305	1388 .002	
	1305-1310	1389 NIL	
	1310-1315	1390 NIL	
	1315-1320	1391 NIL	
	1320-1323	1392 NIL	

See Additional Assays.

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE MAY 2/88 PAGE: 1 OF 4

HOLE NO. N-88-102 DIP -60 AZMIUTH 340° LOGGED BY D MEYER

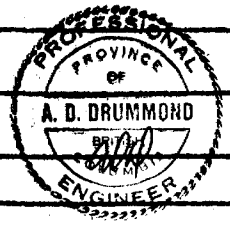
CORE SIZE BQ TOTAL FOOTAGE 14.37' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 215 METRES = 705' = 62° LOCATION: 15+00N ; 27+00W
434 M = 1424' = 64°

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 180.

DRILL TIME: START APRIL 29/88 FINISH MAY 4/88 NIGHT MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS. # II DRILL
69 boxes



FOOTAGE	DESCRIPTION
0 - 180.	OVERBURDEN
180. - 221'	DARK BLUE GREY SPECULARITE BEARING (10% SPECULARITE) FINE GRAINED TO MEDIUM GRAINED STRONGLY MAGNETIC MASSIVE TO WEAKLY FOLIATED. UP TO 2% DISS. PYRITE 210-221' - BECOMING MEDIUM GRAINED PORPHYRITIC? 15% QUARTZ PHENOS UP TO 1MM POSSIBLY QUARTZ FELDS FRAGS (ARROSE)
221 - 250	TALL BLEACHED ^v ROUNDED FRAGS OF ABOVE MATERIAL IN CHLORITE MATRIX CHLORITE/QUARTZ CARBONATE SCHIST. DARK GREEN TO BLACK H=4.5 CONTORTED FOLD VARIABLE FROM 20-55° TO C.A. PREDOMINANTLY ~ 30° SEVERAL FAULT GOUGES @ 30° TO C.A. 245-246. - QUARTZ VEIN @ 30° TO C.A. w/ CHLORITIC FRACTURES.
250 - 334	40° BLUE-BLACK SPECULARITE BEARING META SEDS AS FROM 150.44-221 - VERY HARD COMPLENT ROCK 0.5% SERICITE STRINGERS UP TO 0.5mm
334' - 352	45° TALL CHLORITE SCHIST DARK GREEN FINE GRAINED H=4. CONTORTED, PERVASIVELY CALCAREOUS (REACTS STRONGLY w/ HCL) 335-336' - BAND OF META SEDS AS ABOVE; BLUE BLACK H=6 w/ 5% PYRITE 341-347' - MULTIPLE BANDS OF ABOVE META SEDS 343' - FAULT RUBBLE 351-352 - SUB ROUNDED FRAGS OF H=6 META SEDS IN CHLORITE VUGGY QUARTZ (CALCITE) w/
352 - 395	45° DARK GREY AND REDDISH FINE GRAINED H=6 META SEDS MULTIPLE SERICITE AND BLEACHED FRACTURES. GIVES ROCK A MOTILED APPEARANCE UP TO 3% FINE DISS. PYRITE THROUGHOUT MODERATELY MAGNETIC 5% SPECULARITE

330-335 71602 NIL
 335-340 71609 NIL
 340-345 71610 .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
395 - 420	GRADATIONAL - PREDOMINANTLY RED COLORED (JASPER) HEMATIZED MOTTLED (AS ABOVE) H=6 METASEDS. FELDSPATHIC FRAGS ROUNDED ELONGATE BEING ALTERED (TO SERICITE)?		
420 - 506	MIXED REDDISH AND DARK GREY COLORED IRONSTONES HEMATITE BEARING FINE TO MEDIUM GRAINED MAGNETIC H=6 METASEDS MINOR YELLOWISH SERICITIC? META SLTSTONE BANDS. 490' PINK QZ CALCITE UN W PY ± CPY 350' ROCK IS DEEP RED (JASPER MCH) NEAR CONTACT ALSO PINK QUARTZ CALCITE VEINING	485-491 71611	NIL
506 - 521	DARK GREEN W PINKISH TINT (HEMATITE) COARSE GRAINED H=5 - 4.5 PERIDOTITE OR GABBRO INTRUSIVE		
521 - 581	GRADING FROM DEEP RED (JASPER) TO PINKISH TO PURPLISH GREEN H=6 METASEDS. UP TO 5% FINE PYRITE "ROCK IS SHATTERED" BUT ANNEALED FOLDS POSSIBLY ~ 20°		
581 - 618	GRADING INTO PALE PINKISH BROWN INCREASING SERICITE ALTM? H=5.5		
618 - 755	GRADING INTO PALE YELLOWISH GREEN, FINE GRAINED H=5 SERICITIC META ARGILLITE FOLDS INDETERMINABLE 640-755 PATCHES OF CHLORITE, FLOW TEXTURED MATERIAL, (5%) POSSIBLE UM DYKES W HEMATITE BEARING (JASPER) QUARTZ VEINS @ 20° TO C.A. TR CPY. ALSO STOCKWORK OF GREYISH QUARTZ VEINS @ RANDOM ORIENTATION W ASSOCIATED 5% PYRITE IN BLEACHED HALO	637.5-640 71612 640-645 71614 645-650 71615 650-655 71616 655-660 71617 660-665 71618 665-670 71619 670-675 71655 715-720 71620 720-725 71621	.002 L13 DISCARDED .002 .002 .005/.002 .002 NIL NIL NIL .002/.002 NIL
755 - 903	GRADATIONAL ~ 45° INCREASING HEMATITE CONTENT TO PURPLISH GREEN MEDIUM GRAINED H=5. METAGRWK. 2% DISSEM PYRITE. 836-851 - REDDISH BROWN H=6 META SS. 862-889 - REDDISH BROWN, FINE GRAINED H=6 METASED BAND @ 10° TO C.A. 30° FOLD @ 5-25° TO C.A. 30° SHARP	845-850 71622 870-895 71623 895-900 71624 900-903 71625 903-907 71626	NIL NIL NIL NIL NIL
903 - 912	MEDIUM TO COARSE GRAINED, DARK GREEN H=5 - 4.5 CALCITE ALTERED MODERATELY MAGNETIC PERIDOTITE OR GABBRO INTRUSIVE. 10% PINK QUARTZ CALCITE VEINS. 1-2% COARSE PYRITE CUBES	907-912 71627	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
912-953	CHERT HEMATITE IRON FORMATION BRECCIA AND/OR CHLORITIC META ARGILLITE. ROCK IS COMPOSED OF ANGULAR FRAGS OF GREEN META ARGILLITE? UP TO 1" IN MATRIX MATERIAL OF DEEP RED JASPER AND CHERT. 30% COARSE PYRITE ICPY STRONGLY MAGNETIC	912-917 71628 917-922 71629 922-927 71630 927-932 71631 932-935 71632 935-940 71633 940-945 71634 945-950 71635 950-953 71636 953-958 71637 958-961.3 71638	NIL NIL NIL/.002 NIL NIL NIL NIL NIL .002 NIL NIL
953-961.3 F	CHLORITE TALL QUARTZ SCHIST SHEAR ZONE. BANDS OF REDISH BROWN H=6 META SED AND QUARTZ VEINS @ 30-55° TO C.A. IN CHLORITIC TALCOSE MATRIX ALSO: PALE PURPLISH GREY H=6 PYRITIC BANDS (SY-TRACH) UP TO 3% FINE PYRITE THROUGHOUT 460' FAULT GOUGE 40°	961.3-965 71639 965-970 71640 970-975 71641 975-980 71642 980-985 71643 985-989 71644 989-993 71645 993-998 71646 998-1001 71647	NIL NIL NIL/.002 .002 NIL .002 .002 NIL NIL
961.3-1001	MOTTLED RED-BROWN AND GREENISH H=6 META SEDS FINE GRAINED W YELLOWISH GREEN SERICITE WISPS UP TO 30% OF ROCK GIVING MOTTLED APPEARANCE ALSO 961.3-971- SEVERAL PURPLISH GREY, FELSIFIED BIOTITE SYONITE DYKES? 0.5% VERY FINE PYRITE 989-1001 1001- HIGHLY CONTORTED, SHEARED META SEDS FOLIA 40-45° W 30% PURPLISH GREY PYRITIC BANDS ~ 1mm WIDE AS A WHOLE, ROCK HAS UP TO 5% DISSEM PYRITE. FRACTURE SET // TO CORE AXIS 35°	1001-1005 71648 1005-1000 71649	.002 .002
METASEDS			
1001-1009 Contact M.F.Z.	FAULT; PINKISH QUARTZ CARB VEINS, SHEARED META SED MATERIAL + FAULT GOUGE 15°?	1010-1015 71650 1015-1020 71651 1020-1025 71652 1025-1030.3 71653	NIL/.002 NIL/.002 .002 .002
1009-1030.3	SOAPSTONE DARK GREEN TO BLACK. FOLIATED @ 20°-45° LOCALLY SILICIFIED (AROUND PINKISH QUARTZ CARB VEINS) W UP TO 5% DISSEM. + STRINGER PYRITE AND 10% SERICITE WISPS (MICROFRACTURES?) HEMATIZED. 30° PINK QUARTZ CALCITE VEINS	1030.3-1035 71654	NIL
1030.3-1260	OLIVINE PERIDOTITE: BLACK, W PINKISH TINGE. COARSE GRAINED H=4.5 PINKISH OLIVINE CLUSTERS UP TO 1CM 1% PINK QUARTZ CALCITE VEINS 0.3% DISS. PYRITE Locally totally soapstone 1040 → No obvious olivine - prob. a pyroxenite. 1089-1093 chl-qtz-fdc schist w/ gray 6" siliceous dyke 0.5% py. 1093-1094 Fault gouge. 1070-1094 Slightly more siliceous w/ slightly more green chl.	1070-1075 71656 1075-1080 71657 1080-1085 71658 1085-1089 71659 1089-1093 71660 1093-1099 71661	NIL NIL NIL NIL NIL NIL/NIL
	cont.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1182-1187	Dark gray, v.f.g., unfoliated, slightly pyritic (tr) basic dyke. Pink carb ² vein at upper contact. Upper contact 10° sheared. 20' section above dyke pink carb rich. Lower contact 55° sharp	1158-1163 71662 1163-1168 71663 1168-1173 71664 1173-1178 71665 1178-1182 71666 1182-1187 71667	NIL .002 NIL NIL NIL .002/NIL
	Contact 25° marked by 2" gtz vein		
1260-1360	Dark green, locally foliated (25°) locally brecciated chl-talc-gtz-carb schist - locally a soapstone but derived from U.M. flow. Good spinifex in some fragments. Unit quite calcareous. Contains 8-12" frags of dyke of gray f.s. foliated (45°) basic dyke material containing 1-2% coarse pyritic cubes 2mm ±. Pyrite content away from dyke Nil to tr.	1260-1265 71668 1265-1270 71669 1270-1275 71670 1275-1280 71671 1280-1285 71672 1285-1290 71673	.002 NIL NIL NIL NIL NIL
	1260-1275 15% basic dyke - 0.5% py. 1275-1290 Very talc rich essent. nil py		
	1345-1360 Very siliceous (H=5.5±) pyritic 2-3% - questionable sericit-, micro shatter gtz veins, may be "syenite trace" mod brecciated, brown to dark gray frags. Strongest zone 1345-1352. Section 1352-1360 more talc rich, less silica, less py 1-2%.	1335-1340 71674 1340-1345 71675 1345-1348 71676 1348-1352 71677 1352-1356 71678 1356-1360 71679 1360-1365 71680	NIL .010 .030 .094, .045 } .090, .040 } .041 .025 .010 .002
	Contact 50° sharp - slight brecciation in schist		
1360-1420	Dark green, fine to med grained, locally talcose olivine peridotite. Very magnetic, Nil sulphides, fairly massive cluster olivine type.		
	Contact 70°? broken Slight fault in tholeiite		
1420-1437	Dark green to gray, v.f.g. slightly brecciated tholeiitic type meta volcanic Dis py. 0.5-1%. cubes up to 2mm.	1420-1425 71681	.030/.020
	E.O.H 1437		

10.1 1296

105
11

.032
20

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
1290 - 1335	<i>Additional assays</i>	1290-1295 1393	NIL	
		1295-1300 1394	NIL	
		1300-1305 1395	NIL	
		1305-1310 1396	NIL	
		1310-1315 1397	NIL	
		1315-1320 1398	NIL/NIL	
		1320-1325 1399	NIL	
		1325-1330 1400	NIL	
		1330-1335 1401	NIL	
1335 - 1420			1365-1370 1402	NIL
			1370-1375 1403	NIL
			1375-1380 1404	NIL
			1380-1385 1405	NIL
			1385-1390 1406	NIL
			1390-1395 1407	NIL
		1395-1400 1408	NIL	
		1400-1405 1409	NIL	
		1405-1410 1410	NIL	
		1410-1415 1411	NIL	
		1415-1420 1412	NIL	

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE May 16, 1988 PAGE: 1 OF 4

HOLE NO. N-88-103 DIP -60 AZMIUTH 340° LOGGED BY D.A. Howard

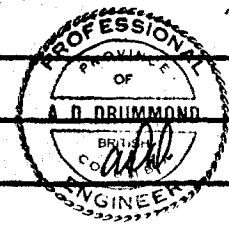
CORE SIZE BQ TOTAL FOOTAGE 1443.5' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -60.5° @ 1404' LOCATION: 16+00N 28+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 112'

DRILL TIME: START May 4/88 FINISH May 9/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0-112	Overburden
112-445	<p>Dark gray, red, grayish green, partially mottled, v.f.g., unfoliated, mod to intensely shattered (qtz/chl or local sericite), multi directional sheffering meta sed. Tc to ±19, dis py plus haubue veins locally, specularite common. Narrow attraction envelopes common on haubue fractures. 1/8" qtz veins commonly messy</p> <p>251-253 Weak fault zone - minor gouge development, mostly chl.</p> <p>260-261 Greenish gray, fine-grained, porph. biotite (chl) qtz dark dyke. w/ 0.5% dis py. upper contact 30° sharp. lower contact 30° sharp.</p> <p>405 → Sharp increase in chl ± sericite alt. giving sed. a darker green to grayish green colour. slightly foliated 30°</p> <p>412-420 Fault zone - Broken core, more gouge</p>
Contact	<p>Gradation - Marked by increase in foliation (40°) and increase in qtz-chl schist appearance. Mod. brecciation in meta sets above contact - qtz cemented.</p>

440-445 71682 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
445-573	Dark to light green with narrow purplish sections, well foliated (45°) locally moderate brecciation, local kink banded Qtz veins, moderately siliceous. H= 5-5.5 Qtz-chl-carb ± talc schist. Some sections contain minor falc. Very irregular band and/or fragments of reddish meta sed. common - caught up in foliation. Dis py content variable. Tr - 1+%	445-450	71683	NIL
		450-455	71684	NIL
		455-460	71695	NIL
		460-465	71686	NIL
		465-470	71687	NIL
		470-475	71688	NIL
		475-480	71689	.005
		480-485	71690	NIL
		485-490	71691	NIL
		495-509	71692	NIL
		495-500	71693	NIL
		500-505	71694	NIL
		505-509	71695	NIL
		509-514	71696	.002
		514-519	71697	.005
519-524	71698	.002		
	445-495 1% dis py, quite siliceous			
	495-509. Reddish v.f.s. meta sed w/ a.s.g. py. schist Qtz veins, upper contact 30° - Qtz cemented breccia Lower contact 30° sharp.			
	509 → More talcose + darker green. chl.			
	566 1' fault zone			
	Contact 30° sharp - Several 1/2" Qtz veins // to contact			
573-577.5	Dark purplish red, v.f.s., well foliated (30-45°), very siliceous H= 5.5, locally brecciated (Blk chl. cement) meta sed. Tr dis py r mainly with Qtz veins. Contact 45° sharp.	573-577.5	71731 .002	
577.5-902	Green to emerald green, well foliated (30-45 - highly variable), kink banded, locally finely laminated, mod to very siliceous. (H= 5-6) Qtz-chl ± mariposite ± sericite - carb schist. contains several 2"-10' band of strongly hematite alteration (Low chl/mariposite) Essentially nil py except in hematite altered band where it gets to Tr. (Probable sed. parent)	621-626	71699 .002	
		626-631	71700 .002	
		673 → Increase in mariposite over chl., very slight increase in py. and contains intense sericite alt. sections - no chl or mariposite	803-888	71701 NIL
		888-902 Mixed schist and hematized/brecciated meta sed.	888-893	71702 NIL
			893-898	71703 .005/.002
			898-902	71704 NIL
		902 Contact - Major Fault - Broken/gouge etc.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS	
902-929	Major fault zone: Mixed chl-gtz-talc-carb schist, hornitized meta sed and/or syenite, chlorite gouge and gtz fragments. Very minor py. Every thing brecciated. Core recovery good. Shear angle 30-50 variable.	902-907 71705	NIL	
		907-912 71706	NIL	
		912-917 71707	NIL	
		917-922 71708	.002	
		922-926 71709	NIL	
		926-929 71710	NIL	
		929-934 71711	NIL	
929	Contact - breccia			
929-1004	Dark green, partially foliated (40-45°) soft Hc 2.5-3.5 locally brecciated, very few gtz. veins, highly sheared chl-talc-carb schist. Some sections contain good spinifer texture. Bare to dis py.			
		968-969	Dark gray, fine to med. gr. biotite lamprophyre dyke Upper contact 60°, lower contact 30° both sharp	
		973-979	Same type dyke as above. Upper contact 30° lower contact 60°	979-986 71712 .002 986-991 71713 .010/.010
		991-1104	Fine grained lamprophyre dyke Upper contact 30° Chl-talc schist between 979 and 991 hornitized, more silicified and hard. Slightly more py. Lower Contact 30 sharp.	
		Contact - Sharp 30°	Approx 1' hornitized on footwall.	1004-1009 71714 NIL
1004-1069	Olive green, mod. well foliated (50°) very siliceous (Hc 5-5.5) micro brecciated. Qtz-chl-sericite ± mariposite-carb schist Bare to dis py. Sericite as an alt. phase	1009-1014 71715	NIL	
		1014-1018 71716	.002	
		1018-1023 71717	.002	
		1023-1028 71718	.002	
		1028-1034 71719	.002	
		1034-1039 71720	.002/.005	
		1039-1044 71721	NIL	
		1044-1049 71722	NIL	
		1049-1054 71723	.002	
		1064-1069	Some graphite along foliation - may in part be alt. thurrite.	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		1054-1059 71727	1002
		1059-1064 71725	NIL
		1064-1069 71726	.005
	<u>Contact 40° Graphitic fault zone</u>		
1069-1114	light gray to greenish gray, v.f.g., unfoliated sornite/carb alt. tholeiitic type meta volcanic. Mod. graphitic near upper contact, also micro brecciated. Tr. dis py. particularly along frad. planes.	1069-1074 71727	1005
		1074-1079 71728	1002
		1079-1084 71729	.025/.025
		1084-1089 71730	.015
	<u>Contact 50° Sharp (Hauling fracture)</u>		
1114-1443.5	Green, v.f.g., unfoliated tholeiitic type meta-val. speckled for few feet from upper contact Bare trace dis py. E.O.H. 1443.5		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE MAY 19/88 PAGE: 1 OF 4

HOLE NO. N-88-104 DIP -60° AZMIUTH 340° LOGGED BY D. NEYER

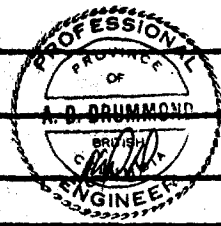
CORE SIZE BQ TOTAL FOOTAGE 1207.0 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -60° @ 1207' LOCATION: 16+00 N : 29+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 42.65

DRILL TIME: START May 10/88 FINISH May 14/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS # II DRILL



FOOTAGE	DESCRIPTION
0 - 42.65	OVERBURDEN
42.65 - 156	<p>INTERBANDED MEDIUM GREEN H=5.5-6 MEDIUM GRAINED META SEDS AND REDDISH BROWN MEDIUM GRAINED "GRANULAR" H=6 META SEDS PROBABLY META GRWK + SS'S. MODERATELY MAGNETIC</p> <p>61-75' - FOL^d @ 40-50° TO C.A. W 5% CHLORITIC, SERICITIC, SPECULARITE BEARING. BANDS W UP TO 5% PYRITE.</p> <p>105-156' VUGGY, WEATHERED OUT QUARTZ CALCITE VEINS (SPECULARITE BEARING)</p> <p>132-140' - HIGHLY CALCAEUS, FIZZES VIOLENTLY WITH HCL LIGHT GREEN FOLIATED ROCK. SCHIST POSSIBLE UM. FLOW ROCK.</p> <p>151-156' - FAULT ZONE. FAULT GOUGE AND SCHIST @ ~200 TO C.A.</p>
156' - 200'	<p>FINE GRAINED DARK TO MEDIUM GREEN. SPECULARITE BEARING H=5.5 WEAKLY TO NON-MAGNETIC META SEDS. META GRWK/ARGILLITE</p> <p>198-200' - RUSTY BROWN LIMONITE STAINED FRACTURES SHEAR ZONE @ 45°</p>
200 - 313	<p>PALE PINKISH AND GREENISH H=6 META SEDS LOCAL HFS SERICITE BANDS UP TO 2" WIDE AND LIMONITE STAINED FRACTURES.</p> <p style="text-align: center;">GRADATIONAL CONTACT</p>
313 - 335	<p>PURPLISH GREY GREEN MOTTLED HEMATIZED (3% SPEC)</p> <p>FINE GRAINED META SEDS. MOTTLED APPEARANCE COMES FROM STOCKWORK OF QUARTZ STRINGERS AND ASSOCIATED BLEACHING</p>
335 - 381	<p>PINKISH AND YELLOWISH H=6 META SEDS PROB. SS AND QUARTZITES</p>

61-66 17144 NIL
 66-71 17145 NIL
 71-75 17146 .002/NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
370-381'	INCREASED HEMATITE CONTENT (DARK GREY COLOR. 1-2% PY)	370-375 17147 375-380 17148	NIL NIL
381-390'	DARK GREEN H=5.5 - COARSE GRAINED METASEDS OR POSSIBLE TUFF UNIT. LOCALLY UP TO 2% FELDSPAR FRAGS UP TO 1/4". TR. TO NIL PY. 40°		
390-424	PINKISH AND GREENISH SERICITE/CHLORITE RICH FINE GRAINED SEDS AS FROM 335-381' FOLD @ 40° & 45' 40°		
424-442	DARK GREEN H=6 MEDIUM GRAINED HEMATITIC (5% SPECULARITE) 1-2% PYRITE ASSOCIATED WITH WHITE QUARTZ MICROSTRINGERS. GRADATIONAL		
442-496'	SHEAR ZONE: SHEARED, CHLORITIC AND SS TYPE SEDS. FOLIATION @ 40-50° TO C.A. SS IS RED H=6 HEMATITIC. 0.5% DISS. PY. CHLORITIC BANDS ARE FINELY SHEARED. SOME FAULT GOUGE 40°	440-445 17149 470-475 17150	.002 NIL
496-552	TALC CHLORITE SCHIST HIGHLY CONTORTED W BOUNDING OF PINKISH QUARTZ RICH SS. ALSO BANDS OF PURPLISH (HEMATIZED) META SS. (POSSIBLE SYENITE DYKE?) SOME BANDS HAVE UP TO 1% FINE DISS. PYRITE + INCREASING NUMBER OF STOCKWORK TYPE QV. 540-541 - QUARTZ VEIN. HIGHLY FRACTURED (BRECCIATED) 541-549 - FAULT GOUGE. CHLORITIC W FRAGMENTS OF QV. 549-552 - PINKISH BLACK "SPOTTED" CARBONATED INTRUSIVE ROCK H=5 MASSIVE, MEDIUM GRAINED 40°	496-502 17151 502-508 17152 508-515 17153 515-520 17154 520-525 17155 525-530 17156 530-535 17157 535-540 17158 540-545 17159 545-550 17160 550-552 17161 552-557 17162	.002 .002 .002 .002 .002 .002 .005 .005/.005 NIL NIL NIL
552-590	CHLORITE ± MARIPOSITE QUARTZ SCHIST CONTORTED, MEDIUM GREEN H=5 KINKBAND @ 30° TO C.A. FOLD @ 30°-50° TO C.A. GRADATIONAL		
590-656	SOME UM FLOW TEXTURES VISIBLE IN CHLORITE ± MARIPOSITE QUARTZ SCHIST POSSIBLE SPINIFEX. ROCK MORE CONTORTED AND BRECCIATED. UP TO 40% BANDS OF REDDISH BROWN H=6 FOLIATED (SHEARED) METASEDS UP TO 5 FEET @ 30°-50° TO C.A. LOCAL AREAS OF CHLORITE QUARTZ PELASPAN BRECCIA (FAULT ZONES): 617-619 } CHLORITE QUARTZ BR ZONES 627-629 } NIL TO TRACE PYRITE 30°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
656-755	GRADING TO EMERALD GREEN CHLORITE ± MAR ± SERICITE QUARTZ SCHIST. ^{H=5-6} FEWER YELLOWISH AND PINKISH BANDS (2-3%) (ELSEWHERE HAVE BEEN CALLED BUFF DYKES: FOLIATED (SHEARED) W/ 5% CHLORITE ± MARIPPOSITE FLAKES. NIL TO TR PYRITE 712-716' - PINKISH-YELLOWISH MEDIUM GRAINED META GRWK BAND @ 40° TO C.A. 715-755 FOLD LOCALLY WAVY; STEEPENING? TO 0-150 TO C.A.		
————— GRADATIONAL CONTACT			
755-808	INCREASED SERICITE CONTENT IN CHLORITE SER MAR QUARTZ SCHIST. ROCK IS YELLOWISH, H=5 FOLIATION STILL WAVY, 150-500 TO C.A. FOLD SHALLOWING? TO 50° TO C.A. 45°		
808-844	DULL GREEN CHLORITE QUARTZ SCHIST. INCREASED NUMBER OF BANDS OF UM FLOW TEXTURED MATL. FOLD MORE REGULAR @ 50-60° TO C.A. NIL TO TRACE FINE PYRITE 40°	840-844	17163 NIL
844-863	TRANSITION ZONE: DARK RED BROWN SHEARED H=6 META SEDS NON MAGNETIC. 0.5% FINE PYRITE W/ 5% CHLORITIC AND YELLOWISH SERICITE WISPS (SHEAR PLANES) 35°	844-850 850-855 855-860 860-865 865-870	17164 .002 17165 .002/.002 17166 .002 17167 .002 17168 NIL
863-904	SCAPSTONE • DARK GREEN H=4 SEVERAL FAULT GOUGES @ 30° TO C.A. SAME AS FOLD * 893-894 - PURPLISH, H=5 PYRITIC (10% FINE PYRITE) BAND (SYENITE?) 894-904 - CHLORITIC, TALCOSE FAULT GOUGE. 40°	870-875 875-880 880-885 885-890 890-895 895-900 900-904 904-908	17169 NIL 17170 NIL 17171 NIL 17172 NIL 17173 NIL 17174 NIL 17175 NIL 17176 .035
904-922	HEMATITIC, CHLORITE RICH ROCK. DEEP REDDISH JASPER COLOR + DARK GREEN H=5 CHLORITE FINE GRAINED. UP TO 3% FINE PYRITE. HEMATITE IS IN QUARTZ VEIN STOCKWORK. 922-928 FAULT GOUGE 40°	908-912 912-915 915-920 920-925	17177 .120/.110 M. .140/.085/.014 17178 .06/.06 17179 .055 17180 .020
922-959	SCAPSTONE BRECCIA DARK GREEN PAUC CHLORITE SCHIST BRECCIA. BRECCIATED BY WHITE CARB QUARTZ STRINGERS 935-940 - FAULT GOUGE 956-957 - QUARTZ VEIN IN CHLORITIC FAULT GOUGE 35°	925-930 930-935 935-940 940-945 945-950 950-955 955-960	17857 NIL 17858 .015/.010 17859 NIL 17860 .002 17861 NIL 17862 .002 17863 NIL
959-983	DARK GREY-BLACK H=5-5-6 MAFIC DYKE? WEAKLY FOLIATED @ 40° POSSIBLE ORANGY FELDSPAR PHENOCRYSTS AND BIOTITE FLAKES LOCALLY ALTERED TO CHLORITE. MINOR PYRITE 35°	960-965 965-970 970-975 975-980 980-983	17864 NIL 17865 NIL 17866 NIL 17867 NIL 17868 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
983-1054	QUARTZ, CHLORITE ± MARIPOSITE BRECCIA. STOCKWORK OF WHITE AND GREYISH QUARTZ STRINGERS NIL PYRITE H=S.S. 989-993 - PORPHYRIC DYKE? COARSE GRAINED, PROBABLY ALTERED EQUIVALENT OF ABOVE DYKE (989-983) * 1028-1029 - PALE GREY SILICEOUS BAND, WITH 30% FINE DISSEMINATED AND STRINGER PYRITE 1040-1054 - ROCK BECOMING GREENISH GREY COLOR INCREASING SERICITE CONTENT? ± GRAPHITE	983-986 17101 .002	
		986-989 17182 NIL	
		989-993 17183 NIL	
		993-998 17184 .002	
		1008-1015 17185 .002	
		1015-1020 17186 .002	
		1020-1025 17187 NIL	
		1025-1030 17188 .002	
		1030-1035 17189 .002	
		1035-1040 17190 NIL	
1054-1056	GRAPHITE, PYRITE QUARTZ VEINING ZONE. UP TO 40% BANDS OF "SEDIMENTARY-TYPE" PYRITE 45°	1040-1045 17191 .002	
		1045-1050 17192 NIL	
		1050-1054 17193 NIL	
		1054-1056 17194 .005/.002	
		1056-1060 17195 NIL	
1056-1113	THOLEIITIC METAVOLCANICS, FINE TO MEDIUM GRAINED POSSIBLY TUFFACEOUS, LIGHT GREEN H=S, LOCALLY RIPPED-UP INTO BRECCIA OF ANGULAR FRAGS UP TO 1" IN SIZE IN CHLORITIC CHERT MATRIX LOCALLY WITH UP TO 20% "SEDIMENTARY" PYRITE 1101- 1" BAND OF LIGHT GREY SILICEOUS MATERIAL @ 30° W 2% PYRITE IN STRINGERS 35°	1060-1065 17196 .002	
		1065-1070 17197 NIL	
		1098-1100 17198 NIL	
		1100-1102 71461 .002/.002	
		1102-1105 71462 NIL	
1113-1175	DARK GREEN THOLEIITIC METAVOLCANICS MASSIVE TO POSSIBLY PILLOWED, FINE GRAINED, H=S.S. 20% TAN COLORED CARBONATE "HOOKS" UP TO 0.5MM. NON MAGNETIC 45°		
1175-1207.0	PILLOWED THOLEIITIC METAVOLCANICS, NO CARBONATE "HOOKS" NON MAGNETIC CHLORITIC PILLOW SELVAGES.		
1207.0	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP Garrison

DATE May 23, 1988 PAGE: 1 OF 5

HOLE NO. N-88-166 DIP -60 AZMIUTH 340 LOGGED BY D.A. Howard

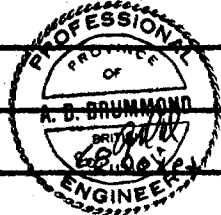
CORE SIZE B.Q. TOTAL FOOTAGE 1273 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 62° @ 1263 LOCATION: 16+00N ; 31+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 33'

DRILL TIME: START Mag 18/88 FINISH May 27, 1988 MECHANICAL TIME

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION
0-33'	Overburden
33'-269	<p>Medium gray to light red to greenish tan to reddish tan, v.f.g., unfoliated, locally vuggy, finely fractured s.s. type meta sed. Tr to 1% finely dis. py, minor hauka qtz veins. Minor limonite along fractures down to 190 ft</p> <p>243-262 2-3% dis + hauka vein type specularite</p> <p>262-269 Mod intense sericite alt. + 1% dis py. + 1% specularite and minor red hematite alt.</p>
<p>METASEDS Contact M.F.Z.</p>	<p>Contact 30° sharp 5%± vein type dis specularite on contact</p>
269-577	<p>Dark green and more emerald green, well foliated (0-45') variable foliation, kink banded, locally brecciated, mod. siliceous (th 5-5.5) Qtz-chl-carb ± mariposite schist. Mariposite mainly near upper contact. Unit contains discontinuous bands and beds up to 3' thick of pink to reddish v.f.g. meta sed. containing 1%± dis py. Schist contains Tr - 0.5 dis py. Parent probably a sed.</p> <p>limonitic shears/fract. at 278, 280, 299, + 303</p> <p>435-479 Fault zone, - Brecciation, gouge, broken blocky core. Mixture of sed + schist</p> <p>479-559 Mod sericite alt. along foliation, some red hematite alt. Low py content.</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	685-690 Pink, f.g. weakly foliated (30°) v. siliceous H=6 meta sed or syenite Tr dis. py.	671-676 17007	.002/NIL
		676-681 17008	NIL
		681-685 17009	.002
	700-701 Brecciated red meta sed/syenite, gtz cement	685-690 17010	NIL
		690-695 17011	NIL
		695-701 17012	NIL
	Contact 30° Brecciated chl/Qtz cement	701-703 17013	.035/.030 *
		703-708 17014	NIL
701-895	Dark green, mod. foliated (30°), locally brecciated, minor kink banding in gtz/magnetite bands/veins, mod. soft H=3-4 Chl-talc-gtz-carb schist. Tr + dis py - slightly more near upper contact.	708-713 17015	NIL
		713-718 17016	NIL
		718-723 17017	NIL
		723-728 17018	NIL
		728-733 17019	NIL
		733-738 17020	NIL
	701-703 Dark brown, v.f.g. brecciated, v. siliceous H=5.5-6 sericite (?) alt. meta sed (looks a little like "syenite trace") 0.5% dis fine py. Contacts 30° sharp.	738-743 17021	NIL
		743-751 17022	.002
	718-743- Slightly more siliceous, 0.5% dis py.	751-756 17023	NIL
	743-751 Dark reddish brown, v.f.g., unfoliated, syenite dyke (meta sed.?) 0.5-1% v.f. dis py. Contacts very irregular, minor gtz veins.	756-761 17024	NIL/NIL
		761-766 17025	.002
		766-771 17026	NIL
		771-776 17027	NIL
	784-794 Gray, v.f.g. equigranular biotite syenite dyke 0.5% dis py. Locally has a purple cast. Upper contact 40° sharp. Lower contact 40° Magnetic	776-780 17028	NIL
		780-784 17029	NIL
		784-790 17030	NIL
		790-794 17031	NIL
	804-808 Purple to orange f.g. unfoliated meta sed. 1% dis py. Upper contact 60°, Lower contact 60°	794-799 17032	NIL
		799-804 17033	NIL
		804-808 17034	.002
	814-820 Gray v.f.g. equigranular biotite syenite dyke magnetic, Tr dis py Upper contact 60° Lower contact 45°	808-814 17035	NIL
		814-820 17036	NIL
		820-825 17037	NIL
		825-830 17038	NIL
	820-833 Possible fault - heavy shearing at 40° also contains some material with good H.M. flow texture. + brown f.s. frags, Slightly more py	830-835 17039	.010/.005
		835-840 17040	.005
		840-845 17041	NIL
		845-850 17042	NIL
		850-855 17043	NIL
		855-860 17044	NIL
		860-865 17045	NIL

Cont.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	BBS-886 Purplish grey, v.f.s. biotite syenite dyke. 17. di p.	865-870 17046	NIL
	872 ± Small fault zone.	870-875 17047	NIL
	887-895 Probable fault - Intense shearing at 40-45° Meta sed. frags, gase.	875-880 17048	NIL
		880-885 17049	NIL
		885-890 17050	NIL
		890-895 17051	NIL
		895-900 17052	NIL
	<u>Contact - Fault 40°</u>		
		900-905 17053	NIL
895-907	Light olive green, well foliated (45-60°), slightly siliceous (H= 4.5-5), microbrecciated Qtz-chl-carb ± sericite schist. Bare to dia py.	905-907 17054	NIL
	<u>Contact ? ground end on core</u>		
		907-910 17055	.002
		910-915 17056	NIL
907-924	Light tan to dark olive green, partially foliated (50-55°) well brecciated (white Qtz ± magnetite cement), very siliceous Qtz-chl-sericite-carb schist. - Part ? "syenite trunc." part buff dyke, part schist. H= 5.5-6 Tr - 0.5 % fine dia py.	915-920 17057	NIL
		920-924 17058	.002/NIL
	Questionable ground core 920-922		
	907-910 Buff dyke / Qtz-schist breccia		
	910-920 "Syenite trachyte" / Qtz-schist breccia		
	920-924 Qtz-schist breccia		
	<u>Contact 30° sharp - parallel to foliation</u>		
		924-929 17059	NIL
		929-934 17060	NIL
924-968	Dark green to dark olive green, well foliated (30-35°) mod. brecciated, slightly siliceous (H= 4.5-5) chl-Qtz-talc ± sericite-carb schist. Minor buff dyke banding and/or fragments. Colour lightens toward lower contact. Tr dia py. Good U.M. flow features.	934-939 17061	NIL
		939-944 17062	NIL
		944-949 17063	NIL
		949-954 17064	NIL
		954-959 17065	NIL
		959-964 17066	NIL
		964-968 17067	NIL
	<u>Contact - Gradational parallel to foliation (30°)</u>		
	Defined by first occurrence of magnetite		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
968-1041	<p>Emerald green to pale gray, locally well foliated (45-50°) very siliceous (H= 5-6); locally micro brecciated gte-mariposite schist interlayered with gte-sericite-carb schist. Both originally Tholeiitic type volcanics.</p> <p>Tr - 0.5 fine dis. py with gray sericite alt var., Almost nil py in mariposite rich var.</p> <p>968-978 Mainly mariposite var.</p> <p>978-985 Tan sericite var. no arseno.</p> <p>985-1001 Mainly mariposite var.</p> <p>1001-1020 Gray sericite var w/ coarse arsenopyrite locally.</p> <p>1001-1002 Graphite on 45° shears</p> <p>1020-1041 Mainly mariposite var.</p> <p>Contact 35° sharp-irregular</p>	<p>968-973 17068</p> <p>973-978 17069</p> <p>978-985 17070</p> <p>985-990 17071</p> <p>990-995 17072</p> <p>995-1001 17073</p> <p>1001-1005 17074</p> <p>1005-1010 17075</p> <p>1010-1015 17076</p> <p>1015-1020 17077</p> <p>1020-1025 17078</p> <p>1025-1030 17079</p> <p>1030-1035 17080</p> <p>1035-1041 17081</p>	<p>NIL</p> <p>NIL</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.005</p> <p>.020/.030</p> <p>.005</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>.002</p>
1041-1078	<p>Greenish gray to darker green, v.f.g. weakly foliated (aligned chl phenos) v. siliceous (H= 5-6) carbonated Tholeiitic type meta volcanic. Almost no sulphides.</p> <p>1049-1050 Graphite - chl - gte shear zone</p> <p>1052-1053.5 Graphite / coarse py shear 10% py vein material up to 1/2" wide.</p> <p>Contact - Gradational - Reduced bleaching increases leucosene</p>		
1078-1272.9	<p>Dark green, v.f.g. typical <u>Tholeiitic type meta volcanic</u></p> <p>f.g. leucosene parallel (defining) to foliation (45°) down to 1109</p> <p>E.O.H. 1272.96</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP Garrison

DATE May 20, 1988 PAGE: 1 OF 4

HOLE NO. N-88-105 DIP -60 AZMIUTH 340° LOGGED BY D. A. Howard

CORE SIZE BQ TOTAL FOOTAGE 1286 DIP TEST: (YES/NO)

DIP FOOTAGE AND DEGREE -59.5 @ 1279' LOCATION: 16+00N 30+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 43'

DRILL TIME: START May 14/88 FINISH May 18, 1988 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION	
0-43	Overburden	
43-354	Med. gray to light red to greenish tan, to reddish tan v.f.s. to f.g. unfoliated, locally vuggy, finely fractured Sandstone type meta sed. To to 17% finely dis. py. Minor haucne qtz veins. Very broken above 115 feet. limonite seams at 107, 110, 115, 149, 156, 184	349-354 71792 NIL 354-359 71793 NIL
354-432	Contact 20° sharp Medium to dark green, locally well foliated (30°) slightly brecciated, in part laminated, in part massive, more siliceous near upper contact. Qtz-chl-carb to chl-qtz-carb-talc schist. A very variable unit - prob. originally a sed. To dis py 372-394 Dark green, very siliceous, v.f.s. slight hematite alt. meta-sed.	359-364 71794 NIL 364-369 71795 NIL 369-372 71796 NIL
432-531	Contact - Broken / qtz vein Dark green, well foliated (highly variable 30-90°) contact bedding (qtz/meta sed bands - haucne - 1") chl-qtz-talc-carb schist with v.f.g. mult. colour meta sed. bands. - <i>W</i> To dis py ± cpy.	
434-460	Wide low intensity fault zone - broken core with minor gouge - No obvious displacement cont.	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
489-499	Several 6"-12" frag in bed of purple, brecciated, v.f.s. meta sed / syenite.	500-504 71797	.002
		504-509 71798	.002
500-508	Fault zone - shear angle 50° gouge / r.t. / gtz frag. 16" white gtz vein on lower contact (50°)	509-514 71799	NIL
		514-519 71800	NIL
		519-524 71801	.002
524-526	reddish purple, v.f.s., well brecciated sericite alt. meta sed. band - contacts both 30-35° 0.5-1% fine py in fracture plus 1% specularite.	524-526 71802	.002
		526-531 71803	NIL
		531-535 71804	.002
526-531	Mod. intense sericite alt. along very irreg. foliation zone actually a gradational contact with unit below.		
	<u>Contact</u> - Gradational		
531-666	Emerald green, well foliated (variable 0-50°) thin, laminated mod. siliceous (H=5) Qtz-mariposite ± chl-carb schist containing bleed bands (ht. ten) of sericite alt schist no chl/mariposite. Tr. dis py ± cpy in sericite alt. section only.		
629-632	Lt brown, intensely micro fractured, very siliceous, pyritic meta sed / syenite. Fin dis py 1-2%. Upper contact 80° lower contact 50°	629-632 71805	.015/.020
		661-666 71806	.002
		666-671 71807	NIL
	<u>Contact</u> narrow gouge zone shear angle 40° / 6" gtz vein on hanging wall.	671-676 71808	NIL
		676-678 71809	.015/.025
		678-680 71810	.002
666-723	Med to olive green, well foliated (25-30°) grading to dark green at 715, mod kink banding, cracks, laminated mod siliceous (upper part of section 5-5.5, lower part 4.5-5) Qtz-chl-carb ± sericite ± talc schist. Good spirifer and M.M. flow textures. Tr. dis py except 676-681 where it is about 1%. 678-680 Red, v.f.s., waxy, shaly meta sed / syenite. 1% dis py. Contacts 20° parallel.	680-685 71811	NIL
		685-690 71812	NIL
		690-695 71813	NIL
		695-700 71814	NIL
		700-705 71815	NIL
		705-710 71816	NIL
		710-715 71817	NIL
		715-719 71818	.002
		719-723 71819	NIL
	<u>Contact</u> Syenite / schist breccia		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
723-729	Reddish brown, v.f.g., finely fractured equigranular syenite dyke or meta sed. 1% fine di. py.	723-729 71820	NIL
	Contact 50° Irregular.	729-734 71821	NIL
729-758	Dark green, well foliated (40°), weakly banded (pink carb on/for streak) soft (H=3-4), magnetic chl-talc-carb schist - in part soapstone	734-739 71822	NIL
	Tr. dis. py along foliation planes.	739-744 71823	NIL
		744-749 71824	NIL
		749-754 71825	NIL
	Contact 50° sharp - chill margin.	754-758 71826	.002
758-838	Dark reddish brown to dark gray, f.g., equigranular biotite syenite. Some sections slightly porp. - questionable gtz eye development. Some pink carb. stringers.	758-763 71827	NIL
	Tr. dis. py.	763-768 71828	NIL
		786-791 71829	NIL
		791-796 71830	NIL
	786-802 Dark green, weakly foliated (30°) soft (H=3) slightly brecciated chl-talc-carb-(gtz) schist	796-802 71831	NIL
	Tr. dis. py - Contact fuzzy, chill margins in syenite	802-804 1413	NIL
		804-812 1414	NIL
		812-818 1415	NIL
		818-820 1416	NIL
		820-825 1417	NIL
		825-830 1418	NIL
		830-835 1419	NIL
		835-843 1420	NIL
	Contact 30° sharp 1/2" gtz/magnete vein on contact.	838-843 71832	NIL
		843-848 71833	.035
838-928	Dark green to olive green, mod. well foliated (35-40°) well brecciated (gtz ± sericite ± magnesite cement) locally sericite altered chl-talc-gtz-sericite schist. Locally contains brecciated frags of v.f.g. tan rock (sed or buff dyke)	848-853 71834	.060/.040
	Narrow sections of spinifer and/or U.M. flow texture. Some sections more silicified than others. Pyrite content variable Tr-17%.	853-858 71835	.010
	Best py assoc. with section of intense brecciation.	858-863 71836	.060
		863-869 71837	.060
		869-873 71838	.010
		873-878 71839	.002
		878-883 71840	.050
		883-888 71841	.105/.130 } ar.
		888-892 71842	.120/.090 } ar.
		892-897 71843	.03
	838-858 Well foliated section, very minor brecciation Tr py	897-902 71844	.002
	858-4" fault zone (gouge)	902-907 71845	NIL
		907-912 71846	NIL
	858-892 Mod to very siliceous, well brecciated, narrow sections contain up to 1% dis. py. Good spinifer texture	912-917 71847	NIL
	Tan breccia frags common. 858-869 best looking section.	917-922 71848	NIL
		922-928 71849	NIL
892-928	More talcose, Little or no py		
	Contact 90° sharp, 2" gtz vein - possible narrow seam of gouge.		

.03
Ar

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
928-1111	<p>Greenish gray to tan to emerald green to light gray, v.f.g. locally foliated (35°), locally intensely brecciated carbonated tholeiitic type meta volcanic. Very hard (H= 5.5-6) Tr. dis py, Non magnetic. Coarse 1/2" cpy blebs near upper contact 928-951 Abundant graphite along fractures. ± chlorite.</p> <p>975-989 Strong mariposite developed along foliation and fractures also other narrow zones of mariposite present throughout section. Sericite alt. strans throughout section</p> <p>1045-1111 Mainly pale gray, 1-2% dis py ± arsenopyrite. Arsenopyrite fairly coarse grained 1mm x 3mm ±</p> <p>1057.5-1059 White qtz/magnetite vein with dis arsenopyrite Upper contact 50°, lower contact 80°</p>	<p>928-932 71850 932-937 71851 937-942 71852 942-947 71853 947-951 71854 951-956 71855 956-961 71856 961-966 71857 966-971 71858 971-976 71859 976-981 71860 981-986 71861 1045-1050 71862 1050-1054 71863 1054-1057.5 71864 1057.5-1059 71865 1059-1064 71866 1064-1069 71867 1069-1074 71868 1074-1079 71869 1079-1084 71870 1084-1089 71871 1089-1094 71872 1094-1099 71873 1099-1104 71874 1104-1111 71875</p>	<p>NIL NIL .020 .002 NIL NIL NIL NIL NIL NIL .020 .015 .002 .030 .015 .040 .030 .040/.025 .035 NIL .015 .005 .040 .005 .020</p>
1111-1286	<p>Pale green to dark green, v.f.g., weakly foliated (30°), foliation defined by aligned fs. leucoxene, typical tholeiitic type meta volcanic. 1-2% dis py in clusters locally, otherwise only a trace dis. py. Minor arsenopyrite locally</p> <p>E.O.H. 1286</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
802 - 838	<i>Additional assays.</i>	802-807 1413 807-812 1414 812-815 1415 815-820 1416 820-825 1417 825-830 1418 830-835 1419 835-838 1420	NIL NIL/NIL NIL NIL NIL NIL NIL NIL

APPENDIX B - Section 2: Drill logs are in the following order for the period July 1 to December 31, 1988.

Bradley Brothers Drilling (Longyear 44 and Boyles 35 drills)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-97	12 N; 34 W	-60	340	1719	July 11 - July 18, 1988	55,698
N-88-98	12 N; 35 W	-60	340	105	July 18 - July 19, 1988	55,803
N-88-98A	12 N; 35 W	-60	340	1443	July 19 - July 25, 1988	57,246
N-88-99						
Wedge	10 N; 35 W	-66	357	1011	July 26 - Aug 14, 1988	58,257
N-88-114	12 N; 36 W	-60	340	1719	July 26 - Aug 8, 1988	59,976
N-88-123	18+70N; 35W	-60	340	499	Aug 16 - Aug 17, 1988	60,475
N-88-124	18+70N; 35W	-65	340	557	Aug 18 - Aug 19, 1988	61,032
N-88-125	18+50N; 34W	-50	340	499	Aug 23 - Aug 24, 1988	61,531
N-88-126	18+50N; 34W	-60	340	597	Aug 24 - Aug 25, 1988	62,128
N-88-129	18 N; 33 W	-47	340	498	Aug 21 - Aug 23, 1988	62,626
N-88-130	18 N; 33 W	-65	340	705	Aug 19 - Aug 20, 1988	63,331
N-88-131	18 N; 31 W	-50	340	656	Aug 11 - Aug 15, 1988	63,987
N-88-132	18 N; 31 W	-55	340	702	Aug 16 - Aug 18, 1988	64,689
N-88-133	18 N; 31 W	-60	340	853	Aug 18 - Aug 19, 1988	65,542
N-88-134	18+20N; 30W	-45	340	558	Aug 10 - Aug 11, 1988	66,100
N-88-135	18+20N; 30W	-55	340	479	Aug 9 - Aug 10, 1988	66,579

Norex Drilling Ltd. (Boyles 35 drills)

Hole No.	Coordinates	Dip	Strike	Length (ft)	From - To Date	Accum. Footage
N-88-89A	16 N; 36 W	-60	340	996	June 30 - July 8, 1988	67,525
N-88-96	16 N; 37 W	-60	340	1406	July 9 - July 12, 1988	68,521
N-88-107	16 N; 38 W	-60	340	1406	July 13 - July 20, 1988	69,927
N-88-108	23 N; 23 W	-65	160	1056	July 20 - July 24, 1988	70,983
N-88-109	23 N; 23 W	-50	160	693	July 25 - July 26, 1988	71,676
N-88-110	23 N; 24 W	-45	160	666	July 27 - July 28, 1988	72,342
N-88-111	24 N; 25 W	-60	160	956	July 29 - Aug 2, 1988	73,298
N-88-112	25 N; 30 W	-50	160	906	Aug 2 - Aug 4, 1988	74,204
N-88-113	22 N; 31 W	-45	160	406	Aug 4 - Aug 8, 1988	74,610
N-88-115	22 N; 32 W	-55	160	526	Aug 8 - Aug 10, 1988	75,136
N-88-116	22 N; 32 W	-65	160	596	Aug 10 - Aug 11, 1988	75,732
N-88-117	23 N; 34 W	-55	160	686	Aug 12 - Aug 14, 1988	76,418
N-88-118	23 N; 34 W	-60	160	801	Aug 14 - Aug 16, 1988	77,219
N-88-120	21 N; 36 W	-45	160	356	Aug 17 - Aug 18, 1988	77,920
N-88-121	21 N; 36 W	-65	160	606	Aug 18 - Aug 19, 1988	78,526
N-88-122	21 N; 36 W	-70	160	696	Aug 19 - Aug 23, 1988	79,222
N-88-127	21 N; 33 W	-45	160	306	Aug 24 - Aug 25, 1988	79,528
N-88-128	22 N; 33 W	-45	160	396	Aug 25 - Aug 26, 1988	79,924
N-88-136	22 N; 32 W	-40	160	451	Aug 11 - Aug 11, 1988	80,374

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JULY 14/88 PAGE: 1 OF 4

HOLE NO. N-88-97 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

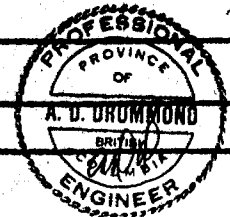
CORE SIZE BQ TOTAL FOOTAGE 1719' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 1709'-60° (SPEERLY SUN) LOCATION: 12+00N.: 34+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 13.12 (CONVERTED FROM METRIC)

DRILL TIME: START JULY 11 FINISH JULY 18 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BROS. DRILLING CONTRACTOR



FOOTAGE	DESCRIPTION
0 - 13.12	OVERBURDEN (CASING)
13-160	PALE GREENISH FINE GRAINED SERICITE CHLORITE ALTERED META SED. H= 4.5 (SERICITE) BANDING (BEDDING?) @ 30-50° TO C.A. LOCAL (10%) UGGY, LIMONITE QUARTZ VEINLETS 79-90. REDDISH-BROWN AND DEEP PURPLE- GREY META-SED BAND - 150 BRECCIATED AND ANNEALED FRAGS OF H=6 METASED UP TO 1cm IN CHLORITIC MATRIX
160 - 175	FINE GRAINED, H= 6 REDDISH BROWN SS TYPE META SED. 0.5-1% FINE DISS. PYRITE 1% SPECULARITE BEARING QUARTZ CALCITE VEINS
175 - 193	MARLIFEROUS ± CHLORITE QUARTZ CARBONATE SCHIST STRONGLY ALTERED / CONTORTED W BOUNDINGS OF QUARTZ SPINIFEX TEXTURE VISIBLE LOCALLY
	60° SHARP CONTACT
193 - 297	REDDISH ORANGY WHITE FELDSPAR PORPHYRY? H= 6 W INTERBANDED (10% OF ROCK) SPECULARITE RICH CHLORITIC SCHIST W UP TO 10% FINE PYRITE FELDSPAR PORPHYRIC ROCK HAS UP TO 35% FELDSPAR XLS SUBROUNDED UP TO 2MM AND 5% SPECULARITE IN VEINLETS. CHECK: BLUSH GREY RTE VEINLETS UP TO 1cm WIDE @ 50° TO C.A.
	245-250 1451 NIL 250-255 1452 NIL 255-260 1453 NIL
	BRECCIA, + CHLORITIC BAND @ CONTACT @ 400 TO C.A.
297 - 724	FINE GRAINED H= 6-5 DEEP RED, REDDISH BROWN AND PURPLISH GREY META SEDS W BANDS OF MAR/CHLORITE SCHIST 297-305- DEEP RED (JASPER) COLORED META SEDS.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p style="text-align: center;">35°</p> <p>317-325 - DULL AND EMERALD GREEN MARIPOSITE AND CHLORITE ± QUARTZ SCHIST. N=5 HIGHLY CONTORTED W QUARTZ BOUDINS AND MINOR BANDS OF "BUFF DYKE" MATERIAL W 5% CHLORITE FLACED (BANDS UP TO 3" @ 40-35° TO C.A.)</p> <p style="text-align: center;">35°</p> <p>331.5-333 - MARIPOSITE QUARTZ SCHIST AS ABOVE</p> <p style="text-align: center;">55°</p> <p>360-390 - FOL @ 5°-35° TO C.A.</p> <p>493. QUARTZ CALCITE VEIN @ 40° W EPIDOTE IN FRACTURES</p> <p>659'-672 - ANNEALED BRECCIA ZONE: APPEARS TO BE SUB ROUNDED FRAGS OF FELDSPAR RICH SED. IN UM. FLOW. FOL @ 40° TO C.A.</p> <p>F 684-685 - FAULT RUBBLE FAULTING @ 30° TO C.A.</p>		
743	<p style="text-align: center;">45° GRADATIONAL CONTACT</p> <p>TRANSITION ZONE: MULTIPLE BANDS OF DARK GREEN TALC, CHLORITE SCHIST IN DEEP RED (HEMATITIC) H=6 META-SEDS.</p>		
743-764	<p style="text-align: center;">50°</p> <p>DULL GREEN HIGHLY CONTORTED H=4 TALL CHLORITE SCHIST W BOUDINS OF QUARTZ/FELDSPATHIC METASEDS AND BANDS OF REDDISH, HEMATITIC META SEBS AS ABOVE MAKING UP 10% OF ROCK. FOLIATION WAVY 10°-45° TO C.A.</p>		
764-775	<p style="text-align: center;">20°</p> <p>MEDIUM GRAINED DULL GREEN H=5 UM FLOW BRECCIA? FRAGMENTS OF UM FLOW TEXTURED ROCK? W FRAGS OF QUARTZ/FELDSPATHIC SEDIMENT.</p>		
775-853	<p style="text-align: center;">40° SHARP CONTACT</p> <p>DEEP PURPLISH GREEN FINE GRAINED HEMATITIC, SERICITE ALTERED META SED. H=5. 5-7% SPECULARITE, 2% JASPER FILLED FRACTURES. 5% FINE DISSUMINATED AND STRINGER PYRITE. "MOTTLED" APPEARANCE DUE TO SERICITE WISPS.</p>		
853-870'	<p style="text-align: center;">55°</p> <p>DULL GREEN CHLORITE ALTERED UM FLOW BRX / SCHIST; FRAGS OF CUMULATE TEXTURED UM FLOW W BOUDINS OF REDDISH H=6 META SED.</p>		
870-922	<p style="text-align: center;">90°</p> <p>TWO FEET OF RED HEMATITIC FAULT GOUGE</p> <p>GREY GREEN H=4 HIGHLY CONTORTED TALC CHLORITE SCHIST W BOUDINS OF REDDISH, PURPLISH AND ORANGY META SED. HIGHLY FRACTURED + BROKEN MULTIPLE 3-5" FAULT GOUGES</p> <p>SOME BANDS HAVE UP TO 1% FINE DISS. PYRITE</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
922-940	DARK GREEN TO BLACK H=4-4.5 TALC CHLORITE SCHIST FINE GRAINED FRAGS AND BOUDINAGED VEINLETS? OF PALL GREEN SERPENTINE? UP TO 30%		
940-1004.5	25° CHLORITIC FAULT GOUGE 2 FEET DARK GREEN TO BLACK MASSIVE H=4-4.5 PERIDOTITE MEDIUM TO COARSE GRAINED. NIL TO TRACE PYRITE		
1004.5-1110	30° GRADATIONAL. FINE TO VERY FINE GRAINED H=4.5-5.5 (VARIABLELY SILICIFIED) TALC CHLORITE SCHIST, 2% DISSEMINATED AND STRINGER PYRITE. FOLDS @ 1040 = 50° @ 1070 = 35° @ 1095 = 15°		
1110-1206	40° FAULT GOUGE W PINKISH QV MEDIUM GRAINED H=6 MASSIVE MAFIC OR UM, DYKE?/SILL. MEDIUM GREY-GREEN, MASSIVE, 1151' 1151' EPIDOTE ALTERATION. 1% DISSEMINATED PYRITE THROUGHOUT ESPECIALLY AROUND QUARTZ VEINS @ 450 PORPHYRITIC? URBOLITIC? (CALCITE "HOOKS" UP TO 20% OF ROCK) 45° SHARP CONTACT		
1206-1299	TALC CHLORITE SCHIST AS FROM 1004.5-1110 HIGHLY CONTORTED * 1251-1286 CARBONATE SERPENTINE INTERBED METASED BTHDS AND BOUDINS IN SCHIST. W UP TO 5% VERY FINE PYRITE 1286-1299 CHLORITIC FAULT GOUGE @ 40° TO C.A.	1245-1251 1454 1251-1253 1455 1253-1255 1456 1255-1257 1457 1257-1259 1458 1259-1261 1459 1261-1263 1460 1263-1265 1461 1265-1267 1462 1267-1269 1463 1269-1271 1464 1271-1273 1465 1273-1275 1466 1275-1278 1467 1278-1281 1468 1281-1283 1469 1283-1286 1470 1286-1290 1471 1290-1295 1472 1295-1300 1473	.005 .010 NIL NIL NW NIL 0.002 0.015/0.020 0.010 0.002/0.005 0.011/0.012 0.002 0.010 0.025/0.020 0.010 .005 .005 .002 NIL
1299-1600	40° CHLORITE TALC ALTERED BRECCIATED FLOW TEXTURED UM AND CHLORITE TALC SCHIST, W MULTIPLE FAULT GOUGES. 25°-30° DARK GREEN, H=4.5-4. 30% "STOCKWORK" TYPE (QUARTZ) CALCITE VEINLETS/STRINGERS. 1488-1517 - 40° FAULT GOUGE MATERIAL @ 45° TO C.A. 1446-1497 } PURPLISH GREY, FOLIATED H=6-5.5 MIOHITE 1503-1507 } + CHLORITE SYENITE DYKE? CHLORITE FLAKES MAKE UP 10% OF ROCK. 0-5% PYRITE 1510-1522 - FRACTURE SET W TO C.A. 1591-1592.5 - GRAY, H=5.5 CALCAREOUS MAFIC DYKE? 1593-1594 - @ 45° TO C.A. 35° GRADATIONAL CONTACT		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1600 - 1689.5	TALL (CHLORITE) SCHIST / SOAPSTONE; BLACK, H=4 DECREASING QUARTZ CALCITE VEINLET CONTENT. 400		
1689.5 - 1719	OLIVINE PERIDOTITE, MASSIVE COARSE GRAINED. H=4.5 OLIVINE CLUSTERS UP TO 1CM MAKE UP 45% OF ROCK		
1719	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE July 23/88 PAGE: 1 OF 1

HOLE NO. N88-98 DIP -65 AZMIUTH 340° LOGGED BY MHS

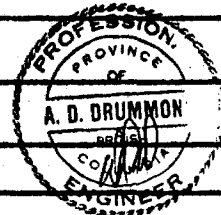
CORE SIZE 30 TOTAL FOOTAGE 105' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 1200N 3500W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE _____

DRILL TIME: START July 18 FINISH July 19/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS at 105' rods broke, hole redrilled as 98A.



FOOTAGE	DESCRIPTION
0 - 13	OVERBURDEN
13 - 98	Metasediment, fine grained grey-green, ss th type, minor pink, with specularite + py.
98 - 104.5	Quartz - Muscovite - Chlorite (Carbonate) Schist, foliated @ 40° D ₁ L ₁ ← 90°
104.5 - 105	Quartz feldspar Porphyry, light pink - white
105	End of hole -

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEW FIELD TOWNSHIP GARRISON

DATE July 23rd/88 PAGE: 1 OF 5

HOLE NO. N88-98A DIP -65° AZMIUTH 340° LOGGED BY A.D.D./M.H.S.

CORE SIZE NQ/BQ TOTAL FOOTAGE 1443' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 12700 N, 35700 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE _____

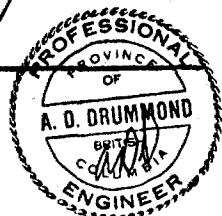
DRILL TIME: START July 19 FINISH July 25/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS 0-46' - NQ 46' - BQ. Bradley broke rods at 390 m

(1279') after reaching depth of 440m (1443') leaving in hole 50 - 3m rods, shell & bit. / attempt to retrieve rods(etc) aborted due to cave in hole on top of remaining rods.

FOOTAGE DESCRIPTION - came to 1263'

FOOTAGE	DESCRIPTION
0-13'	Overburden
13-104.5	Metasediments, light green to buff, H=5, foliated, pyrite on folia to 1%, locally brid. non-calc non-mag. folia 30° to 61°. Fine grained sub-siltstone? at 75' changes to red sandstone type, broadly foliated, containing py to 1% and spec hem to 1%, locally maggy, H=6 1/2, non-mag, non-calc, at 85-99' is intermixed SS & siltstone? , sericitic, purp & lt green. 99-104.5' Green Qtz - chl - Mn schist, folia 55° conformable, H=5 1/2, non-mag, non-calc, py to 1%, limonite on fractures to 100'. 50°
104.5-245.5	Quartz Feldspar Porphyry Dyke, H=6 1/2, cut by numerous white qtz veins & irreg veins; white to pink to brick red; py locally to 2%, spec hem on fract (+py) non-mag, non-calc 137-138, dark grey green ^{maroon} inclusion of thin old ^{45°} meta sed, no chill margins, bottom brid of Δ 141-142.5 - brown-maroon inclusion of meta sed ^{30°} as above, bottom contact brid Δ 152 - brid incl of meta sed over 6". 190-197 - increase in spec hem to 3-5% 215 - chalcopite 220.5-223 - inclusion of qtz chl schist, dark grey brid. 80°



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
245.5-650	<p>Metasediments - red-maroon py-hem sst type py 1% locally to 2%, occ limonitic, some cut by fine qtz stockwork</p> <p>245.5-264 - alternating segments of sst metased and 2% to dark green Qtz-Chl. Mnmp schist. locally folded & brecciated & contains whips and fragments of buff? - pinky maroon metased. v. minor Mnmp. py < 1%, limonite on fractures to 260'. fol'd @ 40° conformable to contacts.</p> <p>264' to 360' massive dull red-maroon sst metased.</p> <p>360-370 - 6" vuggy bull of Mn.</p> <p>370-375 - vuggy, - containing minor sericitic siltstone layers, distorted & brecciated, and intermittent vuggy seals follow. ex 460-470, 495-500, 507-510.</p> <p>484-485 - fractured.</p> <p>500 - 510 - brecciated, hematitic.</p> <p>521-540 - fracture zone, and locally vuggy at 10%</p> <p>593-594 } 595-596 } buff? dykes 1% py, bititic; - 30° weakly magnetic.</p> <p>600-650' red hem sst type metased & green qtz ch schist interbedded, locally vuggy at irregular this is a contact zone - between the massive sst metased & the qtz-chl schist & incl sst whips.</p>		
650-986	<p>Dark green-grey to black Quartz-Chlorite- (Calc) schist and interbedded fragments, whips and layers of pink & red metased - sst type, py < 1% to 1% locally hem & often vuggy in the sst horizons, fol'd & contorted</p> <p>plan @ 655' @ 25° 720 @ 30° 687 @ 20° 707 @ 30°</p> <p>724-735 - vuggy, 733 - 30° contains intervals of pytyg fldg. 808 @ 30° 770 @ 60° 793 @ 60°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>Fault zone 830-845 gouge 837-840, 844 $\approx 40^\circ$ fol. 866 $\approx 35^\circ$</p> <p>860-934 - light green Qtz-Chlorite-Sericite Maficite Schist inter layered with pinky tan & red & brown sst material, weakly calc. foliated, Py < 1%, H=5, some pyg fds, fol. $\approx 60^\circ$ & 90°.</p> <p>934-986 Quartz-Chlorite-Talc (Sericite) Schist interlayered with layers and short segments of sst-type material; locally calc (weak), Py < 1%, fol. 943 $\approx 60^\circ$, 962 $\approx 55^\circ$ gneiss? 976-985 - dense, dark horn rd, Py < 1%, $\approx 40^\circ$</p>		
986-1058	<p>leucite, to purple black gabbro. magnetite, calc, Tr Py.</p> <p>Fault zone 987-1000 $\approx 40^\circ$ minor gouge, more shearing, calcareous, loc. serp in part. 1008-1011 fault gouge -</p> <p>1011-1042 - pinky-purple gabbro, mag. med gr. feathery texture, Nil Py.</p> <p>1042-1058 - black peridotite 1051-1058 shear fault, 4" gouge $\approx 40^\circ$ 1058 $\approx 40^\circ$</p> <p>1058-1072 Chlorite-Talc-(Carbonate) Schist, black, locally sericitic, originally a basic volc, Py < 1%, fol'd $\approx 50^\circ$ $\approx 1068'$. grades? into peridotite at 1072, over 1/2"</p> <p>1072 - leucite, as above, minor local shearing, grades into black Soapstone/peridotite to talc schist breccia by 1100 -</p> <p>1108-1112 - shear/fault, $\approx 60^\circ$</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>1125-1129 Dyke, Basic Dark grey biotite porph. (Lampyrone) mag, 4 5/2-6, calc, lower contact lost</p> <p>1129-1140 Talc-Chlorite (Qtz) schist, as before brecciated - foliated at 20-40°, Py 4% embd. 1140-1144 same at 25°, minor gneiss, 1165-1174 very calcareous, foli 40-70°.</p> <p>1174-1182, Dyke? dark grey, basic carbonate Hn 5, non calc, weakly mag, Carbonate, minor specularite, possibly coniferable</p> <p>1182-1197 flow of carbonate schist with gap-type breccia + 1197 - basic flow as 1174-1182.</p> <p>at 1211' - 1213' fault gouge at 25° to CA.</p>		
1218.5 - 1241	<p>Basic dyke - Hn 6 magnetic - pink carb veinlets in silicified flow foliated texture - carb veinlet @ 1234' contains grain of chalcopyrite.</p> <p>fol^s at 20° transition at 45°</p>	<p>1217-1222 1222-1227 1227-1232 1232-1237 1237-1242 1242-1247 1247-1250 1250-1253 1253-1256</p>	<p>1474 NIL 1475 NIL 1476 NIL 1477 NIL 1478 NIL 1479 NIL 1480 1002/NIL 1481 NIL 1482 NIL</p>
1241 - 1250	<p>U.M. dull green textured flow with carb veinlets at 10° to 0° to CA.</p>	<p>1256-1259 1259-1263</p>	<p>1483 1002 1484 NIL</p>
1250 - 1256'	<p>Bronzish Carbonated "dyke-like" rx or flow? foliated - Sericitic 1% fine Py.</p>		
1256 - 1263	<p>Pink to Brick orange Hn 6 Syenite dyke veined with Br carb - 1% fine Py.</p>		
1263 - 1343'	<p>Fault gouge. at 0 to 20° to CA. Chl/Talc - (1263'-1271')</p> <p>then transition in degree of shearing to broken core - with fractures at 20° to CA. is. into a BRX chert schist. - nil to trace Py to 1320 then fol^s at 40° to 1342'</p> <p>6" fault gouge at 1340' at 40° 2" fault gouge at 1343' at 40°</p> <p>40° fault</p>	<p>1263-1268 1305-1310 1310-1315 1315-1320 1320-1325 1325-1330 1330-1335 1335-1340 1340-1343</p>	<p>1485 1002 1486 NIL 1487 NIL 1488 NIL 1489 NIL 1490 NIL 1491 NIL 1492 NIL 1493 1002</p>

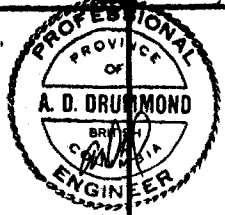
PROPERTY Newfield

HOLE NO. N 88-98A

PAGE: 5 OF 5

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1343 - 1359	Carbonated - Sericitic H ₂ S ₅ mx with 1-2% fine py. Solid tan brown mx to 1348.5 then same mx becomes finely (laminated)? foliated - still with fine py 1-2% + texture is more brecciated or veined appearance - to 1359'	1343-1345 1345-1348 1348-1351 1351-1354 1354-1357 1357-1360 1360-1365 1365-1370 1370-1375	1494 .002 1495 .002 1496 .005/.002 1497 .005 1498 NIL 1499 NIL 1500 NIL 1501 NIL 1502 NIL
1359 - 1425	Dk green to grey - chl/T schist - with brecciated texture. - fol: at 55° to CA.		
1425 - 1443	Fault zone Gouge + rubble (at 10% CA) chl/T schist type.		
	E.O.H. 1443' (80 boxes)		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
<p>1171.2 1171.2 - 1273.5</p>	<p>WEDGE ± QUARTZ INTERBANDED CHLORITE SERICITE TALC/SCHIST AND REDDISH BROWN H=6 METASED. HIGHLY CONTORTED FOLD LOCALLY AS LOW AS 5° TO C.A. DRAG FOLDING AND SHEARING ALONG FOLD 1210-1212 - FAULT GOUGE @ 40° TO C.A.</p>		
<p>1273.5 - 1670</p>	<p>VARIABLY ALTERED PERIDOTITE/SOAPSTONE. WEAKLY FOLIATED DARK BLUE-GREY. MEDIUM GRAINED H= 4.5 LOCALY PERVASIVELY CALCITE ALTERED. 1522 - Folh = 30° 1543 - FRACTURE SET PARALLEL TO CORE AXIS 1555-1566 FAULT ZONE, BROKEN AND LOST CORE 1585 - FAULT GOUGE @ 200 1588-1589 " " @ 200 TO C.A. 1580-1581.5 } GREYISH, H= 5.5-6 WEAKLY FOLIATED BIOTITE 1585-1588 } SYENITE? DYKES. STRONGLY MAGNETIC. 1% 1596-1597 } PYRITE IN BANDS UP TO 1mm. DYKES @ 300 TO C.A. 1597-1602 - FAULT GOUGE - WAVY @ 15° TO C.A. 1608.5-1611 - PURPLISH GREY H=6 FELDSPAR PORPHYRY, 30% ANGULAR FRAGS OF FELDSPAR UP TO 2mm IN SIZE 1661-1670 - DEEP PURPLISH GREY SPECULARITE BEARING VERY FINE GRAINED H= 6 MAFIC DYKE?, NON-MAGNETIC. 1% COARSE PY, TR. CPY 30° GRADATIONAL CONTACT</p>	<p>1580-1581.5 } 1581.5-1585 } Not 1585-1588 } Sampled 1588-1591 } 1591-1596 }</p>	
<p>1670- F</p>	<p>WELL FOLIATED TALC ± CHLORITE ± QUARTZ SCHIST. H= 4. MULTIPLE FAULT GOUGES, 5% OF ROCK COMPOSED OF QUARTZ CALCITE VEINS 1670-1680 - FAULT ZONE @ 30° TO C.A. 1693-1697 - " " " " " " 1703 - FAULT GOUGE @ 400 1708; 1709 - FAULT GOUGES @ 400 } CHLORITE, SANDY FAULT GOUGES 1725; 1727, 1737, FAULT GOUGES @ 35-40° 1750-1771 - PINKISH GREY, H= 6 MAGNETIC SYENITE DYKE 1773 - FAULT GOUGE @ 400 TO C.A. 1774 - FOLD @ 200 TO C.A. 1849.5 - 1848 - COARSE GRAINED BIOTITE BEARING H=6 DARK GREY PORPHYRYIC SYENITE DYKE? 1860-1861 - FAULT GOUGE @ 30° TO C.A. 1865-1867 - MORE FOLIATED (SHEARED) VERSION OF SY DYKE FROM 1844.5 - 1848</p>		



DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE JULY 26/88 PAGE: 1 OF 1

HOLE NO. N-88-114-DIP -50 AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE NQ+BQ TOTAL FOOTAGE 1719 DIP TEST: YES/NO

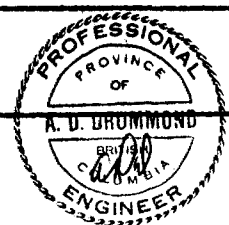
DIP FOOTAGE AND DEGREE SPEAR SUN @ 1596 = 55° LOCATION: 12N 36W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 49' (CONVERTED FROM METR.)

DRILL TIME: START JULY 26/88 FINISH Aug 8/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS BRADLEY BROS. DRILLING 49'-141' = NQ & CORE 141' = BQ

FOOTAGE	DESCRIPTION
0-49'	OVERBURDEN (CASING)
49'-134	TALK CHLORITE ± QUARTZ SCHIST, HIGHLY CONTOURED DARK GREY H=4 FOLIATION ≈ 30°, BOUDINS OF QUARTZ FELDSPATHIC MATERIAL. BECOMING INCREAS- INGLY MORE SCHISTOSE 105'-114' SHEAR/FAULT ZONE. FAULT GOUGE/BX w DEEP RED (HEMATITIC) STAINED STRINGERS @ 15-20" TO C.A. w 2-3% SPECULARITE 118-134 QUARTZ BOUDINS? OR SILICIFICATION GIVES ROCK A HARDNESS OF 5 AND "SPOTTED" APPEARANCE w 30% SUBROUNDED QUARTZ- FELDSPATHIC FRAGS ----- 45°
134-515	PURPLISH GREY TO BRANCO BROWN FINE TO MEDIUM GRAINED H=6 HEMATITIC META SEDS. HIGHLY FRACTURED w LIMONITIC STAIN ON FRACTURES. WEAK FOLD @ 45°
515-540.5	40° SHARP CONTACT DARK GREY GREEN H=4.5 TALK CHLORITE SCHIST BRECCIA. FRAGS UP TO 2" (ELONGATED IN PLANE OF FOLD) OF UM FLOW TEXTURE MATERIAL
540.5-587.3	35° SHARP CONTACT RED-BROWN MEDIUM TO FINE GRAINED MASSIVE H=6 META SED (SS TYPE).
	45° SHARP CONTACT



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
587.3-724	<p>INTERBANDDED DULL GREEN CHLORITE TALC QUARTZ SCHIST (HIGHLY CONTORTED, H=5) AND RED BROWN AND PURPLISH GREY H=6 METASEDS, FOL^d 20' - 45° TO C.A. 5% LOST AND BROKEN CORE. SOME SHEARING ALONG 20° FOLD @ 612-626'</p> <p>658-670' BRECCIATED ZONE. ANGULAR QUARTZ-FELDSPATHIC FRAGS IN TALCOSE MATRIX</p> <p>705-710.5 QUARTZ BRECCIA, GREY-WHITE DULL QUARTZ VEINING W/ ANGULAR "RIP-UP" CLASTS OF LOCAL HOST ROCK (ABOVE METASEDS)</p>		
720-467	<p>450 SHARP CONTACT</p> <p>DEEP (LOCALLY PURPLISH) GREEN FINE TO MEDIUM GRAINED MASSIVE TO WEAKLY FOLIATED BEARING METASED. H=5.8. QUARTZ VEINING AS ABOVE W/ FRAGS OF HOST ROCK UP TO 2" (ANGULAR) MAKES UP 5% OF ROCK UNIT</p>		
767-815	<p>450</p> <p>HIGHLY CONTORTED DARK GREEN GREY TALC CHLORITE SCHIST, BOUDINS OF METASED MATERIAL AS FROM 587-724</p> <p>MULTIPLE FAULT GOUGES W/ HEMATITIC STAIN:</p> <p>801-801.5 } CHLORITIC FAULT GOUGE</p> <p>811-812 - }</p>		
815-446	<p>40° GRADATIONAL CONTACT</p> <p>LIGHT GREEN H=5 MARIPOSITE ± CHLORITE ^{QUARTZ} SCHIST</p> <p>FOLD WELL DEVELOPED @ 40-60° (VARIABLE)</p> <p>W/ 20% OF ROCK COMPOSED OF RED BROWN TO BUFF MASSIVE TO WEAKLY FOLIATED METASEDS? SS TYPE.</p>		
946-976	<p>50° GRADATIONAL CONTACT</p> <p>DARK GREEN CHLORITE TALC SCHIST AND DEEP REDDISH PURPLE HEMATIZED H=6 METASED. BANDS.</p>		
976'-1239	<p>450</p> <p>COARSE GRAINED (FINELY SHEARED CONTACT) DARK GREY-BLACK (LOCALLY PINKISH TINGE) PERIDOTITE, MASSIVE, LOCALY OLIVINE CLUSTERS UP TO 1cm INSIDE.</p> <p>976-980 - SHEARED CONTACT? SOAPSTONE TYPE ROCK. TALC SCHIST</p> <p>980-1000' - FINE GRAINED, SILICIFIED? (H=6) BLACK MARL? OR UM DYKE ROCK. POSSIBLY FINE GRAINED MARGIN OF PERIDOTITE.</p> <p>1000-1030 - COARSE GRAINED PERIDOTITE. PINKISH TINGE FROM PERVASIVE PINK CALCITE ALTERATION</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1030 -	VARIABLELY ALTERED TO TALC SCHIST (H SOAPSTONE). 1% PINKISH QUARTZ CALCITE VEINLETS. ~15% OF ROCK HAS RECOGNIZABLE OLIVINE OR PYROXENE XLS.		
1136 -	3 ^A FAULT GOUGE @ 35' TO C.A.		
1239 - 1242	360 FAULT GOUGE @ 30'		
1242 - 1415	INTERBANDED CHLORITE TALC SCHIST AND PURPLISH GREY H=6 METASED? BANDS (BRECCIATED INTO ANGULAR FRAGS.) THESE BANDS ARE INCREASINGLY SILICIFIED AND PYRITIZED & CARBONATIZED ACTING AS BRITTLE HOSTS 1307.5 - 1311.5 } FELDSPAR POLYPHASE? MASSIVE PURPLISH 1316.0 - 1318 } GREY BROWN H=6.5-6 W 55% FELDS. PAR XLS → CARBONATE UP TO 1mm. 1316 - 1353.5 - BULL WHITE QUARTZ VEINING PREDOMINANTLY ~ 30-50' TO C.A. MAKES UP 5% OF ROCK	1242-1245 195 1245-1250 196 1250-1255 197 1255-1260 198 1260-1265 199 1265-1270 200 1270-1275 201 1275-1280 202 1280-1285 203 1285-1290 204 1290-1295 205 1295-1300 206 1300-1305 207 1305-1310 208 1310-1315 209 1315-1320 210 1320-1325 211 1325-1330 212 1330-1335 213 1335-1340 214 1340-1345 215 1345-1350 216 1350-1353.5 217	NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL 0.02/0.05 NIL NIL NIL 0.02 NIL NIL 0.02 0.02 NIL NIL 0.02 0.02 NIL NIL 0.05 0.02 0.05/0.50 0.30 0.02 0.05 0.05 0.45 0.05 NIL NIL
*	1353.5 - 1396 - ZONE OF STRONG SERICITE, CARBONATE ALTERATION (+ QUARTZ?) H=6 ORIGINAL FABRIC DESTROYED. PROBABLY REPRESENT METASED BANDS DESCRIBED ABOVE. UP TO 30% FINE PYRITE AND 5% QUARTZ VEIN MATERIAL. SOME BANDS/PATCHES OF RELATIVELY UNALTERED TALC CHLORITE (± QUARTZ) SCHIST. 1353.5 - 1355 - H=6 PYRITIZED, SERICITIZED CARB. ROCK AS ABOVE 1355 - 1359 - TALC CHLORITE SCHIST 1359 - 1378 - PYRITIZED SERICITIZED CARB. ROCK 1378 - 1388.5 - TALC CHLORITE SCHIST 1388.5 - 1396 - PYRITIZED (25%) SERICITIZED, SILICIFIED CARBONATED ROCK	1353.5-1355 179 1355-1359 180 1359-1362 181 1362-1365 182 1365-1368 183 1368-1371 184 1371-1374 185 1374-1378 186 1378-1381 187 1381-1385 188 1385-1388.5 189	0.05 0.02 0.05/0.50 0.30 0.02 0.05 0.05 0.45 0.05 NIL NIL
SY. TRACH TYPE			
1396 - 1415	TALC CHLORITE SCHIST		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1415-1631	DARK GREY GREEN TO BLACK PERIDOTITE USUALLY ALTERED TO SOAPSTONE TYPE TALK SCHIST. H=4.5 MULTIPLE FAULT GOUGES @ 25-30° TO C.A. 2% QUARTZ CALCITE VEINING PREDOMINANTLY @ 30° TO C.A. 1463-1469 FAULT GOUGE ZONE @ 30° 1561-1562 H=5.5-6 SERICITIZED, CARBONATIZED, SILICIFIED ROCK. (ALTERATION OF SOAPSTONE) W UP TO 5% DISSEMINATED PYRITE. 1564-1570	1388-1390 190 1390-1392 191 1392-1394 192 1394-1396 193 1396-1400 194 1561-1564 248 1564-1567 248 1567-1570 280	.025 .025 .040 .076/.085 .002 NIL NIL NIL
300 GRADATIONAL CONTACT			
1631-1719	MEDIUM TO LIGHT GREEN, H=5-S.S. SERICITE & CHLORITE QUARTZ (CARB) SCHIST. HIGHLY CONTORTED, FOLDS FROM 20°-45° WITHIN 1642'-1665': 5% OF ROCK COMPOSED OF BANDS OF CARBONATE, SERICITE, SILICA ALTERED ROCK (H=6) W UP TO 20% FINE PYRITE. BANDS @ 20° TO C.A. 1701-1702 - UP TO 15% FINE PY IN BAND AS ABOVE DESCRIBED 1710-1713 - " 10% FINE PYRITE	1631-1635 221 1635-1639 222 1639-1642 223 1642-1645 224 1645-1648 225 1648-1651 226 1651-1654 227 1654-1657 228 1657-1660 229 1660-1663 230 1663-1665 231 1665-1670 232 1670-1675 233 1675-1680 234 1680-1685 235 1685-1690 236 1690-1695 237 1695-1701 238 1701-1702 239 1702-1705 240 1705-1708 241 1708-1710 242 1710-1713 243 1713-1716 244 1716-1719 245	NIL NIL NIL .025 .060 .025 .002 .005 .002 .020 .117-.115 .010 NIL .005 .005 .002 .002 .005 .025 .010 .045/.055 .010 .010 .005 .010
1719	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARLSON

DATE AUG 19/88 PAGE: 1 OF 2

HOLE NO. N-88-123 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 499 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE: -53° @ 198' LOCATION: 18+70 N 35+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 32'

DRILL TIME: START AUG 16 FINISH AUG 17 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION	
0-32'	OVERBURDEN	
32-184	DARK GREEN TO EMERALD GREEN CHLORITE & QUARTZ SCHIST. H=5 DRAG FOLDED AND CONTORTED. 15% OF ROCK COMPOSED OF YELLOWISH GREEN MARIPPOSITE FLAKE BEARING BANDS. 39'-44' - DEEP RED SS TYPE METASED H=6.5 — OVERALL BECOMING DARKER GREEN (CHLORITIC) AND MORE THINLY FOLIATED. TOWARD 184' 180-181- BIOTITE FLAKE BEARING BAND @ 30° TO C.A. 30° GRADATIONAL CONTACT	
184-391	DARK GREEN TO GREY-BLACK TALL CHLORITE & QUARTZ SCHIST. / SOAPSTONE. W 5% OF ROCK UNIT COMPOSED OF PURPLISH GREY H=6 BIOTITE FLAKE BEARING MODERATELY MAGNETIC BANDS PROBABLY GRANULITE METASED. (ELSEWHERE HAVE BEEN DESCRIBED AS BIOTITE SYENITE): 187-189, 202-207 251'- FAULT GOUGE @ 35° TO C.A. 2" 277'- 1cm FAULT GOUGE @ 5-10° TO C.A.	
320-325	PURPLISH BROWN H=6 CHLORITE (FROM BIOTITE)	
326-332.5	FLAKE BEARING BIOTITE SYENITE? MODERATELY MAGNETIC W 2% CARBONATE BLENDS (PHENOS?)	
332-360	UP TO 1mm FAULT ZONE; 300' FAULT GOUGE MATERIAL	
345-348.5	GREYISH TAN FELSITE. H=6.5 FINE GRAINED POSSIBLY PORPHYRITIC (FELDSPAR PHENOS UP TO 3mm. - 3% FINE TO MEDIUM GRAINED PYRITE	345-348.5 1644 .120/.100 348.5-352 1645 .040 352-355 1646 .010
352-353	TAN COLORED SERICITE ALTERED H=5 FINE GRAINED METASEDS	
353-361	FAULT GOUGE W ORANGE TINGED QUARTZ VEIN IN G	355-360 1649 .075/.070 360-365 1650 .005 365-370 1651 NIL
	100' LOWER CONTACT OF FAULT GOUGE	370-375 1652 .002 375-380 1653 NIL
385-376	FAULT GOUGE 35°	380-385 1654 NIL 385-391 1655 NIL
391-394'	CHLORITIC FAULT GOUGE @ 350 TO C.A.	391-394 1656 .170

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
394-450	CHLORITE TALC ± SERICITE ALTERED UM FLOWA BRECCIA AND CHL T ± SER QUARTZ SCHIST. INTERBAND W. REDDISH TAN FINE GRAINED H= 6 METASEDS	394-399 1657 399-404 1658 404-409 1659 409-414 1660 414-419 1661	NIL NIL NIL NIL 002
450-499	<p style="text-align: center;">40° GRADATIONAL CONTACT</p> <p>CHLORITE ± SERICITE QUARTZ SCHIST. HIGHLY CONTORTED H= 5 DULL GREEN</p> <p>460-461 - TAN COLORED DYKES / META SED BANDS 463.5-466 - H= 6 FINE TO MEDIUM GRAINED - 1% CHLORITE 467-473 - FLAKES 1/6 PURPLISH ROUNDED JASPER? FRAGS UP TO 1.5mm - TRACE KPY</p> <p>482-485 - AS ABOVE 489-498 -</p> <p>END OF HOLE</p>	<p>419-424 1662 424-429 1663 429-434 1664 434-439 1665 439-444 1666 444-449 1667 449-454 1668 454-459 1669 459-464 1670 464-466 1671 466-467 1672 467-473 1673</p> <p>473-478 1674 478-482 1675 482-486 1676 486-489 1677 489-494 1678 494-499 1679</p>	<p>000/050 NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL NIL 002 NIL NIL 002 NIL NIL</p>

499

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUG 22/88 PAGE: 1 OF 2

HOLE NO. N 88-124 DIP -65° AZMIUTH 340° LOGGED BY D. MEYER

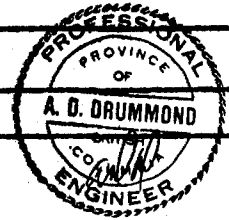
CORE SIZE BQ TOTAL FOOTAGE 557 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -68W @ 557' LOCATION: 18+70N 35+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 32'

DRILL TIME: START AUG 18/88 FINISH AUG 19/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0-32.	OVERBURDEN / CASING
32- 140	DARK GREEN H= 4-4.5 CHLORITE TALL ALTERED UM FLOWS + SCHIST. FOLDS @ 25° TO C.A. 74-79' PURPLISH GREY H=6 "BIOTITE SKENITE" / OR METASED 88-90' 98-105 - PINKISH TINGED (CARBONATED) BIOTITE → CHLORITE FLAKE ROCK. (UP TO 40'±) BIOTITE SKENITE? H=6 104-108.5 - BREXISH BROWN FINE GRAINED METASED 113-117 - REDDISH BROWN H=6.5 METASED. HEMATITIC 5% SPECULARITE IN FRACTURES. 136-140 - REDDISH BROWN HEMATITIC METASED.
140- 186	30° MEDIUM GREEN CHLORITE ± SERICITE ± QUARTZ SCHIST H=6 LOCALLY W WELL DEVELOPED SPINIFEX TEXTURES. 170-173 } ORANGY BROWN. H=6 METASEDS. WEAKLY 175-186 } FOLIATED @ 20° TO C.A.
186- 283	35° EMERALD GREEN MARIPOSITE ± SERICITE / SCHIST. H=5.5 W 20% OF ROCK UNIT COMPOSED OF BUFF-YELLOWISH H=6 WEAKLY FOLIATED METASED BANDS, SOME ALTERED TO PURPLISH COLOR (OR BLEACHED FROM PURPLE COLOR) W MARIPOSITE FLAKES UP TO 10% IN BUFF COLORED BANDS.
283- 390	35° GRADATIONAL DARK GREEN. H= 4.5 TALL CHLORITE SCHIST / SOAPSTONE 297-313 - TAN TO PURPLISH COLORED H= 6 SERICITE ALTERED FINE GRAINED METASEDS, WELL FOLIATED @ 35° TO C.A. CARBONATE ALTERATION AND 3% FINE PYRITE 317-331 - DEEP PURPLISH GREY H=6

290-297	1680 .002
297-300	1681 .305
300-305	1682 .58 / .63 / .66 / .68
305-310	1683 .56 / .62
310-315	1684 .070
N BANDS	
315-327	1685 .002
327-320	1686 .010

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p style="text-align: center;">30°</p> <p>364-368 - ^{MEDIUM} DARK GREY H=6 GRANULAR FINE GRAINED STRONGLY MAGNETIC WEAKLY HEMATITIC DYKE?</p>	<p>320-325 1687</p> <p>325-331 1688</p> <p>331-335 1689</p> <p>335-340 1690</p> <p>340-345 1691</p> <p>345-350 1692</p> <p>350-355 1693</p> <p>355-360 1694</p> <p>360-365 1695</p> <p>365-370 1696</p> <p>370-375 1697</p> <p>375-380 1698</p> <p>380-385 1699</p> <p>385-390 1700</p>	<p>.045</p> <p>.015</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.010/.010</p> <p>.010</p>
	<p style="text-align: center;">50°</p> <p>368- UP TO 0-5% FINE DISSEMINATED PYRITE</p>	<p>390-392.5 1701</p> <p>392.5-395 1702</p> <p>395-398 1703</p> <p>398-399.5 1704</p> <p>399.5-404 1705</p> <p>404-407 1706</p> <p>407-409.5 1707</p> <p>409.5-412 1708</p> <p>412-416 1709</p> <p>416-420 1710</p> <p>420-425 1711</p> <p>425-428 1712</p>	<p>.015</p> <p>.005</p> <p>.015</p> <p>.005</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.010</p> <p>.020</p>
428	<p style="text-align: center;">40° GRADATIONAL CONTACT</p> <p>CHLORITE ± TALL QUARTZ SCHIST, H=5, HIGHLY CONTAMINATED W/ 40% OF ROCK COMPOSED OF TAN COLORED H=6 METASED BANDS W/ STRONG SERICITE ± CARBONATE ALTERATION, QUARTZ VEINING AND UP TO 10% FINE STRINGER AND DISSEM. PYRITE.</p> <p>392.5-395 - TAN COLORED METASED BAND W/ 1% FINE PYRITE</p> <p>398-399.5 - " " " " " 3% " "</p> <p>407-409.5 - PURPLISH GRAY-TAN COLORED METASED? H=6 POSSIBLE FERTILE DYKE. W/ 10% FINE PYRITE, + QUARTZ STRINGERS UP TO 5%</p> <p>412-413 - UP TO 10% PYRITE IN TAN COLORED SERICITE STRINGERS IN ROCK.</p> <p>414-426 - 5% PYRITE IN TAN COLORED SERICITE STRINGERS.</p> <p>419-419.5 - YELLOWISH-TAN COLORED BAND W/ 7% FINE PYRITE</p>	<p>1707</p> <p>1708</p> <p>1703</p> <p>1704</p> <p>1705</p> <p>1706</p> <p>1707</p> <p>1708</p> <p>1709</p> <p>1710</p> <p>1711</p> <p>1712</p>	<p>NIL</p> <p>.005</p> <p>.015</p> <p>.005</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.020</p> <p>.010</p> <p>.020</p>
428-557	<p style="text-align: center;">30°</p> <p>DARK GREEN H=4.5 TALL CHLORITE SCHIST / SOAPSTONE</p> <p>428-435 - FAULT ZONE: 40% FAULT GOUGE MATERIAL.</p> <p>FOL. THROUGHOUT = 25° - 40° TO C.A.</p> <p>547-557 - FAULT ZONE: MULTIPLE SMALL (1cm) FAULT SLIPS.</p> <p>552-553 - FAULT GOUGE W/ BRECCIA INCLUDED. @ 25° TO C.A.</p>		
557-	END OF HOLE		

1707 } 160/170 } 157
 1708 } 145/155 }
 .01
 16

DIAMOND DRILL LOG

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DATE AUG 27/88 PAGE: 1 OF 2

HOLE NO. N-88-125 DIP -50° AZMIUTH 340° LOGGED BY D. MEYER

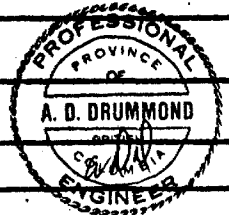
CORE SIZE BQ TOTAL FOOTAGE 499 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 498' @ -48° LOCATION: 18T50N / 34T00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 33'

DRILL TIME: START AUG 28/88 FINISH AUG 24/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION
0 - 33	OVERBURDEN (LACING)
33 - 44	DARK GREEN CHLORITIC SHEAR ZONE. CHLORITE TALC SCHIST 35°
44 - 113	INTERBEDDED YELLOWISH GREEN CHLORITE ± MARIPOSITE SERPENTINE ALTERED UM FLOWS (40%) CHLORITE ± MARIPOSITE ± SERPENTINE ± QUARTZ SCHIST AND YELLOWISH WEAKLY FOLIATED FINE GRAINED METASED BANDS? FOLD @ 45°
113 - 127	45° GRADATIONAL CONTACT DARKER GREEN CHLORITE QUARTZ SCHIST. 118.5-119 - COARSE GRAINED BIOTITE RICH DYKE. 120-121 - PURPLISH, FINE GRAINED METASED BAND? SYENITE DYKE 35°
127 - 186	EMERALD GREEN H=5.5 MARIPOSITE QUARTZ SCHIST ± 15% YELLOWISH-BUFF MAR ± CHL FLAKE BEARING BANDS. 45°
186 - 365	DARK GREEN INCREASINGLY LESS FOLIATED TALC CHLORITE ± QUARTZ SCHIST → TALC CHLORITE ALTERED UM FLOWS / BRX. 186-188.5 - TAN COLORED H=6.5 FELSITE. FELSITE ± METASED? 5% FINE PYRITE IN BANDS @ 40° TO C.A. 200- ' FAULT SLIP @ 40° TO C.A. 250- FOLD @ 0-5° TO C.A. 274-285- FAULT GOUGE @ 35° 275-276- PURPLISH GRAY BIOTITIC METASED 283-284- MEDIUM BROWN H=6 FINE GRAINED SS TYPE METASED. 301-304 - DEEP PURPLISH H=6 MEDIUM GRAINED, GRANULAR 330-334 - BIOTITE HEMATITE MANGANESE ROCK.

183-186	1841 .002
186-189	1842 .040
189-192	1843 .115/.115

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
365-400'	<p style="text-align: center;">45°</p> <p>HIGHLY CONTORTED DULL GREEN CHLORITE & MARIPOSITE QUARTZ SCHIST. LOCALLY LESS SCHISTOSE FRAGS DEMONSTRATE GOOD CUMULATE TEXTURES. NIL TO TR PYRITE</p>		
400-420'	<p style="text-align: center;">35°</p> <p>BUFF TO TAN TO GREY BROWN WEAKLY FOLIATED H=6 FINE TO MEDIUM GRAINED ROCK W 20% BIOTITE FLAKES. 5% REDDISH SUBROUNDED PHENOCRYSTS (PROBABLY QUARTZ, JASPER). ROCK IS PROBABLY META SED. 402-408 - 50% DULL WHITE QUARTZ VEINING NIL TO TR. PYRITE</p>		
420-499'	<p style="text-align: center;">50°</p> <p>EMERALD GREEN H=5.5 MARIPOSITE QUARTZ SCHIST.</p> <p style="text-align: center;">40°</p> <p>439-446 WEAKLY FOLIATED BUFF COLORED CHLORITE & MAR FLAKE BEARING ROCK. PROBABLY ALTERED EQUIVALENT OF ROCK FROM 400-420</p> <p style="text-align: center;">50°</p> <p>446-464' - GREYISH PYRITIC STRINGERS MAKE UP 10% OF ROCK. GIVING ROCK OVERALL 5% FINE PYRITE.</p>	<p>446-449 1844</p> <p>449-452 1845</p> <p>452-455 1846</p> <p>455-458 1847</p> <p>458-461 1848</p> <p>461-464 1849</p> <p>464-470 1850</p> <p>470-475 1851</p> <p>475-480 1852</p> <p>480-485 1853</p>	<p>.03</p> <p>.035</p> <p>.020</p> <p>.040</p> <p>.060</p> <p>.010</p> <p>.002</p> <p>.005</p> <p>.005</p> <p>.002</p>
499-499	<p style="text-align: center;">30°</p> <p>FINE TO MEDIUM GRAINED PORPHYRITIC WEAKLY FOLIATED H=6 PINK TINGED GREY-BROWN CHLORITE FLAKE BEARING ROCK. 20% PINKISH JASPER FRAGS. 20% CHLORITE FLAKES ALIGNED @ 45° TO C.A.</p>		
499	END OF HOLE		

DIAMOND DRILL LOG

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DATE AUG 27/88 PAGE: 1 OF 2

HOLE NO. N-88-126 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 597' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 18TSON 34100W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 33'

DRILL TIME: START AUG 24/88 FINISH AUG 25/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION	
0-33'	OVERBURDEN (CASING)	
33'-64'	DARK GREEN H=4. TALL CHLORITE ALTERED UNFLOW BAX AND TALL CHLORITE ± QUARTZ SCHIST. BECOMING MORE CHLORITIC TOWARDS 64'	55-59 1854 .002 59-61 1855 .002 61-65 1856 .002
64-136	59-61' - TAN COLORED H=6.5 METASEDS w 2% FINE PYRITE IN STRINGERS. // TO FOLD @ 30° TO C.A. 300 GRADATIONAL CONTACT EMERALD GREEN H=5.5 MARIPOSITE ± CHLORITE QUARTZ SCHIST. 69-73 - LIGHT BROWN HEMATITE (10% SPECULARITE) META SED. @ 35° TO C.A. 134-136' - LIGHT BROWN FINE GRAINED H=6 METASED. 40° GRADATIONAL CONTACT	
136'-235	INTERBANDED: DARK GREEN GREY H=4 TALL CHLORITE SCHIST (AND UN FLOWS) AND DULL GREEN H=5 HIGHLY CONTORTED CHLORITE QUARTZ SCHIST, AND TAN COLORED H=6 SERICITIZED METASEDS. 169-172 - 2% FINE PYRITE IN STRINGERS IN SERICITIZED FINE GRAINED METASEDS. 195-224' - TAN COLORED SERICITE, CARBONATE ALTERATION IN BANDS WITHIN CHLORITE QUARTZ SCHIST w ASSOCIATED PYRITE IN STRINGERS UP TO 10% BLUISH GREY QUARTZ BOUDINS w ASSOCIATED FINE PYRITE MAKE UP 2% OF ROCK. 224-235 - BECOMING INCREASINGLY MORE CHLORITIC HALLOSE SOFTER, LESS QUARTZ 25% TAN AND REDDISH BROWN FINE GRAINED SS TYPE METASED BANDS. 450' 6" SHEAR ZONE (check for this)	169-172 1857 .020 172-175 1858 .020 175-180 1859 .015 180-185 1860 .025 185-190 1861 .030 190-195 1862 .035 195-200 1863 .030 200-203 1864 .020 203-206 1865 .050 206-209 1866 .230 209-212 1867 .065 212-215 1868 .155/150 215-218 1869 .09 218-221 1870 .085 221-224 1871 .070 224-229 1872 .020
235-305	DARK GREEN TO BLACK. H=4 "SOAPSTONE" TYPE TALL SCHIST w BANDS OF PURPLISH GREY H=6 WEAKLY MAGNETIC SPECULARITE BEARING METASED. BANDS w 2% PYRITE IN ANHEDRAL BLESS. + TRAC. CPY.	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
305-	FOLD = 30-35' TO C.A. 295-300' - FINE GRAINED H=6.5 GRANULAR STRONGLY MAGNETIC PURPLISH GREY MASSIVE METASED? 5% QUARTZ UBINLETS @ 80-90° TO C.A. W TRACE CPY. 303-305' - GRAY BROWN FINE GRAINED METASED		
305-844'	DULL GREEN H=5 CHLORITE QUARTZ SCHIST W 20% WEAKLY FOLIATED TAN COLORED SERICITIZED & CARBONATED META SEPS W PURPLISH GREY BANDS UP TO 30% OF ROCK W ASSOCIATED FINE PYRITE MAKING A TOTAL OF 10% FINE PYRITE THROUGHOUT UNIT.	295-300 300-303 303-305 305-308 308-311 311-314 314-317 317-320	1873 .020 1874 .010 1875 .040/.040 1876 .020 1877 .035 1878 .010 1879 .010 1880 .040
344-419	450 GRADATIONAL CONTACT DARK GREEN H=4.5 CHLORITE TALL ALTERED UM FLOW BRECCIA 351-361 - FAULT ZONE @ 35° 4.0% FAULT GOUGE MATERIAL	320-323 323-326 326-329 329-332 332-335 335-338	1881 .55/.54 1882 .41/.41 1883 .06 1884 .08 1885 .100 1886 .015/.015
419-475	35° HIGHLY CONTORTED DARK GREEN H>5.5 CHLORITE & MARIPOSITE QUARTZ SCHIST. 419-436 - REDDISH BROWN TO TAN COLORED H=6 METASED? WEAKLY FOLIATED. LOCALLY UP TO 10% CHL FLAKES 456 - REDDISH BROWN MASSIVE TO WEAKLY FOLIATED - 462 MEDIUM GRAINED METASED H=6. W 3% CHLORITE FLAKES AND 2% SUBANGULAR JASPER FRAGS UP TO 1/2" INCH. 464.5-467 - DUFF COLORED ALTERED EQUIVALENT OF ABOVE	338-341 341-344 344-349 349-354	1887 .01 1888 .04 1889 .03 1890 .025
475-500	35° REDDISH BROWN MASSIVE TO WEAKLY FOLIATED H=6 HEMATIZED CHLORITE FLAKE BEARING ROCK. PROBABLY HEMATIZED METASED BAND.		
500-597	30° EMERALD GREEN H=5.5 HIGHLY CONTORTED MARIPOSITE & CHLORITE QUARTZ SCHIST NIL TO TR. PYRITE 30% "DUFF DYKE" MATERIAL 537-555 - GREYISH SERICITE & QUARTZ ALTERATION W ASSOCIATED 3% FINE PYRITE 585-596 - BECOMING LESS SCHISTOSE: MORE OF A SERICITE QUARTZ UM FLOW BRECCIA. 596-597 - GRAPHITE, QUARTZ ZONE (USUALLY ASSOCIATED WITH THOLEITIC CONTACT) END OF HOLE	535-540 540-545 545-550 550-555	1891 .015 1892 .005 1893 .005 1894 .005

DIAMOND DRILL LOG

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DATE AUG 25/88 PAGE: 1 OF 3

HOLE NO. N-88-129 DIP -47° AZMIUTH 340° LOGGED BY J. MEYER

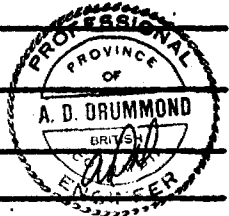
CORE SIZE BQ TOTAL FOOTAGE 498' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 503' @ -43° LOCATION: 18400N 33400W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 43'

DRILL TIME: START AUG 21/88 FINISH AUG 23/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION		
0 - 43'	OVERBURDEN (CASING)		
43' - 113	INTERBANDDED YELLOWISH GREEN CHLORITE & MAR SERICITE ALTERED UM FLOWS, DARK GREEN H=4 TALC CHLORITE ALTERED UM FLOWS & SCHIST AND REDDISH BROWN H=6 META SEDS.		
113 - 165	500 GRADATIONAL MARIPPOSITE CHLORITE SERICITE & QUARTZ SCHIST. YELLOWISH GREEN TO EMERALD GREEN. 30% OF ROCK UNIT COMPOSED OF YELLOWISH-TAN FOLIATED (SHEARED) H=6 META SED? BANDS UP TO 3 FEET IN WIDTH. FOLN @ 50° TO C.A.		
	102-112 - SHEAR ZONE - PREDOMINANTLY DARK GREEN TALC CHLORITE SCHIST. 30% FAULT GOUGE MATERIAL 97-99.5 - PURPLISH GREY FINE GRAINED H=6 GRANULAR HEMATITIC META SED BAND?		
	140-144.5 - PURPLISH GREY H=6-S SPECULARITE BEARING META SED BAND. 15% SPECULARITE BEARING FRACTURES @ 30° TO C.A.		
	151-165 - PREDOMINANTLY DARK GREEN H=4 TALC CHLORITE SCHIST		
165 - 217	EMERALD GREEN H=S-S MARIPPOSITE CHLORITE QUARTZ SCHIST. 20% YELLOWISH-BUFF COLORED SHEARED "BUFF-DYKE" MATERIAL. SOME W UP TO 5% PALE GREY QUARTZ & SERICITE STRINGERS CARRYING FINE PYRITE.	163-166	1778 .005
	166-167	1779	.240/.255
	167-170	1780	.010
	170-173	1781	.015
	173-176	1782	.200/.315
	176-179	1783	.035
	179-182	1784	.005
	182-185	1785	.010
	185-188	1786	.040
	188-191	1787	.045
	191-194	1788	.005
	194-197	1789	.010
	197-200	1790	.040
	200-203	1791	.015
	203-206	1792	.020
	206-208	1793	.055
	208-210.5	1794	.32/.31/.38/.35
	206-210.5 - FINER GRAINED (ALTERATION PRODUCT?) SERICITE CARBONATE ALTERATION. W 10% VERY FINE PYRITE + ARSENOPYRITE.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
217 - 300	PREDOMINANTLY DARK GREEN H=4 TALL CHLORITE SCHIST. W 20% OF ROCK UNIT COMPOSED OF TAN-BROWN COLORED SERICITIC METASED BANDS W UP TO 2% FINE PYRITE: 277-282: BROWN METASED BAND AS ABOVE 282-284: QUARTZ VEIN @ 35° TO C.A. W DEEP RED JASPER STAIN + CHLORITE AND SERICITE STRINGERS.	210.5-215	1795 .03
		215-217	1796 .02
		217-222	1797 .002
		222-224	1798 .01/.01
		227-232	1799 .002
		232-237	1800 .002
		237-242	1801 .002
		242-247	1802 .015
		247-252	1803 .002
		252-257	1804 .005
		257-262	1805 .002
		262-267	1806 .005
		267-272	1807 .002
		272-279	1808 .070
		279-282	1809 .050
50° GRADATIONAL CONTACT		282-287	1810 .04/.040
300 - 395	MEDIUM GREEN H=5 CHLORITE ± SERICITE QUARTZ SCHIST W INTERBANDS TAN TO DARK BROWN METASED BANDS - SOME SILICA, SERICITE AND CARBONATE ALTERED W UP TO GRADING INTO CHLORITE MARIPOSITE SERICITE QUARTZ SCHIST BY - 360' → 326-335: FINE GRAINED WELL FOLIATED (BEDDED!) TAN GREY METASED W SERICITE, SILICA, CARBONATE ALTERATION + UP TO 10% FINE PYRITE TRACE LCPY (IN SECONDARY QUARTZ VEINS) 1 FLECK OF VG- 335-339: CHLORITIC FAULT COUGE 367-373: PURPLISH GREY H=6 GRANULAR, FINE GRAINED BLEACHED METASED W 5-10% FINE PYRITE IN IRREGULAR SERICITE STRINGERS.	287-292	1811 .035
		292-297	1812 .040
		297-302	1813 .055
		302-307	1814 .020
		307-312	1815 .050
		312-317	1816 .030
		317-322	1817 .015
		322-326	1818 .21/.210
		326-330	1819 .135/.135
		330-335	1820 .32/.315
		335-340	1821 .020
		340-345	1822 .030
		345-350	1823 .005
		350-355	1824 .002
		355-360	1825 .002
360-367	1826 .002		
367-370	1827 .015		
370-373	1828 .24/.24		
373-378	1829 .12/.125		
378-380	1830 .02		
380-382	1831 .07		
382-385	1832 .025		
385-390	1833 .045/.050		
390-395	1834 .020		
395 - 413	DARK GREEN H=4-5 CHLORITE TALL ± QUARTZ ALTERED VM FLOW BRECCIA.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		395-400	1835 .010
		400-405	1836 .010
		405-410	1837 .005
		410-415	1838 .002
		415-420	1839 .005
		420-425	1840 .002
413 - 498	<p>40° HIGHLY CONTORTED, GRADATIONAL CONT.</p> <p>CHLORITE QUARTZ SCHIST BRECCIA, H=5.</p> <p>417-418- GREYISH-TAN FELSPATE H=6-S 1% PYRITE</p> <p>433.5-434.5 } TAN COLORED H=6 WEARLY FOLIATED</p> <p>435-436 } CHLORITE FLAKE BEARING METASED.</p> <p>440-455</p> <p>445- CHLORITE MARIPOSITE QUARTZ SCHIST</p>		
498 -	END OF HOLE		

DIAMOND DRILL LOG

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DATE AUG 21/88 PAGE: 1 OF 3

HOLE NO. N-88-130 DIP -65° AZMIUTH 340° LOGGED BY D. MEYER

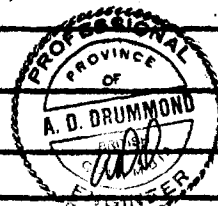
CORE SIZE BQ TOTAL FOOTAGE 705' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -62° @ 705' LOCATION: 18 100N 33 100N

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 43'

DRILL TIME: START AUG 19/88 FINISH AUG 20/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0-43'	OVERBURDEN (CASING)
43'-65	REDDISH, H=6.5 MEDIUM GRAINED METASEDS.
- 193	INTERBANDS: YELLOWISH GREEN MARIPOSITE ± CHLORITE ± SERICITE ALTERED UM FLOWS, DARK GREEN CHLORITE ± QUARTZ SCHIST, AND REDDISH BROWN AND PURPLISH GREY H=6 FINE TO MEDIUM GRAINED METASEDS. FOLD PREDOMINANTLY @ 30-30° TO C.A. 79-79.5 - FAULT SOUGE @ 30° 114-155 - FOLD @ 10-20° TO C.A. 144-148.5 - PURPLISH GREY H=6 MEDIUM TO FINE GRAINED CHLORITE FLAKE BEARING (2%) METASED? w TRACE BLUE QUARTZ EYES. UP TO 1.5MM. 154' - 2" CHLORITE FAULT SOUGE 155-158 - PINKISH GREY BIOTITE BANDS (BIOTITE METASED) 30°
193-223	- DARK GREEN TALL CHLORITE SCHIST 193-197 PINKISH TINGED COARSE GRAINED GABBRO/DIABASE DYKE @ 40° TO C.A. 217-220 - PURPLISH GREY H=6 FINE GRAINED BIOTITE → CHLORITE FLAKE BEARING MAGNETIC DYKE [40° GRADATIONAL CONTACT
223-325	DULL GREEN H=5 CHLORITE QUARTZ SCHIST, HIGHLY CONTORTED w FRAGS OF SPINIFEX TEXTURED UM FLOW UP TO 4-5 INCHES. 35% OF ROCK UNIT COMPOSED OF TAN COLORED FINE GRAINED META SED BANDS UP TO 3 FEET w UP TO 30% FINE DISSEM PYRITE 30°

260-255	1713	.025
255-260	1714	.010
260-265	1715	.045
265-270	1716	.015
270-275	1717	.010
275-280	1718	.050/.045
280-285	1719	.010
285-290	1720	.010
290-295	1721	.005
295-300	1722	.035
300-305	1723	.155/.115
305-310	1724	.020
310-315	1725	.010
315-320	1726	.100
320-325	1727	.255

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
325-	316-325- UP TO 10% FINE PYRITE IN SILICEOUS METASED BAND	325-330 1728 330-332 1729 332-335 1730 335-340 1731 340-345 1732	.125 1.12/1.12 AV 1.04/0.98 .025 .050 .005
325-380	30° DARK GREEN CHLORITE & TALL QUARTZ SCHIST (SHEAR ZONE) 330-332- VERY FINE GRAINED GREYISH TAN METASED? W UP TO 15% FINE TO VERY FINE PYRITE. 338-356- FAULT/SHEAR ZONE, 30% FAULT GOUGE MATERIAL 346-354- DEEP PURPLE H=6 HEMATITE, NON-MAGNETIC. METASED? @ 45° TO C.A.	345-350 1733 350-354 1734 354-359 1735 359-364 1736 364-369 1737 369-374 1738 374-380 1739	.002 .002 .002 .002 NIL .005 NIL
380-442	5° GRADATIONAL CONTACT PALE GREEN H=5 TO EMERALD GREEN CHLORITE & MARIPOSITE QUARTZ SCHIST. VARIABLE SERICITE ALTERATION. 20% YELLOWISH, BUFF, TAN FINE GRAINED WEAKLY FOLIATED MATERIAL. (METASED BAND?) "BUFF DYKES" LOCALLY BLEACHED AND ALTERED TO PALE GREY COLOR MAINLY ASSOCIATED W QUARTZ MICRO STRINGERS AND CARRYING UP TO 5% VERY FINE PYRITE. 426-427- SILICEOUS ALTERATION ZONE W UP TO 10% FINE PYRITE	380-385 1740 385-390 1741 390-395 1742 395-400 1743 400-405 1744 405-410 1745 410-415 1746 415-420 1747 420-425 1748 425-430 1749 430-435 1750 435-439 1751 439-442 1752	.030 .010 .010 .035 .020 .010 .002 .040 .080/.065 AV 0.725 .055 .010 .015 .030
442-475	250 SHARP CONTACT PALE TAN COLORED VERY FINE GRAINED ALTERED THOLEIIC METAVOLCANICS. H=5 SERICITE AND CARBONATE ALTERATION "SHATTERED" WITH STOCKWORK OF BLACK QUARTZ-CARB MICRO STRINGERS. ALSO BANDS OF QUARTZ SERICITE ALTERATION BARRY UP TO 25% FINE PYRITE POSSIBLY IN PILLOW SELVAGES.	442-445 1753 445-450 1754 450-455 1755 455-460 1756 460-465 1757 465-470 1758 470-475 1759	.385/380 AV .3825 .090 .160 .045 .055 .060 .110
475-622	400 GRADATIONAL CONTACT DARK GREEN TALL CHLORITE SCHIST SOAPSTONE STARTING OFF MEDIUM GRAINED AND BECOMING FINER GRAINED AND MORE TALCOSE. 547-548- CHLORITIC FAULT GOUGE @ 25° TO C.A.	475-480 3916 480-485 3917 485-490 3918 490-495 3919	.080/.075 .002 NIL NIL
622-690	50° GRADATIONAL EMERALD GREEN TO DARK GREEN H=5 MARIPOSITE CHLORITE QUARTZ SCHIST. 30% "BUFF DYKE" MATERIAL. BUFF TO TAN COLOR. 655-666- SERICITE & CARBONATE ALTERATION W PYRITIC STRINGERS MAKING UP 10% PYRITE IN ROCK.	630-635 1760 635-640 1761 640-645 1762 645-650 1763 650-655 1764 655-659 1765 658-661 1766 661-664 1767 664-666 1768	.002 .005 .005 .002 .005 .010 .030 .020 .135/.120 AV .1275
690-695	VERY FINE GRAINED		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
690-705	<p>MEDIUM GRAINED METAVOLCANIC. POSSIBLY TUFFACEOUS. GREY GREEN W 5% CHLORITE/MARLIPPOSITE FLAKES.</p> <p>690-697 - VERY FINE GRAINED TAN-GREY COLORED SERICITE CARB ALTERED DYKE ROCK. SIMILAR TO TROLEITIC APPEARING ROCK FROM 442-475 UP TO 10% DISSEM. + STRINGER PY.</p> <p>697 - GRAPHITIC CONTACT</p>	<p>666-670 1769</p> <p>670-675 1770</p> <p>675-680 1771</p> <p>680-685 1772</p> <p>685-691 1773</p> <p>691-694 1774</p> <p>694-697 1775</p> <p>697-700 1776</p> <p>700-705 1777</p>	<p>.005</p> <p>.005</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>.035</p> <p>.045</p> <p>.005</p> <p>.015</p>
705	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUG 15/88 PAGE: 1 OF 3

HOLE NO. N 88-131 DIP -50° AZMIUTH 340° LOGGED BY P. MEYER

CORE SIZE BQ TOTAL FOOTAGE 656' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -47' @ 650' LOCATION: 18400N 31400W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 10'

DRILL TIME: START AUG 11/88 FINISH AUG 15/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY "35" DRILL



0.203 gpt gold over 8' from 392 to 400 ft
in zone 0.092 " " " 21' " 392 to 413 ft.

FOOTAGE	DESCRIPTION
0 - 10'	CASING- OVERBURDEN
10' - 83'	EMERALD GREEN H=5.5 MARIPOSITE ± CHLORITE QUARTZ SCHIST. 20% OF ROCK UNIT COMPOSED OF BANDS AND BOUNDINGS OF YELLOWISH (SERICITIC) "BUFF DYKES". 450
83 - 128	DARK GREEN H=5 CHLORITE QUARTZ SCHIST. THINLY FOLIATED. ± BOUNDINGS OF BUFF COLORED QUARTZED FELD SPATHIC ROCK (METASEPS?) 20% OF ROCK UNIT COMPOSED OF REDDISH BROWN, H=6 FOLIATED ± FINE TO MEDIUM GRAINED METASED. BECOMING INCREASINGLY MORE SHEARED 40° GRADATIONAL CONTACT
128 - 135 F	FAULT GOUGE : CHLORITIC GOUGE ± 10% BULL WHITE QUARTZ CALCITE VEINING ± METASED MATERIAL 124-128.5 - REDDISH BROWN METASED MATERIAL. 127.5-139.5 FAULT BRECCIA. 350
135 - 149	DARK PINKISH BLACK PERIDOTITE 5% QUARTZ CALCITE VEINING
149 - 172'	SOAPSTONE / TALL CHLORITE SCHIST. FINE GRAINED H=4.5
172-182	DULL GREEN H=5 CHLORITE QUARTZ SCHIST 90°
182 -	DARK GREEN TO MEDIUM GREEN INTERBANDED CHLORITE TALL SCHIST AND CHLORITE ± TALL ALTERED UM FLOW BRG. 192-194 - FAULT GOUGE @ 35° TO C.A. 206-211 - MEDIUM GRAINED H=6, PINKISH GREY FOLIATED BIOTITE SYENITE? WEAKLY PORPHYRITIC ± UP TO 20% CHLORITE FLAKES MAGNETIC POSSIBLE METASED

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	237-239 - REDDISH BROWN H=6 METASEDS. 296.5-328' - REDDISH BROWN MEDIUM GRAINED. H=6-6.5 HEMATITIC METASEDS (SS TYPE) 315-320 - MORE CHLORITIC FINE GRAINED PORTION (GRWK TYPE) FOL @ 45° TO C.A. 45°	350-354 354-359 359-364 364-369	1543 .002 1546 .010 1547 .020 1548 .010 1549 .002
354-486	TRANSITION ZONE: DULL GREEN H= S.S CHLORITE ± SERICITE ± QUARTZ SCHIST INTERBEDDED WITH DARK GREEN TALL CHLORITE ± QUARTZ SCHIST, AND CHLORITE ALTERED UM FLOW BRECCIA, AND ORANGY BROWN (VARIABLELY ALTERED TO PINKISH GREY AND TAN) METASED BANDS. 354-368 - CHLORITE QUARTZ SCHIST W PINKISH GREY PYRITIC BANDS. ROCK HAS TOTAL OF 0.5% PYRITE 368-371 - TALL CHLORITE SCHIST 371-376 - DEEP GREYISH PURPLE H=6 CHLORITE FLAKE BEARING METASED BAND? 1% SPECULARITE. TR CPY. @ 30° TO C.A. (CONTACTS) 376-392 - CHLORITE TALL SCHIST 392-400 - YELLOWISH, TAN COLORED ALTERED METASED. W 5% SERICITE PYRITE STRINGERS. ROCK IS TOTAL OF 20% FINE PYRITE. 400-404 - CHLORITE SERICITE QUARTZ SCHIST. 0.5% PYRITE 404-413 - TAN COLORED CHLORITE FLAKE ROCK. POSSIBLE METASED BAND. 1% FINE PYRITE 413-420 FAULT ZONE IN CHLORITE SCHIST. 50% FAULT GOUDE 420-426 - DARK GREEN CHLORITE ± TALL ALTERED UM FLOW BRECCIA 35°	369-373 373-376 376-379 379-383 383-387 387-392 392-397 397-400 400-404 404-408 408-413 413-420 420-425 425-430 430-435 435-440 440-445 445-450 450-455	1549 .002 1549 .002 1550 .002 1551 NIL 1552 NIL 1553 .002 1554 .002 1555 .150 1556 { .245; .270 Av. 1557 { .330; .320 .248 1558 .025 1559 .035 1560 NIL 1561 NIL 1562 .002 1563 NIL 1564 NIL 1565 NIL 1566 NIL 1567 NIL
486-516	BUFF TO TAN COLORED H=6-6.5 FINE GRAINED WEAKLY FOLIATED CHLORITE FLAKE BEARING METASED? TRACE FINE PYRITE. 30°	455-460 460-465 465-470 470-475 475-480 480-485 485-490	1568 NIL 1569 NIL 1570 NIL 1571 .002 1572 .010 1573 .002 1574 .002
516-602	MEDIUM GREEN CHLORITE SERICITE (MINOR MARIPOSITE) QUARTZ SCHIST: H= 5.6 W STOCK WORK OF QUARTZ VEINLETS + TRACE TO NIL PYRITE. 516-531.5 - MULTIPLE CHLORITIC, H=5 BANDS 531.5-602 - 30% OF ROCK COMPOSED OF YELLOWISH TAN COLORED CHLORITE FLAKE BEARING ROCK AS FROM 486-516 W LOCAL BANDS OF PURPLISH GREY SERICITE ± SILICA ALTERATION W 1-2% FINE PYRITE. BANDS UP TO 3" @ 45° TO C.A.	490-495 495-500 500-505 505-510 510-516 516-520 520-525 525-530 530-535 535-540	1575 NIL 1576 .002 1577 NIL 1678 .002 1579 NIL 1580 .002 1581 .002 1582 .005/.005 1583 .002 1584 .005
602-644.5	CHLORITE ± TALL ALTERED UM FLOW BRECCIA ± DARK TO MEDIUM GREEN H= 4.5 WEAKLY FOLIATED @ 40° TO C.A. NIL TO TR. PY. 622-623 - QUARTZ VEINING @ 40° TO C.A.	540-545 545-550	1585 .005 1586 .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
649.5 - 656	MEDIUM GREYISH GREEN H= 5.5 FINEGRAINED TO MEDIUM GRAINED MASSIVE TO WEAKLY FOLIATED MAFIC DYKE? (ALTERED THOLEIITE)	550-555 1587 555-560 1588 560-565 1589	.002 .005 .002
656 -	END OF HOLE		

DIAMOND DRILL LOG

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PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUG 19/88 PAGE: 1 OF 3

HOLE NO. N-88-132 DIP -55° AZMIUTH 340° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 702' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 702' = -50° LOCATION: 18400N 31400W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 16'

DRILL TIME: START AUG 16/88 FINISH AUG 18/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
	0.96 opt gold over 5' from 405 to 410 " 0.49 " " " 10' " 400 to 410' " 0.227 " " " 25' " 385 to 410'
0 - 10	OVERBURDEN / CASING
10' - 83'	INTERBANDED MARLPOSITE ± CHLORITE QUARTZ SCHIST AND BUFF TO YELLOWISH COLORED DYKE ROCK. H=5.5
83 - 105.5	450 DEEP PURPLISH GREY H=5.5-6 META GRWK 5% CHLORITE FLAKES
105.5 - 179	35° DARK GREEN H=4 TALL CHLORITE SCHIST w 30% REDDISH BROWN H=6 METASED IN FRACTURED + BROKEN BANDS. 105.5-154 - SHEAR ZONE 30% OF ROCK COMPOSED OF CHLORITIC FAULT GOUGE 154-160 - PERIDOTITE 30°
179 - 208	30° CHLORITE QUARTZ SCHIST: THINLY FOLIATED H=5 FOLN @ 35-40° 186-187, 194.5-197, 199-204: COARSE GRAINED H=6.5 ORANGE BROWN FELDSPAR BANDS - PROBABLY SS TYPE META SEDS 20% PY
208 - 350	30° DARK GREEN CHLORITE ALTERED DM FLOWS. WELL DEVELOPED SPINIFEX TEXTURE. H= 4.5-5. PINKISH QUARTZ (CRB) WHIMPLETS 5% PURPLISH GREY FINE GR. META SED BANDS 20% 246-373 - 30° DEEP REDDISH (PURPLISH) BROWN COARSE GRAINED HEMATITIC SS TYPE METASED. H=6.5. FELDSPAR FRAGS UP TO 0.5CM MAKE UP 20% OF ROCK 312-317. REDDISH-BROWN PORPHYRITIC? H=6 FINE GRAINED ARKOSID METASED. 337-345 - PURPLISH GREY FINE GRAINED (WEAKLY HEMATITIC (2% JASPER FRAGS)) 345-350 - WELL DEVELOPED BRECCIA. SUB ANGULAR FRAGS OF QUARTZ - FELDSPATHIC META SED IN DM FLOW ROCK (CHLORITE)

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
350-357	FAULT ZONE. 30% FAULT GOUGE, ROCK SHEARED @ 30° TO C.A.		
357-385	<p>30° GRADATIONAL CONTACT</p> <p>DARK GREEN TO BLACK TALL CHLORITE SCHIST. FOLIO @ 20°-30° TO C.A.</p> <p>BANDS OF PURPLISH GREY BIDIITE FLAKE METASED MATERIAL H= 5.5. LOCALLY WITH FELDSPAR FRAGS UP TO 3MM</p>		
385-420	<p>30° FAIRLY SHARP CONTACT</p> <p>INTERBANDS: CHLORITE QUARTZ TALL SCHIST (MEDIUM GREEN, HIGHLY CONTORTED (DRAG FOLDED); DARK GREEN H= 4 CHLORITE & TALL SCHIST, AND TAN COLORED ALTERED (SERICITIZED) H= 6 METASED ^(probably not) W UP TO 1% FINE PYRITE, PINKISH TINGED QUARTZ VEINS (W HEM ATITE STRAINING) MAKE UP 30% OF LATTER MATERIAL. @ RANDOM ORIENTATION.</p>	<p>380-385 1590</p> <p>385-390 1591</p> <p>390-395 1592</p> <p>395-400 1593</p> <p>400-405 1594</p> <p>405-410 1595</p> <p>410-415 1596</p> <p>415-420 1597</p> <p>420-423 1598</p> <p>423-428 1599</p> <p>428-432 1600</p> <p>432-440 1601</p>	<p>NIL</p> <p>.140</p> <p>.010</p> <p>.005</p> <p>.020</p> <p>1.88/98 av. .96</p> <p>.96/.98</p> <p>.005</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p>
420-538	<p>30° GRADATIONAL CONTACT</p> <p>DARK GREEN CHLORITE TALL SCHIST. H= 4 FOLIAT ED @ 20-35° TO C.A. AN CHLORITE/TALL ALTERED UM FLOW BRECCIA</p> <p>420-470 - FAULT ZONE: MULTIPLE FAULT GOUGES, BANDS OF PURPLISH GREY FINE GRAINED GRANULAR META SED. AND BOUNDINGS OF ORANGY BROWN TO TAN COLORED SS TYPE META SED.</p> <p>423-428, 432-434 - PURPLISH GREY GRANULAR BIOTITE SYENITE/METASED AS ABOVE. @ 40° TO C.A.</p>	<p>440-445 1602</p> <p>445-450 1603</p> <p>450-455 1604</p> <p>455-460 1605</p> <p>460-465 1606</p>	<p>.002</p> <p>.005</p> <p>.005</p> <p>NIL</p> <p>.002</p>
538-642	<p>30° SHARP CONTACT</p> <p>QUARTZ CHLORITE SCHIST BRECCIA; DARK GREEN H= 5-5.5 STOCKWORK OF UP TO 50% QUARTZ STRINGERS IN RANDOM ORIENTATION HAVE BRECCIATED ROCK.</p> <p>563-572 - MASSIVE TO WEAKLY FOLIATED CHLORITE FLAKE BEARING GREENISH-TAN H= 5.5 FINE GRAINED BAND, W 1% FINE PYRITE. POSSIBLE METASED BAND? 40°</p> <p>572-642 SERICITE STRINGERS UP TO 5% - TRACE TO NIL FINE PYRITE 45°</p>		
642-658	<p>MARIPOSITE QUARTZ SCHIST AND MARIPOSITE SERICITE ALTERED UM FLOWS, POSSIBLY RELATED TO QU BELOW:</p> <p>642-646 - BULL WHITE QUARTZ VEIN. 30°</p>		
658-671	450 GRADATIONAL CONTACT		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
658-671	MOTTLED CHLORITE SERICITE CARBONATE & QUARTZ SCHIST.		
671-695	<p>FINE TO MEDIUM GRAINED ^{GREY GREEN} / WEAKLY FOLIATED THOLEIITIC? METAVOLCANICS. H=S. MULTIPLE GRAPHITIC BANDS.</p> <p>685-686. } GRAPHITE, QUARTZ SHEARS @ 45° 690-691.5 } 694-695. } MINOR PYRITE</p>		
695-702	FINE GRAINED THOLEIITIC METAVOLCANICS w 3% BLACK QUARTZ CARB. MICRO STRINGERS.		
702'	END OF HOLE		

DIAMOND DRILL LOG

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PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUG 18/88 PAGE: 1 OF 3

HOLE NO. N 88-133 DIP -60° AZMIUTH 340° LOGGED BY D. MEYER

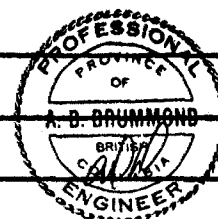
CORE SIZE BQ TOTAL FOOTAGE 853' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -55° @ 853' LOCATION: 18 N 31 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 10'

DRILL TIME: START AUG 16/88 FINISH AUG 18/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0-10'	OVERBURDEN / CASING
10'-91'	EMERALD GREEN MARIPOSITE ± SERICITE QUARTZ SCHIST H=5.5 W BANDS OF YELLOWISH-TAN-BUFF DYKE MATERIAL W UP TO 10% MARIPOSITE FLAKES. NIL TO TRACE PYLITE.
	40° SHARP CONTACT
91'-119'	DEEP PURPLISH GREY H=6 GRANULAR FINE GRAINED HEMATITIC (SPECULARITE BEARING) METASED. MAGNETIC
	40° SHARP CONTACT
119'-258	DARK GREEN H=4 TALL CHLORITE ± QUARTZ SCHIST HIGHLY CONTORTED FOLD = 20°-55° TO C.A. BOUNDARS OF QUARTZ FELDSPATHIC META SEDS
F	145-177 FAULT ZONE - 90° FAULT GOUGE AND FAULT BRECCIA. 159-160 - DEEP RED JASPER RICH METASED BAND 161-172 - " " " " " "
	177-197 - DARK PINKISH BLACK MEDIUM GRAINED PERIDOTITE. PERVASIVE CALCITE ALTERATION
	197-258 - FOLD ± 15°-40° TO C.A. 10% METASED BANDS 241' - 6" OF FAULT BRECCIA
	40°
258'-294	CHLORITE ALTERED UM FLOWS - GOOD SPINIFEX AND CUMULATE TEXTURES - LOCALLY BRECCIATED INTO FRAGS UP TO 3 INCHES.
	40°
294'-380	COARSE GRAINED H=6.5 METASEDS? / SYENITE. DEEP PURPLISH RED (HEMATITIC) NON MAGNETIC. SPECULARITE BEARING QUARTZ CALCITE STRINGERS. JASPER COLORED FRAGS UP TO 5MM. LOCAL CHLORITIC BANDS. DARK GREEN H=5
	40°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
380-385	WELL DEVELOPED BRECCIA: ^{SUB} ANGULAR FRAGS OF: PALE GREEN UM FLOW, TAN COLORED METASEDS, REDDISH COARSE GRAINED MATERIAL AS FROM 294-380 ALL IN DARK GREEN CHLORITIC MATRIX. WEAK FOL @ 45° (BEDDING?)		
385-388	SHEAR ZONE @ 30° MULTIPLE CHLORITIC FAULT GOUGES.		
388 -	<p>INTERBANDS DARK GREEN H=4.5 TALL CHLORITE SCHIST + H=5 CHLORITE QUARTZ SCHIST AND HEMATIZED ± PORPHYRIC SYENITE METASEDS</p> <p>439-444 - TAN COLORED SERICITE & CARBONATE ALTERED METASEDS W 1% FINE PYRITE. * 44.5 VG IN QV.</p> <p>444-455 - PINK (PURPLISH) GREY FINE GRAINED H=6 MAGNETIC MAFIC DYKE? / META ARGILLITE.</p> <p>461-470.5 - PURPLISH GREY HEMATIZED DYKE? ROCK AS ABOVE</p> <p>470-490 - DEEP RED JASPER RICH BIOTITE FLAKE BEARING METASED OR SYENITE, W 10% STOCKWORK TYPE QUARTZ VEINS</p> <p>497-516 - PURPLISH GREY H=6 WEAKLY FOLIATED STRONGLY 'DYKE?' W 5% CHLORITE FLAKES (AFTER BIOTITE), 1% QUARTZ FRAGS (PHENOS) UP TO 2MM.</p> <p>529-545 - UP TO 40% FAULT GOUGE MATERIAL @ 350</p>	<p>920-925 1616 .010</p> <p>925-930 1619 .005</p> <p>930-935 1618 .010</p> <p>935-940 1619 .002</p> <p>940-945 1620 .27/.235 ac. .22</p> <p>945-950 1621 .215/.210 .07</p> <p>950-955 1622 .07</p> <p>955-960 1623 .010</p> <p>960-965 1624 .015</p> <p>965-970 1625 .002</p> <p>970-975 1626 .002</p> <p>975-980 1627 .025/.015</p> <p>980-985 1628 NIL</p> <p>985-990 1629 .015</p>	<p>990-995 1630 NIL</p> <p>995-500 1631 NIL</p> <p>500-505 1632 NIL</p> <p>505-510 1633 NIL</p> <p>510-515 1634 .002</p> <p>515-520 1635 NIL</p> <p>520-525 1636 NIL</p> <p>525-530 1637 NIL</p> <p>530-535 1638 NIL</p> <p>535-540 1639 NIL</p> <p>540-545 1640 .003/.002</p> <p>545-550 1641 NIL</p> <p>550-555 1642 .002</p> <p>555-560 1643 NIL</p>
545-547	<p>DARK GREEN H=4. TALL CHLORITE SCHIST / SOAPSTONE</p> <p>545-555 - PINKISH TINGED HEMATITIC H=5 CALCAREOUS ALTERATION OF SOAPSTONE W TR FINE PYRITE.</p>		
547-646	<p>DARK GREEN H=4.5 TALL CHLORITE ALTERED UM FLOW BRK.</p> <p>612-614.5 - PURPLISH, FINE GRAINED H=6 BIOTITE SYENITE? / METASED.</p>		
646-666	<p>DARK GREEN CHLORITE QUARTZ SCHIST BRK</p> <p>20% SUBROUNDED QUARTZ BRAGS</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
666-698	<p>YELLOWISH-TAN TO PURPLISH GREY MEDIUM GRAINED H=6 FOLIATED CHLORITE FLAKE BEARING PORPHYRITIC TUFF/METASED. 0.5% JASPER FRAGS, LOCALLY 3% PURPLISH QUARTZ CRYSTALS. FOLN @ 30-40° TO C.A. INTERBANDED FINE GRAINED H=6 LAYERS UP TO 8" @ 30° TO C.A. MAKE UP 40% OF ROCK UNIT NIL TO 4R. PYRITE</p>		
698-739	<p>MARIPOSITE ± CHLORITE ± SERICITE QUARTZ SCHIST. EMERALD GREEN, HIGHLY CONTORTED H=5.5 NIL TO TRACE PYRITE BECOMING LESS FOLIATED/BRX. TO REVEAL GOOD UM FLOW TEXTURES. 40° FAIRLY SHARP CONTACT</p>		
739-777	<p>YELLOWISH TAN SERICITE ALTERED UM FLOW. 5% OF ROCK COMPOSED OF DARK GREY QUARTZ STRINGERS UP TO 0.5CM @ RANDOM ORIENTATION ("STOCKWORK" TYPE)</p>		
777-817	<p>YELLOWISH GREEN MEDIUM GRAINED TO FINE GRAINED UM FLOWS HIGHLY "SHATTERED" WITH 5% BLACK QUARTZ CARBONATE FILLED MICRO FRACTURES. SERICITE ALTERATION</p>		
817-853	<p>FINE TO VERY FINE GRAINED YELLOWISH GREEN SERICITE ALTERED THOLEIITIC FLOWS. W 20% GREYISH QUARTZ CALCITE VEINS @ 40-35° UP TO 1CM. VEINS HAVE "SHATTERED" APPEARANCE POSSIBLE CHEST BEDS? 40° QUARTZ, GRAPHITE AND COARSE ANHYDRAL PYRITE IN 6 INCH SHEAR ZONE</p>		
853'	<p>END OF HOLE</p>		



DIAMOND DRILL LOG

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PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUGUST 14/88 PAGE: 1 OF 2

HOLE NO. N-88134 DIP -45° AZMIUTH 340° LOGGED BY D. MEYER

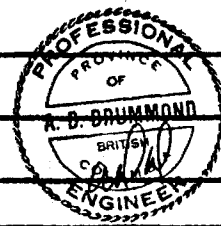
CORE SIZE BQ TOTAL FOOTAGE 558 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 18+20 N 30+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 13'

DRILL TIME: START AUG 10/88 FINISH AUG 11/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS BRADLEY "35" DRILL



FOOTAGE	DESCRIPTION
N - 13'	OVERBURDEN / CASING
13' - 125'	INTERBANDDED SERICITE / MARIPOSITE ± QUARTZ SCHISTS AND PURPLISH AND REDDISH BROWN H=6 METASEDS FOL ^d PREDOMINANTLY @ 40° TO C.A.
125 - 201	40° GRADATIONAL CONTACT DULL GREEN H=5 CHLORITE ALTERED UM FLOWS AND CHLORITE QUARTZ SCHIST. HIGHLY CONTORTED LOCALLY. W BODDINS OF QUARTZ FELDSPATHIC META SED. MATERIAL. ROCK IS VARIABLY HEMATITIC (SPECULARITE BEARING) 140-155 - TALL CHLORITE SCHIST H=4, BLACK IN CONTACT W SHEAR ZONE. FOL ^d = 70° TO C.A. WAVY + CONTORTED. 154-175 - FAULT / SHEAR ZONE. 30% OF ROCK COMPOSED OF FAULT GOUGE MATERIAL. 30-40° TO C.A.
201 - 272	PALE GREEN TO EMERALD GREEN H=5 MARIPOSITE CHLORITE SERICITE ALTERED UM FLOWS, WELL DEVELOPED SPINIFEX / CUMULATE TEXTURES. FOL ^d = 40°-30° TO CORE AXIS 201-205 - DEEP REDDISH BROWN H=6 SS TYPE METASED BAND. @ 40° TO C.A. 350
272 - 421.	PALE YELLOWISH GREEN (SERICITE) TO DULL GREEN (CHLORITE) CHLORITE SERICITE ± QUARTZ SCHIST W FRAGS OF UM FLOW TEXTURED ROCK. + BANDS OF H=6 METASEDS, 346-347 - ZONE OF CARBONATE / SERICITE ALTERATION. DARK BROWN. WISPS OF SERICITE MAKING UP 35% OF ROCK GIVE ROCK A "MOTTLED" APPEARANCE, NIL TO TRACE FINE PYRITE 367-372 - FAULT GOUGE @ 30° TO C.A.

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUG 14/88 PAGE: 1 OF 2

HOLE NO. N-88-135 DIP -55° AZMIUTH 340° LOGGED BY P. MEYER

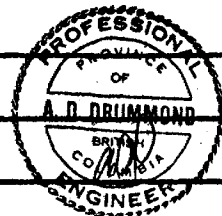
CORE SIZE BQ TOTAL FOOTAGE 479' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE LOCATION: 18420N 30400W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 13'

DRILL TIME: START AUG 9/88 FINISH AUG 10/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS BRADLEY BAOS. "35" DRILL
HOLE LOST DUE TO FAULT



FOOTAGE	DESCRIPTION
0-3' 0-43' 3'-13'	CASING / OVERBURDEN
13'-127	NW CASING BORED INTO ROCK - 10' OF NW CORE INTERBANDS: EMERALD GREEN H=6.5 MARLPOSITIVE CHLORITE & QUARTZ SCHIST, YELLOWISH SERICITIC "BUFF-PYLES" W UP TO 10% MARLPOSITIVE FLAKES, PURPLISH H=6 META SEDS AND DEEP REDDISH BROWN H=6.5 FINE GRAINED META SEDS. FOLDS @ 45° TO C.A. ROCK IS HARD AND COMPETENT. W LOCAL LIMONITE STAINED FRACTURES PREDOMINANTLY NORMAL TO FOLD BOUDINS OF QV + META META SEDS. 45° GRADATIONAL CONTACT
127-156'	DULL GREEN H=5 CHLORITE QUARTZ SCHIST. FOL @ 152' SHALLOWING TO 20° TO C.A. 30° GRADATIONAL CONTACT
156-209	DARK GREEN TALL CHLORITE SCHIST HIGHLY CONTORTED, H=4 W BOUDINS OF QV AND QUARTZ FELDSPATHIC META SEDS. LOCALLY DRAG FOLDED. 183-197 - FAULT GOUGE 197-200 - COARSE GRAINED PINKISH BLACK PERIDOTITE 20° GRADATIONAL CONTACT
209-286	DULL GREEN TO LIGHT GREEN H=5. CHLORITE AND SERICITE ALTERED UNFLOWS. AND CHLORITE & SER. & QUARTZ SCHIST. GOOD SPINIFEX TEXTURES. 209-218 - STRONGLY SHEARED, PRESUMABLY IN CONTACT W PERIDOTITE BEARING FAULT ZONE 40° SHARP CONTACT
286-351	DEEP PURPLISH RED H=6.6 PORPHYRITIC, SS TYPE METASED? OR PORPH. SY DYKE. TR. PYRITE

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
351 - 421.5	<p>PALE YELLOWISH GREEN H=5 CHLORITE ± MARIPOSITE SERICITE ALTERED UM FLOWS? FINE TO MEDIUM GRAINED NO FLOW FEATURES VISIBLE. POSSIBLE METASED? FOLD @ 10-25' TO C.A. 5% CHLORITE ± MARIPOSITE FLAKES</p>		
421.5 - 440	<p>40° GRADATIONAL CONTACT DARK GREEN CHLORITE, QUARTZ SCHIST. H=5</p>		
440 - 461	<p>35° DARK GREEN TALL CHLORITE SCHIST H=4 - BECOMING INCREASINGLY MORE SHEARED. TOWARDS 461'. 20% OF ROCK UNIT COMPOSED OF BANDS OF PURPLISH H=6 "BIOTITE SYENITE" TYPE ROCK. PROBABLY GUNK TYPE METASED. @ 30° TO C.A.</p>		
461 - 479	<p>CHLORITIC FAULT GOUGE ± 20% SUBANGULAR FRAGS OF QUARTZ VEIN</p>		
479'	<p>HOLE LOST TO FAULTING END OF HOLE</p>		

DIAMOND DRILL LOG

T. & H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE July 7, 1988 PAGE: 1 OF 6

HOLE NO. N88-89A DIP -60° AZMIUTH 340° LOGGED BY M. H. SANGUINETTI

CORE SIZE NQ/BQ TOTAL FOOTAGE 946' DIP TEST: YES/NO

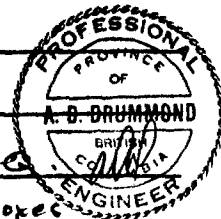
DIP FOOTAGE AND DEGREE 926' @ -55°, collar -60° LOCATION: 16⁶⁺⁰⁷N 36W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 11' NW; 300' BW

DRILL TIME: START June 30/88 FINISH July 8^N MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS Redrilling of N88-89-; drilled 286' NQ then reduced to BQ

57 boxes



FOOTAGE	DESCRIPTION	
0 - 11	Overburden	
11 - 83	<p>Quartz-Chlorite-Margarite (Sericite) Schist and Sandstone type metasediments.</p> <p>Metaseds are pinkish to tan, to light green, locally variegated. Thin tan and yellowish wisps interlayered in Q-C-M schist, generally with margarite flakes. Py < 1%, non-mag.</p> <p>52-55.5 - Dike or Quartz vein, light olive green, chlorite H ~ 7. cut by thin qtz stockwork. loc yellowish sericite.</p> <p>61-63 - Quartz vein, as above, but more of stockwork and brxn. py < 1% - lower contact more schistose.</p> <p>Schist is generally emerald green, well foliated, Py Tr & < 1%, with tan & apple green wisps, local limonite weathering of carbonates to 6" at fractures to 88.</p> <p>log 38' @ 30° 72' @ 25° 81' @ 50°</p> <p>Transitional contact - decr in margarite & sericite</p>	<p>46-52 84875.050/.046</p> <p>52-55.5 84876.030/.025</p> <p>55.5-61 84877.010</p> <p>61-63 84878.050/.050</p>
83 - 98	<p>Quartz-Chlorite Schist interlayered with pink hematitic sst type metasediments. Dark dull green + white, non mag, H 5 1/2, weak carb. Py Tr. cubed.</p>	
98 - 185	<p>Transitional contact</p> <p>Chlorite-Talc-Quartz Schist. Dark grey, green to black, dull, interlayered with pink to purple, hematitic, metaseds; silicious</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>schistose segments may contain biotite-rich slightly porphyritic segments which resemble dykes or dyke fragments, as at 119-120 @ 20° and spotty between 134 & 143 @ 35°.</p> <p>- metabeds are darker maroon - sparse euhed py. locally mag.</p> <p>Fault 144-146 - @ 45°, chlorite clay gouge locally bixid talcose / meta sed mix below</p> <p>148-151 bixid frags of UM, dark green, talcose. U. py. mag. calc. loc. spongy.</p> <p>fdn 105 @ 30° 116 @ 40° 143 @ 60°</p> <p>Fault Zone 151 to 187 - segments of intense shear and gouge 156-164, @ 50° 168-171 @ 50° 177-187 @ 0° to 60°, loc. clay gouge mostly fragments of sheared mottled UM, loc. spongy - minor dark purple metabed, v. calc. hematite, py < 1% commonly fine euhedul.</p> <p>Fault Contact _____ 30°</p>		
185-223	<p>Peridotite, medium and coarse grained with local intervals of v. fq. local cumulate alld to black talc in purp/pink matrix; calc.; mag; generally separated by sheared talcose/schistose green UM (black to dull dark green)</p> <p>192-197 - bixid & sheared UM, fold 0-60°, fault gouges, calc/py, & contacts at 30°-70°.</p> <p>199-200 - UM, @ 75° dark green, talcose</p> <p>200-203, coarse, talcose, purple-bld.</p> <p>203-206 - bulted, & bixid, 1"-3" gouge @ 40°, talcose UM</p> <p>206-209 - coarse cumulate plase followed by finer grain Segment to 216.</p> <p>216-223. med gr. talcose, bixid & sheared 222-223.</p> <p>lower contact, sheared at 50°. _____ 50°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
223-401	Talc-Chlorite (Sericite) Quartz Schist faulted & contorted local shearing at 40° - Tr Py, non-calc non-mag. black to dk green (dull) H ~ 4 1/2 - 5'		
	Major fault - 229 - 235.5, massive gouge of chl. talc, clay & qtz pebbles 230 - 235.5. @ 30°-40° NW	223-225	84879 .002
		225-230	84880 .005
	235.5-243 - Quartz-Chlorite-Sericite (Talc) schist, Brownish black, showing folding, kink & chevron and minor ptg fldy. H ~ 5 1/2. Inc py content to 2%. foliated 5° to 20° non-calc appears to be in steep shear (chloritized) contact below at 0-5°	230-235	84881 .002
		235-238	84882 .020/.015
		238-241	84883 .005
		241-243	84884 Nil
		243-247.5	84885 .002
	243-247.5 - Q-C-T (Ser) schist, chaotic & bixid - dark green & black. Tr Py, H ~ 4 1/2 - 5' Sericite is bright yellow to green (mariposita) - Shear, chloritized. 20°	247.5-252	84886 Nil
	247.5-260 - Foliated metasediments, dull dark maroon, chloritic, schistose, H 5 1/2 - 6, foliated 0° - 30°, Tr Py, weakly mag. 20°		
	260-278 Talc-Chlorite-Sericite-Quartz schist, thin, foliated Dull dark dirt green, locally distorted & sheared to foln @ 20-30°. Tr euhed Py, non-calc, non-mag sheared 270 - 0-20°. minor clay gouge. 20°		
	278-280 - Finely foliated metasediments, SST type, 2% py, foln 0° to 25° ca. (as if an included sheared fragment). H ~ 6 - 6 1/2 lower contact bixid -		
	280 - T-C-Q schist # f/w at 285 - 2' qtz-magnetite vein @ 20° ca, with 1/4" gouge/shear. 1 1/2" gouge @ 65°		
	286 - Reduce to BQWL.		
	286-328 Major fault zone, generally at 25° ca. with gouge zones at 294-296 305-306 308-311 324-327		
	contains section of competent sil. rock at 312-313.5 and short pe at 315 of dark grey maroon foliated SST metased. fold 25° to enclosing schist non-mag. H ~ 6 1/2 + py 1-2%, enclosing schist is mag.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>Schist is magnetic through most of the fault, and following foliated flows.</p> <p>328-345 - more competent schistose flow rocks, calc. mag, locally strongly mag. minor Qtz, orig. crackle breccia locally. H_v 5'2-6 - Tr Py, flow texture, fol_v 345° @ 30°.</p> <p>345-401 Talc-chl (Qtz) schist - black, loc serpentinized after flanking Qtz veins (356) Tr Py, gen non-mag, calc, sheared fol_v @ 20-30° shearing 576-601 at 10-30° to ca. minor brown and thin gouge.</p>		
401-474	<p>mm 30° fault/shear contact.</p> <p>Olivine Peridotite - black, locally magnetic, calcareous, Tr Py, olivine cumulate, alternating fine to coarse, calcareous selvages between flows. H_v 5 1/2.</p> <p>454-456 - shearing, slickensided at 0-15° ca.</p> <p>470-474 - shearing at 30-35°, minor chl gouge.</p>		
474-576	<p>35° - shear</p> <p>Peridotite, massive, black, magnetic, calcareous Tr Py, H_v 4 1/2-5, local calc-serpentine bands as interflows, see shear 651 at 40° minor gouge, very talcose to soapstone locally.</p> <p>-584-588 - more compact with dark brownish colour, localized flow textures. minor white calc. stockwork.</p> <p>560-561 - minor shear at 35°.</p> <p>foliated in lower interval at 570-571 @ 60°</p>	<p>560-564</p> <p>564-568</p> <p>568-571</p> <p>571-576</p> <p>576-581</p> <p>581-586</p>	<p>84887 NIL</p> <p>84888 NIL</p> <p>84889 NIL</p> <p>84890 NIL</p> <p>84891 NIL</p> <p>84892 NIL</p>
571-603	<p>mm 60° fault.</p> <p>571-572 fault, mottled clay gouge @ 60° - Talc-Chlorite (Quartz) Schist - dark olive green to black, magnetic, locally pyritic fragments to 5% (over 6'), short included sections (4-6") of pyrite, light grey flow. - This entire section is a shear/fault zone.</p> <p>F. gouge @ 576-580 60° 581 @ 45° 583-585 - 10° to 60°.</p> <p>591 at 50° 596-598 @ 50° 599-600 @ 50°</p> <p>601-603 @ 60° mottled clay</p> <p>filled at 581 @ 35°</p> <p>mm 60° fault</p>	<p>586-591</p> <p>591-596</p> <p>596-601</p> <p>601-603</p>	<p>84893 NIL</p> <p>84894 NIL</p> <p>84895 NIL</p> <p>84896 .0101</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
603-620.5	<p>Fault contact</p> <p>Mineralized unit - altered Carbonate-syenite rock ("Syenite trachyte") - buff to light purple-grey cut by 2 stages of quartz stockwork and a later black-fine hairline stockwork, pyrite 12-5%, flow textured and brecciated. H=6"±.</p> <p>603-606 - mineralized tan/grey unit, pyrite locally 5-5%, two stages. VF + fine subhedral. — 40°</p> <p>606-607 - brokd talc chlorite schist, scintils, fragments of text. UM, spinifex? Py < 1% — 40°</p> <p>607-611 Mineralized unit as above, locally 5% py, cut by st + gt₂-magnetite veinlets, some pink hematite staining + jasperish fragments. foliation @ 40° — 50°</p> <p>611-619 - Talc-Chlorite schist breccia, UM fragments of olive green, locally spinifex text., Py < 1% to 1%. Fault 614.5-616 at 10° CA - 1/4" chl gouge. foliated @ 40° at 617' — 45°</p> <p>619-620.5 Mineralized unit as above, foliated @ 60°, Py 3-5% purple grey — 30°</p>	<p>603-606</p> <p>606-607</p> <p>607-611</p> <p>611-615</p> <p>615-619</p> <p>619-620.5</p>	<p>84897 .300/.300 ✓</p> <p>84898 .055/.055 ✓</p> <p>84899 .290/.310 ✓</p> <p>84900 .010 ✓</p> <p>84901 .002 ✓</p> <p>84902 .035/.035 ✓</p>
620.5-891	<p>Dark olive green Talc-Chlorite schist - Text'd brex of alt'd UM fragments, frequent spinifex, Py < 1%, H=4 locally magnetic, non-calc. upper contact sheared at 30° to 623.</p> <p>637 - shear @ 10° - brokd to 640.</p> <p>644-645 - "biotite syenite"; dark purple, py 1% fragment of metasd., foliated at varying angles.</p> <p>thn 650' @ 40°</p> <p>666' @ 50°</p> <p>690' @ 35° — 35°</p> <p>692-700 Biotite Syenite Dyke, slightly porphyritic, local agglomerations of biotites, magnetite H=6, foln of 50°, py < 1%. narrow bleached margins. — 70°</p> <p>702-726 - Shearing/faulting // CA to 10°, locally hematitic minor layers clay gouge around fragments, occ. dots of Py @ 3 mm</p>	<p>620.5-625</p> <p>625-630</p> <p>630-635</p> <p>635-640</p> <p>640-645</p> <p>645-650</p>	<p>84903 NIL</p> <p>84904 NIL</p> <p>84905 NIL</p> <p>84906 NIL</p> <p>84907 NIL</p> <p>84908 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>702 on - dark green/grey text'd OM with freq. spinif. clasts, foliated as T-C schist, locally black. In Py as occ "clasts" or clots, 1 cm.</p> <p>745-746 - fault at 30°, sheared from 739-749. foln 760 @ 30°</p> <p>Fault 761-769, major clay gouge, @ 0-15°. foln 783 @ 55° - text'd br.</p> <p>Fault 788-801 - subby clay gouge @ 60° sheared (fault) 804-812 @ 40° foln, 825 @ 50°</p> <p>828-830 - Porphyry Dyke, med grey, vol: med-fg. In Py. mag, H w 6. - 1" bleached margins.</p> <p>832-833.5 - Siliceous inclusion, ^{dyke} brecciated on contacts, dark grey in centre and light orange/white on contacts chloritic sheared contacts at 50° & 30° fold 852 @ 40° in dull olive green OM brx, freq spinif.</p> <p>856-891 - lighter grey-green siliceous gtz-chl schist breccia, contains acc. frags of tholeiite metavol, bleached tan & brecciated, locally very sericitic - Py < 1% as vfg dissems + associated with narrow gv. foliated irregularly at 30°-60° H w 5 1/2 - 6 1/2 - locally weak calc., non mag.</p>		
891-946	<p>Altered Tholeiitic Metavolcanic. Carbonated light tan, H w 5 1/2, non-calc, weakly calc. brecciated, sections of darker green, sericitic metavol</p> <p>895-896 - fault, graphitic with 6" gtz + pyrite at 60°, locally submassive py over 4".</p> <p>918-923 - Graphitic/quartz shear, clusters of coarse pyrite to 1" some rounded, slickensided, at 40°. brecciated gtz + py + graphite in 918-923.</p> <p>923-941 - Brecciated tan metavol.</p> <p>941-946 - darker dull green submassive tholeiite, py < 1%, non-calc, non-mag, H w 5 1/2, loc brecciated + fol'd @ 40° with fine brx fillings.</p>		
946	End of Hole.		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE July 12/88 PAGE: 1 OF 5

HOLE NO. N88-96 DIP -60° AZMIUTH 340° LOGGED BY M.H. SANGUINETTI

CORE SIZE BQ TOTAL FOOTAGE 996 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 16N 37W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 12'

DRILL TIME: START July 9/88 FINISH July 12/88 MECHANICAL TIME 54

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION	
0 - 10	Overburden	
10 - 49.5	Metasediments, SST type tan and reddish brown interlayered with Quartz-Chlorite-Magnetite (Sericite) Schist. light green, H=6 - Pyrite is <1% in schist and 1-2% in sed. - both are sericitic and interlayered, foliated 40-50° at 30'	
49.5 - 80	SST type Metasediment, tan to reddish brown, Py 1-2%, sericitic, cut by frequent qtz stringers & fine stockwork. local specularite on fracture faces. 49.6 - 51 Quartz vein, cut by qtz stockwork, chlorite, py <1%. 51.5 - 57 Quartz vein, white, py <1%, sericitic, metaseds are perv. silicified below the 57' for 3' 64.5' - 3" fracture with late qtz vn, sericite, magnetite & py, minor cpy in late veinlet. Rock is tan to brown from 50 to 74' & from 74' becomes reddish foliated, more sericitic, Py to 1%. local chlorite, minor brown	49.5-55 84909 .074/.075 55-60 84910 .110/.100 60-65 84911 .070 65-70 84912 .055/.050 70-75 84913 .050/.050 75-80 84914 .080/.083
80 - 157	Talc-Chlorite-Quartz Schist, dark green to black thinly foliated, interlayered with tan and reddish brown frags of metaseds, inch thick boudins; some kink banding. H= 4 1/2-5, Py <1%, mica in metased. pieces. 86' foln @ 40°. weakly calc., magnetite. Shear, at 91' and 94' at 60°. 94-99 4101-105 Purple "Biotite Syenite" dyke, foliated, dark, approx 60% bi, hematite, non-mag., foliated at 60°, Tr. Py. 105-140 Fault/Shear zone: - Talc-Chl Schist & red hem all'd flows (UH). 110-110 pump. hem clay gouge, partly, foliated/shear at 30°. 130-132 gouge layers @ 45°, Tr. Py.	80-85 84915 .005

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>locally small red-dark brown frags of metased? and sec. UM fragments (talcos). generally calcareous, magnetic. 136-140 - shearing in 0-10° EA - // chl/plms - in alt'd UM. _____ 15°</p> <p>142-157 SST type Metasediment, dark reddish brown freq. of stockwork. Py locally to 1%, Av < 1%. H ~ 6 1/2, magnetic, fractured with chloritic facings. _____ 15°</p> <p>transition with T-C-Q schist. _____ 15°</p>		
157-193	<p>Talc-Chlorite Schist (almost a soapstone) - altered foliated UM; dark grey to black, local greenish grey serpentine, H ~ 4 1/2, calcareous, locally magnetic, minor coarse pyrite often in serpentine, freq. calc. inclusions. Sheared 157-161. // foln @ 25°, fractured & sheared 171-178; 183-184 at irreg 4; foln 184 at 25°. foln distorted in lower interval.</p>		
193-568	<p>Olivine Peridotite, black, mag, calc, alternating flows of fine to coarse cumulate with yellowish green dunes; upper section 193-214 is f.g. peridotite etc. grades to Oliv. perid. Py to loc 1% or a short inclusions white calc bands of 1/4" to 3/4" between flows. local shearing at 20-70° with talcos slickensides on 2 sides, 338-340. Sheared 15° EA - to // 342-344 - fractured 10°-30°. 346-348 fractured 5-10° 354-356 fractured 0-20°. 366-367 fractured 15°.</p> <p>Major Fault zone 371-397, locally, the peridotite has pyrite ores or cluders up to 1/2"</p> <p>gouge 372-374, 381, 393-396, generally @ 30-45° intermediate rock is intensely sheared at low angles</p> <p>shear 401-402 at 20°</p> <p>510-568 - grades into massive black peridotite, cut by freq. white calc interflow layers 1/2" - 4". 538-539 - Fault - 35° subbly clay gouge. 543-544 Sheared at 20° 552-557 - shear at 05° 561 sheared 10°, 565 fault at 40° 568 - Fault contact at 30°, 10" subbly clay gouge _____ 30°</p>	<p>545-548</p> <p>548-553</p> <p>553-558</p> <p>558-563</p> <p>563-568</p>	<p>84916 NIL</p> <p>84917 NIL</p> <p>84918 NIL</p> <p>84919 NIL</p> <p>84920 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
568-631	Brecciated altered ^{UM} metavolcanic flows with Talc-Chlorite Quartz Schist - Olive tan to grey to black, H _v 4-7 all well foliated, 568-569 - fault gouge 569-570.5 Olive talc, talc-Chl-Ser-Qtz schist, brx. H _v 4-4 1/2 - fol'd 60°, Py 1% - 60-70° 570.5-572.5 Light and dark tan/grey altd mineralized sect ("Sy. track") 1" bleached upper margin, H _v 6 1/2-7, Py 2%, Sericite, loc. chlorite, fine gr. stockwork and late gr. magnetite veins; lower 12" is ph. mag on, brx'd chlorite. 572.5-576 - Alternating 2"-6" segments of T-Chl-Ser Schist brx and dark tan - dark grey mineralized Sericite - Py sil unit, Py 2%, generally v.f.s. brx'd interval, frags. or aligned fol'd @ 55-60° 576-580 Predominantly olive grey (blk) fine breccia units, minor 1"-2" intervals of T-C-S schist, Py 1-2%, occ black Talc layers, H _v 6, fol'd @ 65°, sections resemble alt. UM or Tuffaceous layer. 580-603, Dark green/white Chlorite-Quartz - Talc Schist breccia, UM frags (olive green) with occ fine spinifex text, generally sericite, py < 1% 1%, folio approx 30°, H _v 5 weakly calc. Quartz, calc on 581-582, Inclusions of "Sy. trac" grey + tan mineralized fragments at 582-3" 1% py 583-5" - 2% py. 584.5-5" 2-3% py tan + grey, v.f. sulphide 585-587 - "75% tan + grey with 2% fine py. 598 - 3" , grey, distorted, 2% py, minor fine As. Py. fol'd 60 @ 45° average. 603-605.5 Tan + light grey "Sy. trac", py 1-2% trace As. Py, fine needles, noted increase in light + dark grey gr. stockwork, sericite. 605.5-608.5 Foliated olive green Chl-Talc-Qtz schist with minor tan + grey foliated, brx'd py frags. foliated @ 10-40°, Py 1-2%, gen coarsen euhed. tr As. Py 608.5 - 611 - Tan - Grey "Sy. Tr." sericite, minor As. Py. 611 - 616 - alternating Q-Chl-Ser-talc Schist with 1/3 tan + grey Sy Tr fragments Py < 1% except in mineralized frags foliated 50°. 616-631 Tan, grey + black "Sy. track", sericite, py < 1% 2%, As. Py 619-622 generally fine needles in grey segments, Py euhed, from white + red-on. gr. stockwork, brx'd as flow, lower contact more sericite + dark on 3'. 70°	568-570.5 570.57 572.5 572.5-576 576-580 580-585 585-590 590-595 595-600 600-603 603-605.5 605.5-608.5 608.5-611 611-616 616-619 619-621 621-624 624-627 627-629 629-631 631-634 634-637 637-640	84921 .005 84922 .055 84923 .065 84924 .070/.065 84925 .015 84926 .002 84927 .005 84928 .035 84929 .050 84930 .025 84931 .015 84932 .030 84933 .010 84934 .002 84935 .105 84936 .165/.195 .250/.255 84937 .105 84938 .035 84939 .110/.135 84940 .002 84941 NIL 84942 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	foliated 857 @ 60° 871 @ 50° minor gouge // to folia's, as local shearing 45°		
877-996	Tholeiitic Metavolcanic, light tan green, buff and darker green, non mag, Tr Py, H = 5 1/2-6. weakly calc. "felsites" - Carbonated. 877-885.5 foliated metovol + bixid Chlorite schist pieces, transitional zone - Pyrite rich zone at 877-878 foliated @ 45°. Py is bixid along folia. folia 88.9 at 40°. 885.5-886.5 - Graphitic, pyritic bixid fault. at 50°. 896 folia of bixid @ 55°, chloritic facies. 900-901 - Graphitic-pyritic fault zone, bixid with 2" gtz on, @ 60°. 901-930 light tan green bixid with black cement frags are angular and distorted to folia @ 40°. locally bleached, some gtz stockwork & veins. 975 on, becomes sericitic on folia & bix margins. weakly calc.		
996	End of hole.		

DIAMOND DRILL LOG

T. & H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE July 15th, 1988 PAGE: 1 OF 8

HOLE NO. N88-107 DIP -60 AZMUTH 340° LOGGED BY MH SANGUINETTI

CORE SIZE BQ TOTAL FOOTAGE 1406 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE ^{head - 60°} 916 - 61° LOCATION: 16100 N 38+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 66

DRILL TIME: START July 13/88 FINISH July 20/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS 1203-1209 -



FOOTAGE	DESCRIPTION
0 - 66	Overburden
66 - 480	Black Peridotite, Olivine Peridotite, H = 4 1/2 - 5, locally talcose, magnetite calcareous, - short gabbroic sections frequently with pinkish-brown tinge, med grained, commonly spinifer text'd as between flows., also white carb-spin interbed of 1/2" to 6". locally to pyrite, 75-77 - gouge rubble 80-83. fault gouge, 65° 100-101 - fault breccia, interflow at 95° 151-153 fault/shear at 10° 167 - 3" fault gouge @ 65°
174 - 179.5	Basic dyke - Diabase, dark grey, fine grained, equiax. magnetite, py 1-2% fine dissems. H = 6 1/2. 30°
179.5 - 204	Black "Pyroxenite", foliated, vfg. as a soapstone, foliated 40° @ 190', freq white calc between flows. 185' - shown @ 40° calc. local shearing to folia, fine pyrite 1-2% aligned along folia. 30°
204 - 235	Basic dyke, diabase, v.f.g. porphyritic with chl biotites to 1cm, calc, strongly magnetite, py < 1%, becomes coarser grained and locally foliated near lower contact., lower contact brecciated & sheared at 25° 50°
235 - 257	UM, foliated section, py < 1%, brecciated with Peridotite, H = 4 1/2 - 5, mag., calc., locally med grained interflow gabbroic segments 25°
	30°

174-179.5 84953 001-
179.5-184 Nil

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>257-273 Feldspar Porphyry Dyke, ^{dark purple grey} black vsg with white almost crowded feldspar phenocrysts to 3 mm, H=6 1/2-7 magnetite, Py 4-1% dissem. fine chloritized inclusions. Slight bleaching of contacts.</p>		
	<p>273-480 <u>60°</u> Epidote and massive black soapstone and foliated soapstone, often with greenish-grey serpentinite, magnetite, calcareous H=4 1/2-5. frequently sheared. In Py. generally euhedral. sections lighter with spinifex common - 275-283 Fault at 15° chlorite & slickensided 4//CA. 286 soap area fold @ 15°-35° 293 folia @ 50° 310-312 - sheared 25°. 326-333 sheared 30° - (cave) to 05° 360-376 - 10" fault zone & shears @ 30° con 397-430 Fault zone - gauge 6" at 400, 2 at 402 @ 35° gauge 424-428 @ 40° 455-460 - shear fault zone @ 50°. 471-474 4" fault zone @ 40° + 18" gauge @ 90°</p>		
<p>480-670</p>	<p><u>Gradational Contact</u> Rock becomes foliated, slightly harder, Tale-Chlorite Schist (Quartz) - development of yellowish ^{brown} sericite, (+green) + chlorite, rock is weakly magnetic, more dense, variably talcose. foliated, occasional light 1"-6" sections spinifex texture (480) conformable. Pyrite increased 1-2% occ weak calc. - no presence of quartz veins, swells. folia 485 @ 40° 495 @ 30° By 500' - Rock has become a Chlorite-Sericite-Tale Quartz Rock + Carbonate, alternating banded sections, some black, olive-green or tan, Py gen 1-2% but euhedral, seldom fine, H=5-5 1/2 540-543 - tan sect with 25% quartz Vm/carb. other tan/grey/olive green sections 6"-24". folia 506 @ 30° 520 @ 40° - 518-525 - rounded brn as flow. 544 @ 40°</p>	<p>480-485 84 954 .030/.035 485-490 84 955 .005 490-495 84 956 .002 495-500 84 957 NIL 500-505 84 958 .005 505-510 84 959 .002 510-515 84 960 .002 515-520 84 961 NIL 520-525 84 962 NIL 525-530 84 963 NIL/.002 530-535 84 964 NIL 535-540 84 965 .002 540-545 84 966 .002 545-550 84 967 NIL</p>	

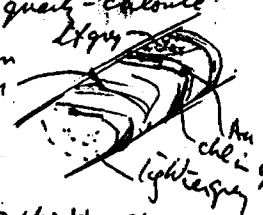
FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
557 fol'n at 30°	60' ^{lt} green qtz v. as ^{lt} green grey - <i>simplex</i>	550-555	84 968 .005
		555-560	84 969 .025
576 fol'n @ 40°	bi mic.	560-565	84 970 .020
		565-570	84 971 ^{.105/11 av.} _{.105/115} .109
By 570'	rock has become blacker, more talc and biotite-rich fragments, magnetic. H ~ 4 1/2. bxd - shears 581 and 585 @ 30° // CA fol'n. + 587.	570-575	84 972 .01
		575-580	84 973 .015
		580-585	84 974 Nil
570-594.5	Black Talc-Chlorite (Quartz) Schist Breccia Py < 1%, H ~ 4-4 1/2 mag.	585-590	84 975 Nil
		590-595	84 976 Nil
594.5-596	Biotite-Syenite fragment	595-600	84 977 .002
596-597	fault/shear @ 40°	600-605	84 978 Nil
599-600	Biotite-Syenite fragment.	605-608	84 979 Nil
600-608	Green Chlorite-Talc (Qtz) (Sericite) Schist fol'd 50° - 602 - fault zone @ 50°. Py 1% - 2%	608-611	84 980 .010
608-611	Kornatite fragment, pyritized, spinifer bed magnitic, Py ~ 1%	611-616	84 981 .005
		616-621	84 982 .020/025
		621-624.5	84 983 .014
611-624.5	Quartz-Chlorite-talc schist, minor Qtz-carb vns, fine py ~ 1% - Carb light green (olive). fol'd 30° at 614', dedran to 15° at 624, becoming darker, H ~ 4 1/2.	624.5-630	84 984 .025/020
		630-635	84 985 .010
		635-640	84 986 .005
		640-645	84 987 .015
		645-647.5	84 988 .025
624.5-670	Appears as a dyke - alt'd Carbonate (Sil'd) Chlorite-Sericite UM rock, light tan and brownish to 632 - then dark grey to black green to tan-brown from 652 on. Foliated 641 @ 50°. alt'd chl flakes aligned on fol'n. H ~ 5 1/2 to 6	647.5-650	84 989 .002
		650-655	84 990 .030
		655-660	84 991 .015
		660-665	84 992 .065/065
		665-670	84 993 .015
650-670	Dark grey to tan fol'd & bxd in short segments, Py 1-2%, locally on fol'n's to 2mm. H ~ 5 1/2-6 Sericite, Carbonate - (In places (652-654) appears as a "Sy Ti" without of stochwork or Ag)		
661-670	increase in qtz & qtz-carb veins + sericite, + py clusters, fractured.		
		670-675	84 994 .002
		675-680	84 995 Nil
70-791	Transition zone, Olive green grey T-C-(Q) Ser Schist H ~ 4 1/2-5 distorted fol'd & bxd @ 65°. Py < 1% some spinifer? in frag. and frag grey, carbonatized - sericite - pyrite alt'd segments, H ~ 6 1/2, frag qtz veins with py 1-2%.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	olive green fragments often show spinifex texture, separated by talc-chlorite layers	680-685	84 996 NIL
		685-690	84 997 .005
		690-695	84 998 .002
	688-692 - grey Carb-Ser-Py abd. lower contact sheared @ 20°, generally tan, semitic py fine 1%.	695-700	84 999 .002
	701-705 - grey-tan fld at 15°, Py ~ 1-2%, dark grey.	701-705	3001 .005
	712-718 - grey tan. Py 1-2%.	705-708	3002 NIL
		708-712	3003 .002
		712-715	3004 .010
	718-720 sheared at 15°		
	739-742 sheared at 30°		
	747-749 and 752-791 Dark grey pyrites, carbonized UM. foliated at 25-35°, bleached tan along q-cubans. Py 1-2%	715-718	3005 .005
	NOTE. STEEPER angles appear as if hole is going more steeply down (foliations or) structure.	718-721	3006 NIL
	Between grey/tan fragments is light olive green UM frags, foliated, occasional spinifex	721-726	3007 NIL
		726-731	3008 .002
		731-736	3009 NIL
		736-741	3010 .005
		741-746	3011 NIL
	765-778 sheared/fld at 25°.	746-751	3012 .005
	TRANSITIONAL CONTACT TO DARKER T-C- (UM) Schist.	751-756	3013 .010/.015
		756-761	3014 .010
		761-766	3015 .010
		766-771	3016 .005
		771-776	3017 .002
		776-781	3018 NIL
		781-786	3019 NIL
		786-791	3020 NIL
791-843	TALC-CHLORITE SCHIST. of Dark grey to dark olive green ULTRAMAFIC FRAGMENTS; Calc, occ. Mag. to Py except in tan/grey incls.		
	801-803 shear at 0-15° 1/2" gouge/CA.		
	810-811 - tan fragment - 1% Py.		
	814-816 - shear/fault (4" clay gouge) @ 60° // fol. 75°	839-843.	3021 NIL
	825-827 - Dyke, dark grey feldspar porphyry, mag. Py 1%, bio's aligned.		
	836-839 - Fault @ 40°, 2' gouge.		
	839-843 Dyke, f.g. mag. py 1%, mag.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
843-948	<p>843-845 - Fault gouge at 40°</p> <p>848-850 Shear/fault, minor gouge @ 55°-60°, in black talc brx. - Tr. lge embd py.</p> <p>Black Talc- Soapstone Breccia - locally schistose weakly magnetic. Py < 1% grades into Peridotite</p> <p>855-857 white + pink Qtz-Carb veins.</p> <p>857 - 4" Fault gouge @ 30° altered and streaked 871-876.</p> <p>880-889 - Purplish grey altd fgr. carbonated pyritized UM. py ~ 1% fine euhedral. lower 12" brecciated with Qtz-carb vein. dyke</p> <p>889 - Dark green - Black Peridotite/UM Breccia, H ~ 4 1/2, mag. loc Pyrite clusters/folys intensely distorted, minor tan incls., calc.</p> <p>910-911 Fault gouge 60°, sheared to 914.</p> <p>fol'd 921 @ 40° appears as a repeat of section. from 480 + below</p> <p>933-938 lighter green talc chlorite schist Shear at 50°. - continuing as talc schist starts 948. 1 lb Soapstone, weakly calc. non-mag.</p>	<p>874-879</p> <p>879-884</p> <p>884-889</p> <p>889-894</p>	<p>3022 NIL</p> <p>3023 NIL</p> <p>3024 NIL/NIL</p> <p>3025 NIL</p>
948-1049	<p>Peridotite and locally olivine peridotite, magnetic calc. some cumulate sections of black chlorite (pyroxenes?) H ~ 4 1/2 - 5, some white calc bands of tilted carb between flows to 6" generally @ 45-50°.</p> <p>948-957 - Brecciated with white + pink Qtz and carb vein material, distorted at 15°-60°</p> <p>957 to 1036 - massive black peridotite + cumulate.</p> <p>1036-1049. sheared at 40°-65°; increased Qtz magnesian no at ~ 40° + brx in. Includes intervals of "altd dyke" or very fine gabbroic segment</p>		

50° ~ ~

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1049-1264	Talc-Chlorite-Quartz schist, - foliated breccia locally magnetite, H ~ 4 1/2 - 5 1/2, contains segments of grey talcose harder dykes and fragments of tan/grey sericite-pyrite altered komatiite.	1049-1053	3027 NIL
	The T-C-Q schist varies from black to dark olive green to lighter olive green. Py ~ 1%; includes frags of brownish pyritic Komatiite, with up to 1% py.	1053-1055	3028 NIL
	1049-1053 sheared at 60°	1055-1060	3029 NIL
	1053-1055 dark grey med gr? gabbroic or rim of spinifer textured Komat. rel. coarse py to 1% H ~ 4" calc. mag. Replaced by pyrite along texture lines.	1060-1065	3030 NIL
	1057 - 6" pe of alt'd purp-grey bi sy? py ~ 1%, conformable to foliation 30°	1065-1071	3031 NW
	1063-1065.5 - Fault, shear/pld 30°	1071-1075	3032 NIL
	1069-1071 - distorted fragments of purplish grey sil rock, probably alt'd sed or dyke, py ~ 2% vfg. enclosed in talcose brecciated T-C-Q schist	1075-1079	3033 NIL
	1075-1079 - alt'd green UM breccia H ~ 5, talcose? but lighter in colour. resembles alt'd dyke, < 1% coarse pyrite.	1079-1083.5	3034 NIL
	1079-1081 - alt'd/low, lighter grey, fol'd at 40° Py ~ 1% f.g. talcose shear above & below.	1083.5-1086	3035 NIL
	1082-1083.5 - Quartz-carb veins, containing minor chlorite & frags of tan pyritic alt'd rock to 1/2".	1086-1091	3036 NW
	1083.5 chloritic shear at ~ 80°, minor fault zone.	1091-1096	3037 0.005
	1083.5-1101 - light grey to greenish grey, altered dyke? foliated chloritic, H ~ 6" - locally sericitic, and segments of this interval grade into tan grey, pyritic "Sy to" type of alt'd rock with 1-3% py (vfg).	1096-1101	3038 .005/1005
	foliation of grey is 40°, this contains up to 1% py, minor sericite.	1101-1106	3039 NIL
	1095-1096 - pinkish gts - mag veins to 30% thick, brecciated	1106-1111	3040 .005
	1101-1144 T-C-Q sch, thin, fol'd at 50°, H ~ 4 1/2, dark olive green vfg. py < 1% to 1% contains numerous fragments of attenuated UM. brecciated 1101-1103 with 6" pyritic pyrop frag of alt'd flow. contact at 1101 faulted? shear at 70°, zone 1". tan frags: 1109-1124, 1130-1133 (up to 5% py on periphery of tan seg in olive green; generally about 1%)	1111-1116	3041 NIL
		1116-1121	3042 NIL
		1121-1126	3043 .002
		1126-1130	3044 NIL
		1130-1133	3045 .002
		1133-1136	3046 .002
		1136-1140	3047 .002
		1140-1144	3048 NIL
		1144-1149	3049 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
1144-1149	dark green chloritic schist breccia, minor tan frags, and UM pieces, some g ₂ veinlets, H ~ 5 1/2, fol'd 40° Py < 1% 70°		
1149-1167	grey f.g. carbonatized rock. py. 1.5 to 1%. H ~ 5 1/2 (-6) ktd by white g ₂ -carb (magnetite) veinlets at irregular intervals, but more intense 1155-1165. non-mag. loc. sericitic, chloritic on foln or poorly developed foln @ 40° Py. gen. subhedral 35°	1149-1155 1155-1160 1160-1164 1164-1167	3050 .005 3051 .010 3052 .010 3053 .010
1167-1172	Dark green, foliated Quartz - Chlorite talc schist sericitic & bixid on lower 2' with up to 2% subhedral py non-calc. fol'd 15-35° 60°	1167-1172	3054 .030/.030
1172-1264	Q-C-T schist & Carbonatized Tholeiite breccia - Schist is darker olive green - tholeiite is grey - grey-green. H ~ 5 1/2 py to 1%, possible As Py in C-tholeiite frags. and with py on foln at 1181. 1183 - shear contact @ 20° with g ₂ /carb schist.	1172-1177 1177-1183 1183-1186 1186-1189 1189-1192	3055 .005 3056 .005 3057 .002 3058 .002 3059 .005
1186-1192	Dark grey alt'd H ~ 5 1/2 dyke? or flow. slightly porphyritic. fol'd 55°. Py 1-2% 11/6	1192-1197 1197-1203	3060 Nil 3061 Nil
1192-1203	Dark green Q-C-T schist breccia, with UM frags Py < 1%, H 4 1/2-4 - weakly calc. fol'd @ 40°	1203-1206 1206-1209	3062 .008/.008 3063 .105/.110 .150/.175
1203-1220	Dark greenish grey dyke? chloritic, py, coarse locally 3-5%, overall ~ 1%, concentrated in section	1209-1214 1214-1217 1217-1220	3064 .005 3065 .002 3066 .005
1220-1225	1204-1209, foliated 35-40° Pyrite is subhedral and tends to lie in bands, and along 'fract'. some loc grey bands with finer pyrite, dark grey sericite. spot of Au at 1207.5' in late stage quartz-chlorite veinlet, approx 1 mm	1220-1225 1225-1230 1230-1235	3067 Nil 3068 Nil 3069 Nil
1235-1240	dark green 5% heavy py 	1235-1240 1240-1245 1245-1250	3070 Nil 3071 Nil 3072 Nil
1240-1245	- section cut by sparse white g ₂ veinlets at 4" - 12" intervals		
1245-1250	- min in wide g ₂ -carb veinlets at 1216; H ~ 5 1/2	1250-1255 1255-1259	3073 .002 3074 .002
1250-1255	1229 Fault - @ 55° minor zone	1259-1264	3075 .005/.005
1220-1264	alternating 1" - 2' sections of dark olive green UM, (spinelifer @ 1239), Q-C-T schist, grey foliated dyke? or flows - generally well foliated & conformable.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>1246 foln @ 60° 1253 foln @ 40° 1254-1259, brownish fg altd. sericite dyke? foln 40-50°, Py < 1%, contains rounded frags of UH or other flows. appears as a tuff - 1259-1264 lxx of sericite / carb schist & carb tholeiite</p>		
	<p>----- transitional contact ----- 45°</p>	<p>1264-1268 1268-1271 1271-1276 1276-1281 1281-1286 1286-1290</p>	<p>3076 NIL 3077 NIL 3078 .002 3079 NIL 3080 NIL 3081 NIL</p>
1264-1330	<p>Light tan-green & grey carbonated tholeiite and light green altd carb ultramafic. Sericite, yellow and light green sericite, locally thick pyrite foliated @ 40-50° occurs at thin sects 10% as 1264-5, average < 1% cut by thin grey qtz-carbonate stockwork - with pyrite to w 1300 1269- chloritic parting ("4") with graphite @ 45° considerable quartz flooding over 1264-127 - pyritic 1271-1275, up to 2% brecciated to 1287 with black chloritic cement. - sericite & muscovite 1295-1304. & thinly laminated with grey qtz / carb between sericite bands @ 50°</p>		
	<p>----- transitional contact, becomes darker with less yellow sericite, - becomes dull dark green Tholeiite metavolcanic, locally foliated with grey qtz carb - dull med green. H ~ 4 1/2 - 5 1/2 H ~ 5, calc, non-mag. - freq crackle lxx. 1386-1406 lighter green, weakly fold @ 30; minor qtz intrusions & veinlets, v. sericite.</p>		
1330-1406	<p>----- transitional contact, 40° becomes darker with less yellow sericite, - becomes dull dark green Tholeiite metavolcanic, locally foliated with grey qtz carb - dull med green. H ~ 4 1/2 - 5 1/2 H ~ 5, calc, non-mag. - freq crackle lxx. 1386-1406 lighter green, weakly fold @ 30; minor qtz intrusions & veinlets, v. sericite.</p>		
1406	<p>End of hole.</p>		

DIAMOND DRILL LOG

T. & H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE July 21/88 PAGE: 1 OF 6

HOLE NO. N88-108 DIP -65° AZMIUTH 160° LOGGED BY M.H. SANGUINETTI

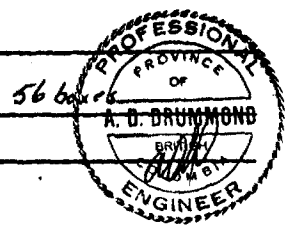
CORE SIZE BQ TOTAL FOOTAGE 1056 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE _____ LOCATION: 23 N ; 23 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE _____ 37

DRILL TIME: START July 20/88 FINISH July 24/88 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION
0-36	Overburden
36-72	Tholeiite, light grey-green carbonatized, calc. H ~ 5 1/2, brxd intervals with black chloritic cement @ 42' & 56-72. - crude foln of brx @ ~60° Py < 1%. - quartz with graphite on shear at 72' for 3" @ 35°
72-91	Olive green Chlorite-Talc-Quartz Schist, altered UM fragments. fol' @ 40°. H ~ 5, Py < 1%, minor qtz-carbonatites, 35°
91-106	Dykes, grey and tan-grey ^{basic} med gr, Seinitic & fol'd @ 55° H ~ 6 1/2. Porphyritic, non-mag, biotite (chlorite) and felds phenos. Appears to have been injected in at least 3 phases, with v. sharp contacts, and no apparent internal chill margins. 103-105 - py ~ 1-2% otherwise Py < 1%. Seinitic, 105-106 qtz vein & 1/4" gouge fault @ 50°
106-161	Grey & Talc altered Komatiite, carbonatized, chloritic, occ weakly pyritic otherwise < 1%. Seinitic, minor fragments of yellow green UM., local buff dykes with seinitic & melanophite at 121-122.5 & 126-127 at 123' grades to Quartz melanophite schist, to py. emerald green melanophite, occ qtz-carb vns. H ~ 5 1/2-6 weakly calc. mixed with buff dykes 132-136, 155, 156, 159-160, Py < 1% generally larger subhedral dissemin x ds. 151-152, green/tan spinifex text'd frags. variable fol'n @ 50-60°
	Gradational contact over 161-166 _____ 40°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
161-537	<p>altered UM - textured breccia grading to Soapstone. foliated to 177 then foliated breccia. Hw4.</p> <p>dull olive green to 177 then v. dark brown spinifer text'd interval to 185 then dark green to black 191 then black text'd brx (except 197-199 which is v. dark brown).</p> <p>weathly calc. non-mag. spinifer texture common in brown and green sects, Py trace to 210-215'</p> <p>185, shear, narrow gouge at 40°</p> <p>251 - 3" part of qtz-carb ven. at 60°, foln @ 60°</p> <p>273 foln @ 40°</p> <p>300-304 Basic biotite porphyry dyke, dark purplish brown, biotites altered to chlorite, magnetite, H ~ 6 1/2</p> <p>foln @ 50°, Py < 1%, upper chill margin 4", dark, lower chill margin narrow, brx contact. Py to 1% 50'</p> <p>304-322 dark olive green UM breccia, fol'd // CA to 25° - Py < 1%.</p> <p>Spinifer 304-306</p> <p>316-329 Fault zone @ 45° with 6" gouge at 317' varying to 15° gouge at 322'.</p> <p>322-345 - zone of pink/white quartz-carb veining, wavy brx'd, chlorites, talcose in dark green to black UM brx.</p> <p>327-338 - fragments of buff dyke?, sericitic, caught up in shearing brecciation and pink/pts-carb vein. This predates veining, Py < 1% except locally in buff fragments - 12" at 332' and along chlorites. Sericitic brx zones up to 5% at 337-338.</p> <p>338 - 1/4" gouge @ 30°</p> <p>344 - 3" clay gouge @ 30° - to 348</p> <p>345 - dark reddish brown to black soapstone breccia, al'd UM - locally sericitic or white carb zones.</p> <p>356 - 3" fault gouge @ 50° in shear 355-365 fractured / or weak shear to 373. Py tr, Hw4, loc magnetite weakly calc., rather repl.</p> <p>Fault - 379-389 massive clay gouge. at 30°, grades into fold sheared schist at 386.</p> <p>Fault 394-397 - gouge at 15°.</p>	<p>322-327 72 978 .010</p> <p>327-332 72 979 .065/.050</p> <p>332-338 72 980 .055</p> <p>338-341 72 981 .002</p> <p>341-345 72 982 .005</p>	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>pyrite increases in fragments in fault (396) up 3% in UM.</p> <p>Fault 401-405 - chloritic gouge @ 35°</p> <p>410-412 - orange brown dyke @ 20°, syenite, py 1%, mag. H=6 1/2</p> <p>Fault zone 409-425 gouge 414-416, fold pieces in fault @ 60°</p> <p>425-431 - Syenite dyke, dark orange brown, mag, red gr. py < 1%, loc sericitic. feg of veinlets, lower contact 2" chill margin. 30°</p> <p>431-432 - Fault gouge.</p> <p>432-449 Bxrd soapstone, black schist - end of veinlets on slip, minor pyrite to 1% over 2", subhedral clusters, fragments of "biotite syenite", biotite, mag.</p> <p>449-451 - Dark purple black biotite lamprophyre dyke, foliated @ 50°, loc porphyritic</p> <p>Fault 451-454 - gouge chloritic @ 40°</p> <p>454-460 - black soapstone, minor 2" gouge seams @ 60° to 40°, - greenish serpentinite at 459-60.</p> <p>460-472 Basic Dyke - dark purple-black, porphyritic, - replaced by carbonate, magnetic, calc H=5 1/2-6 py < 1%, lower bleached chill margin 12". 40°</p> <p>475- 2" Fault gouge @ 60°, rubble.</p> <p>481 - 6" gouge @ 40°</p> <p>472-482 - soapstone, bxd ± frags of dyke, fold @ 30-50° py < 1% 50°</p> <p>482-484 - Syenite dyke, reddish brn, red gr. mag, H=6 1/2 py < 1% 40°</p> <p>alternating sheared soapstone & dyke, - fault gouge common in talc-schist</p> <p>486-487 - Dyke.</p> <p>487-490 - sheared @ 50°</p> <p>494-495.5 fault gouge.</p> <p>495.5-498 - Dyke - pyrite to 2%, dark grey, trace opy, mag. appears basic, H=6 1/2</p>		
		495.5-498	72 983 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>Fault gouges 498 @ 60° - 3" - 499 sheared. 503-504. 2" sections @ 60° generally sheared // to foln 500 - 537, folns 35°-40°</p>		
537-545	<p>Dyke, dark reddish brown vfg. Syenite? w/ porph. H ~ 6 1/2 mag. py < 1% loc sericite ^{chloritized?} ^{bedded?} cut by fine gr. stockwork.</p>		
545-553	<p>Breccia zone - foliated black talc chl schist @ 50° gradin to green with fragments of syenite? 547 is fault gouge. 551-553 is angular quartz ^{carbonate} cemented breccia, resembling a conglomerate, carbonated, calc. white & grey & pink, frags 1/8" to 3/4", matrix supported.</p>		
553-663	<p>Metasediments?, pinkish, H ~ 6 mag., fold bio phenos? @ 100 CA. laminated. sericite - resembles syenite. - chlorite, chloritized mafics, Py ~ 1%, gen embedded, some inter layers of grey and tan sulfid vols. as at 576-586 - fold // CA to 10°, sericite py 1-2% and frag of ^{veinlets} and 639-646.5 ^{Metavolc} generally brecciated, fold ~ 30°, sericite py 1-3% w/ mag magnetite, calc. occasional flake of green sericite (muscovite?), darker grey-pink - The rock is pink, aphanitic, and foliated with chlorite on layers fine py embedded, < 1%; folns 1/8"-1/2" locally colour to dark grey, mag., speckles on occ. fract. - Lower part of unit is mossil, of vns, more closely resembles syenite</p>	<p>626-631 72984 631-636 72985 636-639 72986 639-642 72987 642-647 72988 647-652 72989 652-657 72990 657-663 72991</p>	<p>NIL NIL NIL .002 NIL .002 .002</p>
663-726	<p>Quartz-Chlorite-Sericite schist foliated, H ~ 5 1/2 + locally magnetic, dark grey to black py to 1% alternating layers of pink sed (syen) & schist, all fold over 4" - 18" 663-666 - sheared // foln @ 20° 680 foln 30° 685-688 - more massive, v. calc internal sericite, with 3" pink gr-cent vns. foln 40°.</p>	<p>663-667 72992 667-671 72993 671-676 72994 676-681 72995 681-686 72996</p>	<p>NIL .040/.050 .05 NIL NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>fdn 700' @ 20° 705-714 more dense brownish interval py ~ 1% calc (to 2%), less fold. harder.</p> <p>fdn 720 @ 40° - Tr. MoS₂ on shear face.</p> <p>transitional contact to talc schist</p>	<p>686-691 72997 691-696 72998 696-701 72999 701-705 73000 705-710 ^{CH} 3101 710-714 3102 714-720 3107 720-726 3104 726-728 ^{CH} 3105 728-733 3106 733-736 3107 736-741 3108 741-746 3109 746-751 3110 751-756 3111 756-761 3112 761-766 3113 766-771 3114 771-776 3115</p>	<p>NIL NIL NIL .002 .015 .030/.025 .010 .002 .002 NIL NIL NIL .002 .015/.020 NIL NIL NIL .015 NIL</p>
726-840	<p>Talc (Chlorite-Quartz) schist & Beccia bed. transitional to 736 - well foliated, black, locally magnetic, py, < 1 to 1%, calc, H ~ 4 1/2</p> <p>fold & sheared 737' @ 30° CA</p> <p>726-728 chl-T schist - 30° fol. of carb. 728-733 H=6 dull green grey 2-3% fine py on fol. at 25° to CA 733-746 H=4 chl-(T)-carb schist - main fine py. fol. varies 45° to 80° to CA. 746-751 H=6 greyish band-carbonated - but dull fine py 1-2% along 40' fol. 751-761 chl-T carb sch. fol. at 45-50° 761-766 H=5.5 - grey carbonated - chl fol. with fine py (1%) - at 30 to 50° to CA. 766-781 predominantly dull green dk H=4 chl-T textured like talc with with Bx texture. - occasional py - 2" crushed at 797' at 50° to CA. 816-840 H=5(?) in part - nil py.</p>		
840-932	<p>50° - some chl. slips. Shear Soapstone → Olivine Peridotite by 846' Cluster type ol. P. up to 1cm 879 to 881 - Carb on slips (chalc) at 10° 883-932 massive ol. P. with variable sized Olivine xls. -/a clusters. i.e. several flows.</p>		
932-1056	<p>40°(?) H=6 f. fd. grey to pale greenish-grey - magnetic Metasedimentary rxs - uniform with wisps of bleaching (sericite?) along either developed weak fold or original bedding - < 1% to 1% diss py.</p>		

PROPERTY Newfield.

HOLE NO. N 88-108

PAGE: 6 OF 6

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>banding(?) at 40° to CA.</p> <p>977 - 982 broken core -</p> <p>977 - 978 pink carb filled BRX zone with blue amphibole - riebeckite - type ? at 25° to CA.</p> <p>1014 - 1021 Same p. qd rx but dk grey colour. Contact at 35° to CA.</p>		
	<p>E.O.H. 1056'</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE July 26, 1988 PAGE: 1 OF 4

HOLE NO. N 88-109 DIP -50° AZMIUTH 160° LOGGED BY ADP

CORE SIZE BQ TOTAL FOOTAGE 693' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -45° @ 691' LOCATION: 23 N 23 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 42'

DRILL TIME: START July 25/88 FINISH July 26/88 MECHANICAL TIME

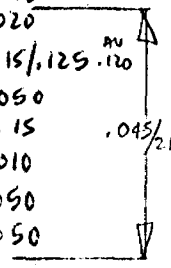
MISCELLANEOUS PROBLEMS

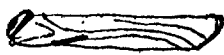


FOOTAGE	DESCRIPTION			
0-42'	Casing.			
42-60'	Pale green non magnetic f. gdt to dense Metavolcanic flow (Mg-rich tholeiite type?)			
	49'-60' - deformation breccia with elongated fragments in black argillaceous like matrix & alignment at 40° to CA variable amounts of bleb py- aggregate grains			
		55°		
60-86	Dk green-grey Ultramafic flow - H=5 carbonatized - uniform - transitional into section with 'chl.' blebs between 71 to 81' - may be a unique flow. - trace py at 63' Graphite carb slip. 1/4" @ 50° to CA.			
		50°(?)		
86-89	chl - minor sericite - carb schist - trace py			
		50°		
89-97	Rgd grey-greenish tinged foliated "dylce" H=5.5' - fine py on foliation with chlorite - up to 1% py. Carbonatization adj. to Qu - (carb) veinlets.			
		40°		
97-108	Dk dull green - chl-ser (falc) carb schist. in part textured um at 108' - 6" Qu (carb) vein at 50° also LIMONITE			
108-	Abrupt change to Mariposite - Qu - Carb stockwork type with sections pyritic "buff" dylces 108-115 Bright green Mariposite Qu carb 115-117 Buff dylce - mariposite flakes - trace py at 60° 117-122 Bright green Mariposite Qu carb			

CH		
49-54	3082	NIL
54-57	3083	NW
57-60	3084	0.002
60-65	3085	NIL
65-70	3086	NIL
70-75	3087	NIL
75-80	3088	NIL
80-86	3089	NIL
86-89	3090	0.002/NW
89-93	3091	NIL
93-97	3092	NIL
97-101	3093	.002
101-105	3094	.002
105-108	3095	.002
108-111	3096	.002
111-115	3097	NIL
115-117	3098	.005
117-122	3099	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
122-127	f. gd dense buff coloured carbonatized ms H=6 - apparent relict flow texture + 1% fine diss py.	122-127 3000	NIL
127-131	colour varies from grey-brown to whitish tan	127-131 3116	NIL
131-135.5	Bright green Mariposite - Qu - Carb with late(?) chl on some slips (Stockwork type)	131-135.5 3117	NIL
135.5-139.5	Buff dyke with "Qu eyes" + 1-2% diss py in coarser than usual cubes. (at 40°) - fol ⁿ is present - sericite on fol ⁿ plane (60°)	135.5-139.5 3118	NIL
139.5-146		139.5-146 3119	NIL
146-151		146-151 3120	NIL
135.5-139.5	Light green chl (T) sericite-carb - schist with minor 1% py.		
189.5-151	chl-(T) ± ser carb schist but abundantly "veined" with carb - (appears to be a fault boundary) 55°		
151-213	Uniform sequence of grey-green textured um type Talc-chl-carb-schist - with BRX (H=4) appearance. Spirifex common between 206 + 208' 65°		
213-225	F gd. dark grey "dyke" or H=6 flow impression - it is a dyke - as it contains two fragments of um flow? (late Basre dyke type). 70°		
225-286	Uniform sequence of grey-green textured um type Talc, chl carb schist - BRX appearance. Spirifex at 272' ml to trace py - fol ⁿ at 45° 258-260 banded calcite(?) veining at 45° + 3" gouge at 260' abrupt incr. in pyrite content. - 286' transitional contact to paler green grey + finer grained appearance.	266-271 3121 271-276 3122 276-281 3123 281-286 3124 286-289 3125 289-292 3126 292-295 3127 295-298 3128 298-301 3129 301-304 3130 304-307 3131 307-310 3132	NIL NIL NIL NIL 0.005 0.020 0.15/.125 0.050 0.15 0.010 0.050 0.050
286-310	Pale grey with greenish tinge carbonated schist fine py on 40° fol ⁿ up to 3% py ± Some carbonated sections are massive + show late brittle fracturing filled with quartz (Aspy was NOT observed) - (generally (Mineralized section -) (harder than that adjacent) 40°		



FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
310-369	pale green T-sericite-chl-carb schist. with some diss. py to 1-2% locally also H=6 grey carbonate-py sections. (the latter being minor.) 332-333 Fault. gouge zone - chl. slips. 333 to pale green ser-chl ± trace Mn-oxide? - fractured Uln 340. (non soapy feel - i.e. no talc) with variable hardness - more buff colour areas are H=5.5 to 4 while greener areas are as low as H=4	310-313. ^{CH} 3133 313-316 3134 316-321 3135 321-326 3136 326-329 3137 329-333 3138 333-336 3139 336-339 3140 339-342 3141 342-345 3142 345-348 3143 348-351 3144 351-354 3145 354-357 3146 357-360 3147	.002 NIL .005 NIL .002 .070 .002 .010 .025 .145 .120 .215 .045 .090 .180 .230 .195
* 340-	chl-ser schist with fine py on fol ² at ~50° H=4.5-5.5 with local sections of grey carbonated m with 3-5% py. especially 342-345, 348-351, 354-356 (Note - 360 to 369 - more red brown than grey-brown H=6, with 2-4% diss py - dyke(?) rather than replacement?)	360-366 3148 366-369 3149 369-371 3150	.210 .220 .220 .216
369-371	Carbonate vein zone with some chl. slips 40°	371-373.5 3151 373.5-375.5 3152	.002 .002
371-373.5	Gray-H=6 late Basic dyke - magnetic 70°	375.5-382 3153 382-386 3154 386-390 3155	.002 .002 .002
373.5-375.5	Fault zone - chl slips + gouge at 60°		
375.5-382	F. gd to dense, red brown with carb 'spots' - well veined via brittle fracturing - associated margins. - nil py - (poss. syenite)		
382-411	chl (dk green) carb schist - Combed fol ² with stretched & elongated folded boudins, possibly with fingers of in folded metaseds or altered fingers of dyke (syenitic) material (trace py in section) 410-411 - Bx of above - angular frags. in chl's matrix 60°		
411-441	Pinkish colours foliated - schist-like with quartz rather than carbonate banding parallel to fol ² - fol ² coated with sericite - fol ² in and out of core at 10°  nil sulphides. Impression - could be deformed meta sed. but texture of smaller pieces suggest a flow?		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
<p>441- 661</p>	<p>Same deformation texture in M becomes mariposite-Qu-carb Schist (Fol^o in and out of core at 10°) by about 446' - pyrite is sparingly noted where Mariposite brg M changes from bright green to more buff to grey Sericite-Qu- carb schist. (check gold content). 497 to 498 - poss. ^{Qu-ant} Vained dyke - brownish. with 1-2% diss py - dyke at 30° 500 to 581 "interlayered" Bright green Mariposite-Qu-emb + dull tan - Carbonate with minor mariposite all foliations are down core ± 10° M to trace sulphides. at 571' fault - chl - specularite at 30° to CA (width ~ 2" down core) (Note adjacent tan carb M is stained) Pink. - Could thereby an Fe⁺⁺ stain on carbonated M's in such a manner that when deformed, they appear as pinkish sed's? 590-595 - tan margined horizon become red pink in middle of section. (this section looks like a meta sed. M) otherwise Mariposite quartz-emb + grey to buff Ser- carb- M's are foliated down core ± 10° by about 600 to 610' - foliation more irregular or at ~ 30° to CA. - but wavy as if approaching a fault zone. at 656' fine diss. specularite noted in ser. fol^o plane. which is wavy or at an of 25° to CA 40°</p>	<p>CH 446-457 3156 451-456 3157 456-461 3158 461-466 3159 466-471 3160 471-476 3161 476-481 3162 481-486 3163 486-491 3164 491-496 3165 496-501 3166</p>	<p>.005 .002 Nil .002 .002 .002 Nil ? .002 .002/.005</p>
<p>661- 670</p>	<p>Pink f. qd foliated H=6 Metasedimentary M 40°</p>		
<p>670- 687</p>	<p>Dk green contorted chl-carb schist, foliation varies from 0° to 9° to CA. - as. poss. 4 at 60° to CA but wavy. 30°</p>		
<p>687- 693'</p>	<p>Dk greenish to purplish tinged H=5 metasedimentary M with ser. + some py on foliation planes. Shearing along 25° to CA in section between 688 + 693' (impression edge of fault zone).</p>		
	<p>E.O.H. 693'</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE July 28/88 PAGE: 1 OF 3

HOLE NO. N 88-110 DIP -45° AZMIUTH 160° LOGGED BY A. D. Drummond

CORE SIZE BQ TOTAL FOOTAGE 666 feet DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 666' - 40° DIP (ACID TEST) LOCATION: 23+00 N, 24+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 30'

DRILL TIME: START July 27/88 FINISH July 28/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION		
0-30'	Casing.		
30-75	F. gd. uniform, dense, greenish-grey non magnetic Mg-tholeiite <u>Metavolcanic Flows</u>		
75-90.5'	Pale greenish textured U.M. - spinifex texture undeformed	40° 60°	
90.5-129	Metavolcanic (tholeiitic) flows which become more pervasively carbonated, at about 125', rx is carbonated tholeiite with slight purplish tinge.		
129-201.5	Chl - Tale - greenish-grey-carb schist with brecciation texture, slight soapy feel. <u>Sol² at 50° - nit to trace py H=4</u> by 147' - rx becomes darker green colour <u>A=4</u> + percentage of tale increases? at 164' a few py cubes were noted. by 193' Brecciation has become more deformed to 201.5' & rock is chl Tale ± <u>sericite schist</u> colour is lighter green. <u>Sol² is at 50° to CA</u> Some spinifex texture at 196.5' (193 to 201.5' is a transitional phase <u>ureg. at 50°</u> <u>vein with</u>)		165-170 CH 3167 NIL 170-175 3168 NIL 175-180 3169 NIL 180-185 3170 NIL 185-190 3171 NIL 190-195 3172 0.002 195-199 3173 NIL 199-201.5 3174 0.002
201.5-203	95% coarse gd Qu-carb. <u>vein with</u> 5% angular fragments of carbonate-qu-sericite - fine pyrite rx. (The gold mineralization).		201.5-203 3175 NIL
203-	"The mineralized zone" <u>ureg - brecciated</u> grey carbonate-sericite-quartz-fine py H=6 (arsenopyrite at 203) - solvated with evidence of brittle fracturing py. content 3-5% - 203 to 209.5' foliation at 50°		203-206 3176 0.205/1.230 ^{W.} 275 206-209.5' 3177 .025

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
209.5-212	Predominantly Chl-carb (Calc) Vclin with mineralized angular fragments contained within	209.5-212 ^{CH}	31 78 .002
212-236	Chl-sericite-carb schist with py. (H=5 to 6 note hardness fol ^s at 40° to CA. - scattered py - 1% minor in tale toward 236'	212-215 215-218 218-221 221-224 224-227	31 79 NIL 31 80 .002 31 81 .005 31 82 .005 31 83 .010
236-246	Rx become darker grey-green - resembles Tsch. breccia - occasional py. H=4	227-230 230-233 233-236 236-239	31 84 .002 31 85 NIL 31 86 .025 31 87 NIL
246-260	T/c schist - Fault Zone in part at 246 - 6" gouge zone at 50° to CA. broken core of chl slip surfaces to 251' 250 to 261 - lost 3' core presume fault + gouge.	239-242 242-246 246-251 251-256	31 88 NIL 31 89 NIL 31 90 .01 31 91 NIL
261-269	H=6 3-4% py on foliation in grey to mauve tinged carbonate-sericite-granite (p. fine) fol ^s at 50° - brecciated in part or is cut by late carb-Qu-spicularite at 263'	256-261 261-264 264-266 266-269 269-272 272-275 275-279 279-282	31 92 .010 31 93 .205/.225 31 94 .445/.430 31 95 .345/.350 31 96 .225 .139 31 97 .085 31 98 .010 31 99 .020 32 00 .045 .07
269-274	Pale green chl-carb - but mostly carb schist non soap feel scattered py. fol ^s at 50° to CA H=4.5-5	282-286 286-289 289-292	32 01 .005 .50 32 02 .040 32 03 .080/.115
274-286	H=6 grey to pale buff variable with carbonated rx with variable fine diss. pyrite 1-3% - locally can see relict flow texture other areas are dense & aphanitic.	292-295 296-301 301-306	32 04 .055 32 05 .025
286-293	Chl tale carb schist - (transitional type) with fine py on 50° foliation surface. H=4.5		
293-296	H=6 grey-mauve carbonated dense rx with 1% diss py & fine py with minor chl on fractures		
296-314	Predominantly a chl Tale carb Contacted schist with 1" gouges at 309 + 310' - Crumbled zone in part H=4 - nit to trace py	331-336 ^{CH} 336-341 341-346 346-351 351-356 356-361 361-366	32 06 .002 32 07 .002 32 08 .002 32 09 .005 32 10 .005 32 11 .010 32 12 .002
314-336	Blade f. of soapstone textured with - nit py. to black spotted (chl & pyroxene) in "pyroxene cumulate" of Komatiitic flow. H=4		
336-406	R of to slightly porphyritic purple (Fe ^{III} stained) Syenite dyke - non magnetic, H=6 variable py - fault 308-309' chl. gouge gold content check - 341-366' 50° fault contact.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
406-410	FAULT Zone - gouge + quartz-carb veins a frag. between 406 + 408, otherwise gouge + chl. slips.		
410-429	Contorted Chl-carb schist - non soapy feel. foliation over all at ~ 60° - drag folded. contains short 6" to 1' sections of pinkish metasedimentary horizons.		
429-448	Pinkish li. gd. uniform metasedimentary horizon H=6 foliated, ~ 9% diss py, non magnetic fol ² at ~ 20°		
448-456	20° fault 1" gouge alternating short sections of pinkish metasedimentary horizons + chl (Talc) carb schist (slight soapy feel) nit to trace py fol ² drag folded		
456-488	Section BRX. - Buccinated fragments (small < 1mm to large 5 cm+) angular of predominantly fol ² metaseds in chl-carb? - matrix (impression: holes passing thru drag fold. 60° fault. 50° fault.)		
488-526	(Talc) Chl carb schist. dk green, dull - locally greasy feel. fol ² well developed down core - minor drag folds on small scale - fol ² @ ± 10° in/out core, some at 30° to CA nit - trace py		
526-666	--- transitional --- 20-30° to CA No becomes grey + has less pronounced drag folds, becomes grey-black chl Talc carb (soapstone) schist. H=4 nit to trace py. Fault 540-593.5 - chl slip, minor gouge + carb veins at 40° to CA. No becomes less deformed + by 600' mark, the unit is an olivine peridotite. (non magnetic)		
	E.O.H. 666'		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE July 20/88 PAGE: 1 OF 3

HOLE NO. N 88-111 DIP -60° AZMIUTH 160° LOGGED BY A.D. Drummond
D. MEYER

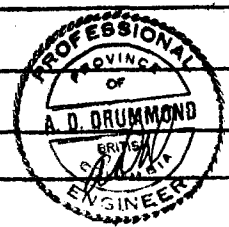
CORE SIZE BQ TOTAL FOOTAGE 956' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE ACID TEST: 54° @ 956' LOCATION: 24+00 N ; 25+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 21'

DRILL TIME: START July 29/88 FINISH Aug 2/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS NOREX DRILLING



FOOTAGE	DESCRIPTION	
0-21'	Casing.	
21-61.5'	Pale green lg to aphanitic, non magnetic Mg-rich Tholeiitic Metavolcanic flows. From about 30' to 61.5' incl. in dyke fabric at 40° to CA. From 57' to 61.5' broken core terminating in fault with graphite (1/2" wide) at ~60° to CA.	
61.5'-118'	Foliated dk grey carbonate-talc-chl "schist," soapy feel. Lg to f-m. gd textured UM texture. 88-95' chl-carb + graphite; fracture down core. nil to trace py. note: degree of deformation is not great. 30°	296-301 3213 .002 301-306 3214 NU 306-310 3215 .002 310-314 3216 .010 314-318 3217 .002 318-323 3218 .002
118-280'	Dk green magnetic chl Fe-rich tholeiite (?) with leucoxene - non schistose - i.e. massive Lg to f-m. gd flows. (chl not carbonatized) (Note could be komatiitic - basic in part + ultramafic in part as spin. Fe noted at 176' & tholeiite field rxns (flows) in same package) 183' - minor graphite on 300 slip. (This section is still part of N. Wall Tholeiite Sequence but contains some interflow Komatiite flows) 50°	323-328 3219 NU 328-333 3220 NU
280-306'	Pale tan carbonated (sericite?) alt tholeiitic flow trace diss py - H=6. - No arsenopyrite.	
306-318'	Mariposite Qu carb altered UM - 70° sharp + graphite? 314-318 at 50° buff dyke - mariposite flakes 2%, py <1%	
318-435'	Dk grey chl carb (Talc) schist with minor interflow beds up to 6" length H=6 - nil to trace py. 318-333' Schist becomes chl/talc schist breccia i.e. soapstone breccia - fragments show UM texture -	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>30°</p> <p>395.5 - 400.5 - BIOTITE SY DYKE? DARK PINKISH GREY. FINE GRAINED, FOLIATED. TRACE FINE PYRITE.</p> <p>403 - 403.5 - " Bio Sy dyke - BOTH ARE CALCAREOUS.</p> <p>30°</p>		
435' - 449'	<p>850</p> <p>GREY, H=6, FINE TO MEDIUM GRAINED QUARTZ FELDS. PORPHYRY, FLOW BANDING @ 30-450 TO C.A. QUARTZ VEINING ALONG FRACTURES UP TO 3MM WITH BLEACHING AND POSSIBLE K-SPAR? ALTERATION. (ORANGE COLOR) (CARB.) 2% ANHEDRAL AND EUBEDRAL FINE PYRITE.</p>	<p>435-440 3224</p> <p>440-445 3222</p> <p>445-449 3223</p>	<p>.035</p> <p>.040 / .060</p> <p>.010</p>
449 - 481	<p>30° SHEAR (1')</p> <p>PERIDOTITE, DARK GREY TO BLACK. COARSE GRAINED (FINER GRAINED @ UPPER CONTACT) MASSIVE TO WEAKLY FOLIATED, SHEARS @ 30° W QUARTZ CALCITE VEINING MAKE UP 2% OF ROCK. ROCK IS PERVASIVELY CALCAREOUS</p> <p>40°</p> <p>467 - 481 - FINE GRAINED DEEP REDDISH GREY BIO SY. MAGNETIC, H=5.5</p> <p>30°</p>		
481 - 565 F	<p>30°</p> <p>FAULT ZONE. MULTIPLE FAULT GOUGES IN VARIABLY SHEARED PERIDOTITE/SOAPSTONE. 5% HIGHLY CONTORTED QUARTZ ± CALCITE VEINING ± DEEP RED JASPER.</p> <p>545 - 552 - PORPHYRY Biotite SYENITE</p> <p>560 - 565 -</p> <p>40°</p>		
565 - 649	<p>40°</p> <p>TALC CHLORITE SCHIST W SERICITE + CARBONATE ALTERATION</p> <p>570 - 572.5 } SILICIFIED? ZONE H=6 ORANGY BROWN, DEEP PURPLE</p> <p>575 - 577 } BRECCIATED, POSSIBLE SS TYPE METASED.</p> <p>UP TO 30% ANHEDRAL AND EUBEDRAL PYRITE IN LOCAL BANDS. PCL2 = 10° - 45°</p> <p>645 - 649 - BIOTITE SYENITE DYKE? OR BIOTITE PLUM META SED BAND. PINKISH GREY FINE GRAINED. ALTERED RIND.</p>	<p>560-565 3224</p> <p>565-570 3225</p> <p>570-575 3226</p> <p>575-580 3227</p> <p>580-585 3228</p> <p>585-590 3229</p> <p>590-595 3230</p> <p>595-600 3231</p> <p>600-605 3232</p> <p>605-610 3233</p> <p>610-615 3234</p>	<p>NH</p> <p>.002</p> <p>.005</p> <p>.002</p> <p>.002</p> <p>.005</p> <p>NH</p> <p>.002</p> <p>NH</p> <p>.005</p> <p>.010</p>
649 -	<p>50°</p> <p>BLACK, TALC (+CHLORITE) SCHIST. HIGHLY CONTORTED W BOUDINS OF QUARTZ CALCITE VEINS, SERICITE AND CARBONATE STRINGERS AND TRACE COARSE PYRITE.</p> <p>65. - 6 INCH FAULT GOUGE @ 500 TO C.A.</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>60° SHARP CONTACT</p> <p>657'-680' - UM (PERIDOTITE) ROCKS. H=5. COARSE TO FINE GRAINED. CALCAREOUS, (PROBABLY FLOWS) 1% PINKISH QUARTZ CALCITE VEINLETS</p> <p>450</p> <p>686' - FOLD = 5° TO C.A.</p> <p>695' - UP TO 7% FINE PYRITE ESPECIALLY ASSOCIATED WITH QUARTZ VEINING (DULL WHITE QV'S UP TO 1CM @ 30° TO C.A. EDGED BY SERICITE.</p> <p>714-733 - INCREASED PYRITE CONTENT; STRINGERS AND BANDS OF FINE EHDHEDRAL PYRITE MAKE UP UP TO 35% OF PINKISH GREY GRANULAR METASED BANDS METASED BANDS ARE H=5.5 FINE GRAINED FOLIATED @ 50°, CONTACTS @ 50° TO C.A.</p> <p>500</p>	<p>690-695 3235</p> <p>695-700 3236</p> <p>700-705 3237</p> <p>705-710 3238</p> <p>710-715 3239</p> <p>715-720 3240</p> <p>720-725 3241</p> <p>725-730 3242</p> <p>730-733 3243</p> <p>733-737 3244</p> <p>737-740 3245</p> <p>740-745 3246</p> <p>745-750 3247</p> <p>750-756 3248</p> <p>756-760 3249</p>	<p></p> <p></p> <p>.005</p> <p>.010</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>.002</p> <p>.005</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>.002</p>
756	<p>PURPLISH GREY METASEDS AS ABOVE FOLD @ 500 W UP TO 35% DISSEM + STRINGER PYRITE.</p> <p>743-745 - FAULT RUBBLE</p> <p>450</p>		
756 - 840'	<p>MEDIUM GREEN AND BROWNISH - PURPLE FOLIATED AND SHEARED METASEDS. VARIABLY HEMATITIZED. WEAKLY MAGNETIC, BOUDINS AND FRAGS OF QUARTZ FELDSPATHIC MATERIAL. FOLD @ 450 PREDOMINANTLY, PREDOMINANTLY FINE GRAINED, COMPETENT H=6. LOCALLY SOME UM FLOW TEXTURES (POSSIBLY FRAGS) UP TO 0.5% FINE DISS: PYRITE.</p> <p>828-840 - INCREASING JASPER CONTENT (DEEP RED STAINING. INCREASINGLY MORE SHEARED TOWARDS FAULT GOUGE @ 840'. MORE MAGNETIC</p> <p>450 6" FAULT GOUGE</p>		
840 - 912	<p>YELLOWISH AND PALE GREENISH FINE GRAINED H=5 SERICITIC METASEDS (META ARGILLITES) 1-2% FINE DISS. PYRITE. COMPETENT ROCK 100% RECOVERY</p> <p>840-851 FOLIATED ± SHEARED IN ASSOCIATION W FAULT GOUGE @ 840'</p>		
912 - 956	<p>450 SHARP CONTACT</p> <p>DEEP PURPLE-GREEN HEMATITIC (SPECULARITE) FINE GRAINED H=5-5.5 METASEDS (SILTSTONE, ARGILLITE) FOLD @ 450 HIGHLY COMPETENT ROCK. 100% RECOVERY</p>		
956'	<p>END OF HOLE</p>		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUGUST 4/88 PAGE: 1 OF 3

HOLE NO. N-88-112 DIP -50° AZMIUTH 160° LOGGED BY N. MEYER

CORE SIZE BQ TOTAL FOOTAGE 906' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE ACID TEST @ 900' LOCATION: 25400N: 30400W
= 39°

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 36'

DRILL TIME: START AUG 2/88 FINISH AUG 4/88 NIGHT MECHANICAL TIME

MISCELLANEOUS PROBLEMS NO EX DRILLING



FOOTAGE	DESCRIPTION
0 - 36'	OVERBURDEN (CASING)
36' - 148	DARK GREEN FINE GRAINED MG THOLEITES. MASSIVE TO WEAKLY FOLIATED. 3% CALCITE VEINLETS AND WEAK PERVASIVE CALCITE ALTS. 40° FLOW BOUNDARY
148 - 259	DARK GREEN MEDIUM GRAINED MASSIVE WEAKLY MAGNETIC 189-205 - CHLORITIC FLOW MARGIN. (CONTORTED BRECCIATED BUT ANNEALED) 205 - COARSE GRAINED FLOW CENTRE OR GABBRO 40° GRADATIONAL
259 - 359	CHLORITE AMYGDULES IN MEDIUM GRAINED MEDIUM GREEN THOLEITIC METAVOLCANIC (CHLORITE BLEBS UP TO 2MM MAKE UP 5% OF ROCK) 376-277 - QUARTZ CHLORITE (+ ORANGE CARB.) BRX 301-302 - " " " " " " 357-358 - PYRITIC BANDS IN CHLORITIC & GRAPHITIC ZONE
359 - 413'	40° SHARP CONTACT SCHIST BRECCIA, CHLORITE (QUARTZ) PREDOMINANTLY UM FLOW MATERIAL (FRAGS OF CUMULATE TEXTURED UM ROCK) SHEAR ZONE. 385-386 - FAULT GOUGE @ 40° TO C.A. 406 - BECOMING ALMOST MYLONITIZED. ROCK HAS GRANULAR TEXTURE 450
413 - 439	MARIPOSITE (± CHLORITE) QUARTZ CARB. SCHIST BRECCIA. EMERALD GREEN. H=5.5. W 10% BANDS OF BUFF COLORED. MASSIVE DYKE? MATERIAL. LOCALLY BUFF MATERIAL HAS UP TO 5% CHLORITE BLEBS/FLAKES 450 - - - GRADATIONAL
439 - 473	CHLORITE ± MARIPOSITE QUARTZ CARB SCHIST BRECCIA. W PINKISH PURPLE AND BUFF COLORED DYKE? MATERIAL 443-455 - PINKISH PURPLE + BUFF H=6 DYKE? 2% CHLORITE FLAKES

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	465.5-467 BUFF-YELLOWISH GREEN DYKE? MATERIAL WEAKLY FOLIATED W 5% CHLORITE FLAKES		
	45° GRADATIONAL CONTACT		
473-496	CHLORITE TALC ALTERED UM BRECCIA - FRAGS OF UM FLOW TEXTURED ROCK (SPINIFEX AND CUMULATE) IN BLACK TALCOSE MATRIX. FRAGS UP TO 1 FOOT, ROUNDED		
	45° GRADATIONAL		
496-580	DARK GREY GREEN TALC CHLORITE SCHIST BRECCIA WITH DEEP PINKISH GREY (HEMATITIC?) BIOTITE → CHLORITE SYENITE DYKE. H = S.S-6 MODERATELY MAGNETIC. W SUBROUNDED FELDSPAR FRAGS UP TO 4mm		
	40°		
	508-510 - BIOTITE SY AS ABOVE. 5% VERY FINE DISS. PY	560-565 3275	.002
	45°	565-570 3276	.002
	520-525 - " " " " " "	570-574 3250	.230/.240 AF .25
	547 - FAULT ZONE SHEARING + MULTIPLE FAULT GOUGES	574-579 3251	.025
	549-549.5 - BIOTITE SYENITE DYKE @ 350	579-580.5 3252	.474/.480 .45
	579-580.5 QUARTZ VEINING IN VERY FINE GRAINED TAN-GREY SILICA CARBONATE PYRITE BAND (SY-TRACHYTE TYPE)	580.5-583 3253	.070
	----- GRADATIONAL, 50°	583-586 3254	.005
		586-589 3255	.005
		589-592 3256	.005
		592-594.5 3257	.010
		594.5-597 3258	.080
590-624	MEDIUM GREEN CHLORITE ± SERICITE, ± QUARTZ. SCHIST/BRECCIA. FRAGS OF UM FLOW TEXTURED ROCK. 1-2% FINE PYRITE	597-600 3259	.040
	594.5-608 - FINE GRAINED FOLIATED PALE TAN GREY SILICEOUS CARBONATED PYRITIC ROCK, (SY TRACHYTE TYPE) HAS APPEARANCE OF THOLEIITIC DYKE OR SILL.	600-603 3260	.050
	-609.5 - AS ABOVE - BOTH W APPROX. 10% FINE PYRITE	603-605 3261	.210 AS .278
	614-615 - AS ABOVE.	605-608 3262	.265/.280
	617-624 - BECOMING INCREASINGLY MORE BRECCIATED	608-611 3263	.005
	45° FAULT GOUGE (6")	611-614 3264	.01
		614-617 3265	.02
		617-620 3266	.015
		620-624 3267	.075/.080 AS .078
624-748	DARK GREEN TO BLACK TALC CHLORITE SCHIST (SOAPSTONE) W MULTIPLE BANDS (10% OF ROCK) OF DEEP PURPLE SYENITE DYKE OR HEMATITIC META GRWK. (H=6) MODERATELY MAGNETIC.	624-629 3268	.005
	680-686 - DEEP PURPLISH GREY H=6.5 MASSIVE, PORPHYRITIC	629-634 3269	.005
	687-691.5 - SYENITE DYKE? METASED BANDS? NON-MAGNETIC	634-639 3270	NIL
	700.5-703 - SPECULARITE BEARING. UP TO 5% FINE EUBEDRAL	639-644 3271	NIL
	704-706 - PYRITE (DISSEMINATED). CONTACTS @ 75% C.A. SOME BRECCIATED.	644-649 3272	NIL
		649-654 3273	NIL
		654-659 3274	.002
		680-685 3277	NIL
	712-714 - DEEP REDDISH GREY HEMATITIC. H=6 CHLORITE	685-690 3278	NIL
	728-731.5 - FLAKE BEARING SYENITE DYKE? METASED BAND. @ 40° TO C.A.		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
748-808	<p>--- 55° GRADATIONAL CONTACT CHLORITE SERICITE ± MARIPOSITE ALTERED UM FLOWS (VARIABLY SHEARED) W 30% PINKISH BROWN H=6 META- SED BANDS. UM FLOW MATERIAL IS MEDIUM TO LIGHT GREEN W SPINIFEX + CUMULATE TEXTURES. FOLDS FROM 35°-50° TO C.A., PREDOM. 45° STOCK WORK OF QUARTZ VEINLETS OUELPLINTS BOTH ROCK TYPES MAKING UP 5% OF ROCK. 806-808 - BECOMING INCREASINGLY MORE SHEARED + DARK- ER GREEN IN COLOR</p>		
808-830	<p>350 GRADATIONAL 6th FAULT GOUGE SHEARED CHLORITE CARBONATE (QUARTZ) SCHIST. ROCK HAS MOTTLED APPEARANCE DUE TO SERICITE WISPS AND LOCAL PERVASIVE SERICITE + ANKERITE ALTERATION. + JASPER FRACTURES 827-828 - FAULT GOUGE W JASPER + QV @ 15° TO C.A.</p>		
830-906	<p>30° PERIDOTITE. BLACK TO PURPUSH BLACK COARSE GRAINED MASSIVE PERIDOTITE. LOCALLY SHEARED AND ALTERED TO SOAPSTONE. LOCALLY HEMATIZED AND CALCAREOUS. MAGNETIC 830-847 - SOAPSTONE TYPE TALL SCHIST 898-902 - SHEAR ZONE - SOAPSTONE FOLD 45-50° TO C.A. 900-902 - FAULT GOUGE</p>		
906	<p>END OF HOLE</p>		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARISSON

DATE AUG 6/88 PAGE: 1 OF 2

HOLE NO. N-88-113 DIP -45° AZMIUTH 160° LOGGED BY D. MEYER

CORE SIZE BQ TOTAL FOOTAGE 406' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE ACID TEST @ 406' 36° LOCATION: 22N, 31W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 32'

DRILL TIME: START AUG 4/88 FINISH AUG 8/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS NOVEX DRILLING



FOOTAGE	DESCRIPTION	
0 - 32'	OVERBURDEN (CASING)	
32 - 67'	DARK GREY GREEN H=4.5 TALL CHLORITE SCHIST. W BANDS OF META SED MATERIAL? (POSSIBLE BIOTITE LAMP DYKING) AND THOLEIITIC META-VOLCANICS. 34-36 - THOLEIITIC (SILL?) FINE GRAINED MED. GREEN @ 40° TO C.A. 41-45 - PORPHYRITIC BIOTITE LAMPOPHYR DYKE, DARK GREY H=5. 30% BIOTITE FOL @ 45° CONTACTS @ 40° TO C.A.	60-63 3279 NIK 63-67 3280 NIK 67-70 3281 .002 70-77 3282 NIK 77-80.5 3283 NIK 80.5-86 3284 NIK 86-90 3285 NIK 90-95 3286 NIK 95-100 3287 NIK
67' - 86'	MEDIUM GREEN CHLORITE TALL SCHIST BRECCIA. LOCALLY (WHERE LESS SCHISTOSE) UM FLOW TEXTURES VISIBLE. 15% OF ROCK IS COMPOSED OF VERY FINE GRAINED PALE GREY-BUFF "FELTED" TYPE ALTERED DYKE ROCK (HAS APPEARANCE OF ALTERED THOLEIITE) W 5% FINE DISS. EMINATED PYRITE (SY TRACHYTE TYPE) [78-80.5 - FINE GRAINED "SY TRACHYTE" DYKE AS ABOVE @ 40° TO C.A. 67-70' - BUFF COLORED MASSIVE H=6 DYKE? / METASED BAND	100-105 3288 NIK 105-110 3289 .002/NIK 110-115 3290 NIK 115-120 3291 NIK 120-125 3292 NIK 125-130 3293 NIK 130-135 3294 NIK
86' - 145	DARK GREEN TALL / CHLORITE SCHIST BRECCIA. SUB ROUNDED FRABS OF UM FLOW TEXTURED MATERIAL UP TO 2" IN SIZE. TO TALCOSE MATRIX. ALSO W 5% QUARTZ CALCITE STRAINERS. MULTIPLE FAULT GOUGES: 92, 117, 122, 123 } 3" FAULT GOUGES.	135-140 3295 .005 140-145 3296 .002 145-148 3297 .025 148-151 3298 .035 151-154 3299 .050 154-156 3300 .070 156-158 3301 .175
145 - 158	FINE GRAINED, WEAKLY FOLIATED (VARIABLY ALTERED AND BLEACHED: LIGHT TAN- GREY TO DARK GREEN) THOLEIITIC METAVOLCS? DYKE/SILL? H=5.5-6. LOCAL SERICITE, CARBONATE AND SILICA ALTERATION W OVERALL 5% PYRITE 1-2% ARSENOPIRYTE.	

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
158 - 200	<p>SERICITE MARIPOSITE CHLORITE SCHIST. HIGHLY CONTORTED DULL GREEN TO EMERALD GREEN H= S-S. W BOUDINS OF QUARTZ FELDSPATHIC MATERIAL. 'BUFF TO YELLOWISH MASSIVE 'DYKE? MATERIAL (H= S-S) MAKES UP 35% OF ROCK IN BANDS UP TO 4' @ 400 TO C.A. 'STOCKWORK OF WHITE AND GREYISH QUARTZ STRINGERS MAKES UP 3% OF ROCK. 2-3% FINE PYRITE THROUGHOUT W LOCAL GREYISH ('SY-TRACHTITE') BANDS HAVING UP TO 10% VERY FINE PY.</p> <p style="text-align: center;">50°</p>	<p>158-161 3302 161-163 3303 163-165 3304 165-168 3305 168-170 3306 170-173 3307 173-176 3308 176-179 3309 179-182 3310 182-185 3311 185-188 3312 188-191 3313 191-194 3314 194-197 3315 197-200 3316</p>	<p>.225/.240 .235/.230 AN. 0.231 .010 .005 .035 .050 .040 .010 .050 .145/.145 .025 .025 .065 .065 .025</p>
200 - 376	<p>DARK GREEN GRAY TO BLACK TALC CHLORITE SCHIST AND CHLORITE AND FELDSPAR ALTERED SPINIFEX TEXTURED UM FLOWS, PURPLISH AND ORANGE BROWN H= 6 METASED BANDS. HIGHLY FRACTURED AND BROKEN ROCK HIGHLY CONTORTED W BOUDINS OF QUARTZ FELDSPATHIC METASEDS. MULTIPLE FAULT GOUGES.</p> <p>209-212 FAULT GOUGE @ 45° 263-264 FAULT GOUGE @ 35° 297-301 - WELL DEVELOPED ANGULAR BRECCIA 310-329 - RED BROWN H= 6 MEDIUM GRAINED "SHATTERED" 329-329 - RUBBLE: BROKEN CORE METASEDS. (SS TYPE)</p> <p>329-376 - FRAGS OF UM FLOW TEXTURED, CHLORITE ALTERED MATERIAL. 360-370 - FAULT GOUGE MAKES UP 50% OF ROCK.</p> <p style="text-align: center;">45°</p>	<p>188-191 3313 191-194 3314 194-197 3315 197-200 3316</p>	<p>.025 .025 .065 .065 .025</p>
376 - 406	<p>MEDIUM GREEN VERY THINLY FOLIATED H= 5-5.5 MARIPOSITE CHLORITE QUARTZ SCHIST. W 20% MEDIUM GRAINED ORANGE BROWN H= 6 METASEDS.</p>		
406	<p>END OF HOLE.</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE AUG 8/88 PAGE: 1 OF 3

HOLE NO. N-88-115 DIP -550 AZMIUTH 160° LOGGED BY D. MEYER

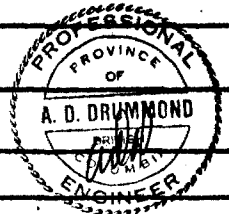
CORE SIZE 80 TOTAL FOOTAGE 526' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 526' - 57 1/2° DIP LOCATION: 22N · 32T00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 28'

DRILL TIME: START AUG 8/88 FINISH AUG 10/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS NOREX DRILLING



FOOTAGE	DESCRIPTION	
0 - 28'	CASING OVERBURDEN	
28' - 52.5	DARK GREY FOLIATED H=5-5.5 BIOTITE METASED? OR BIOTITE LAMP DYKE. 0.5% FINE PYRITE, FOLD @ 40° 450 · 10% FAULT GOUGE MATERIAL	
5 - 162	INTERBANDS: CHLORITE ± TALC ALTERED UM FLOW BRECCIA SERICITE, CHLORITE QUARTZ SCHIST AND REDDISH BROWN TO TAN H=6 METASEDS. 18.5 - LIMONITIC FAULT GOUGE @ 350 109-113 - FAULT GOUGE 109-162 - PREDOMINANTLY (90%) CHLORITE TALC ALTERED UM FLOW TEXTURED BRECCIA. FRAGS OF SPINIFED AND CUMULATE TEXTURED UM FLOW.	
162 - 183.5	400 GRADATIONAL CONTACT DULL YELLOWISH GREEN SERICITE, CHLORITE QUARTZ CARBONATE SCHIST. W INCREASING AMOUNT OF FINE PYRITE 169-172 - FINE GRAINED. SERICITE, CARBONATE SILICA? ALTERED ROCK. FOLY @ 40° TO C.A. W UP TO 10% FINE EUBEDRAL TANHEDRAL PYRITE	160-163 3317 NIL 163-166 3318 NIL 166-168 3319 .055 .188 W 168-170 3320 .145/180 170-172 3321 .130 172-174 3322 .125 174-177 3323 .240/.240 W. 177-180 3324 .015 180-183.5 3325 .010
183.5 -	MARIPOSITE (SERICITE QUARTZ (CARB) SCHIST W 30% OF ROCK COMPOSED OF SERICITE ALTERED YELLOWISH BUFF DYKES 186.5-190 - BUFF DYKE W 6P TO 2% 190 - 194 - 196 - 200 - 200 - 204.5 -	183.5-186.5 3326 .005 186.5-190 3327 .020 190-194 3328 .005 194-196 3329 .025 .053 196-200 3330 .050/.055 200-204.5 3331 NIL 204.5-209 3332 NIL 209-214 3333 .002 214-218 3334 .015

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
		218-221	3335 .030
		221-224	3336 .025
		224-227	3337 .040
		227-230	3338 .045
		230-233	3339 .050
		233-236	3340 .045
		236-239	3341 .020
		239-242	3342 .025
		242-248	3343 .005
254-301.5	DARK GREEN H=4 TALL CHLORITE SCHIST W SOME UM FLOW TEXTURED ROCK. 254-256 - FAULT GOUGE 256-287' FAULT ZONE - MULTIPLE FAULT GOUGES W MINOR QUARTZ VEINING 300-301.5 - SHEARED ROCK 40° SHARP CONTACT	248-251	3344 .210/.145 av. .205
		251-254	3345 .075
		254-256	3346 .010
		256-261	1607 .005
		261-266	1608 .010/.015
		266-271	1609 .010
		271-276	1610 .010
		276-281	NIL
		281-286	NIL
		286-291	NIL
		291-296	NIL
		296-301.5	3347 .050
		301.5-304	3348 .030
		304-308	3349 .015
		308-312	3350 .010
		312-316	3351 .065
319-378.5	DULL GREEN H=5.5 CHLORITE SERICITE QUARTZ (CARB) SCHIST 330-337 - FINE GRAINED, FOLIATED, CARBONATED LIGHT GREY SILICIFIED? ROCK W UP TO 5% FINE PYRITE. (SYENITE TRACHYTE TYPE) 341-341.5 - " " " " " " 30° 345-352 - BROWN, H=6-6.5 MEDIUM GRAINED (PORPHYRIC?) "FELSITE" .3% FINE PYRITE. 40° 350-360.5 - GREYISH SERICITE RICH ALTERATION BAND, 2% FINE PYRITE OBSCURE CONTACT 361-378.5 - FAULT ZONE - MEDIUM GREEN H=4.5 CHLORITE TALC SCHIST + CHLORITIC FAULT GOUGE 370-372 - PALE GREY H=6 SERICITE QUARTZ CARBONATE ALTERED ROCK W 5% FINE PYRITE. 45° SHARP CONTACT	319-322	3352 .005
		322-325	3353 NIL
		325-328	3354 .020
		328-331	3355 .040
		331-334	3356 .255/.245
		334-337	3357 .195
		337-341	3358 .010
		341-341.5	3359 .025
		341.5-345	3360 .020
		345-349	3361 .065
		349-352	3362 .060/.070
		352-356	3363 .002
		356-360	3364 .025
		360-360.5	3365 .035
		360.5-365	3366 .002
		365-370	3367 .020
		370-372	3368 .145
		372-378.5	3369 .190
378.5-408	FINE GRAINED SERICITE CARBONATE ALTERED H=6 (SILICA) PYRITE BEARING ROCK. FINE EUBAIDAL PYRITE IN BANDS MAYING UP A TOTAL OF 20% OF ROCK. 45° 381-401.5 EMERALD GREEN H=6-6.5 MAFIC QUARTZ SERICITE SCHIST. HIGHLY CORRUPTED, BOUNDARIES LOCAL BANDS OF SERICITE CARBONATED PYRITIC MATERIAL AS FROM 378.5-381 45°	378.5-381	3370 .733/.410 av. .441
		381-384	3371 .025
		384-387	3372 NIL
		387-390	3373 .005
		390-393	3374 .002
		393-396	3375 .025
		396-399	3376 .015
		399-401.5	3377 .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	401.5 - 404	401.5-402 3378 404-408 3379	.155/.175 04.1625 .025
408 - 479	DARK GREY GREEN H=4 TALE (CARB) SCHIST W MULTIPLE BIOTITIC PINKISH TINGED BANDS. WHOLE UNIT IS PROBABLY ALTERED META SEDS. 410-412.5 - PURPLISH GREY H=6.5 PORPHYRITIC? FELSITE W UP TO 5% FINE DISS. PYRITE.	408-410 3380 410-412.5 3381 412.5-416 3920 416-421 3421	.015 .130/.150
479 - 526	45° GRADATIONAL CONTACT CHLORITE + MARIPOSITE SERICITE QUARTZ SCHIST. H=5.5 FOLD @ 45-50° TO C.A. BOUDINS OF QUARTZ VEINING AND QUARTZ FELDSPATHIC META SEDS. 510.5-526 - REDISH GREY H=6 META SEDS. WEAKLY FOLIATED @ 45° TO C.A.		
	END OF HOLE		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARELSON

DATE Aug. 12/88 PAGE: 1 OF 13

HOLE NO. N-88-116 DIP -65° AZMIUTH 160° LOGGED BY Ken Rattes

CORE SIZE BQ TOTAL FOOTAGE 596' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -57° @ 596' LOCATION: 22N, 32+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 24 feet

DRILL TIME: START Aug 10 FINISH Aug 11/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS NOREX DRILLING



FOOTAGE	DESCRIPTION
0-24'	casing
24'-39'	qtz-chl-talc schist breccia - dark grey, fractured, with brownish-green fragments, abundant brllish qtz. Filled fractures, non-mag. Fracturing generally @ 35-45°, soft, fine py << 1%, altered metamorphic? @ 32.5 - possible chl. FLT in g.c. with mud @ 47 TCA @ 39.0' - contact along a tight chl. mud FLT @ 50°
39'-52'	biot. lamp dyke or biot metased. ? - dark grey, fairly massive unit only locally foliated, looks similar to biot. lamp with abundant fine to med. biot. flakes, H ~ 5, ~ 1% fine py, non mag. 39.0-42.0 - Fol'n @ 37° @ 43.5 - mud g.c. poss. FLT @ 30° @ 52.0 - contact in g.c.
52'-56'	qtz.-chl-talc schist breccia - brownish-green fragments not present, Fol'n @ 50°, ~ 1% fine py locally conc. @ 56.0 - natural contact @ 15°
56'-65.5'	biot lamp dyke or biot. metased. ? - biot. finer-grained & less abundant than initial interval, massive, py << 1%. @ 65.5 - natural, sharp contact @ 40°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
65.5'-81'	<p>chl-qtz-sericite schist - dull yellowish-green, foliated, soft (talcose), altered um flow with spinifex texture noted in less altered sections, fol'n generally @ 25-30°, non-mag, py < 1%</p> <p>68.0-70.0 - 2.0' of chl-cemented brecc, very soft, no FLT seam evident, fracturing @ 10-30°</p> <p>@ 72.0 - chl. mud FLT @ 30°</p> <p>76.0-76.8 - highly fractured, reddened feldspar porphyry</p> <p>@ 81.0 - sharp, natural contact @ 33°</p>		
81'-86'	<p>Feldspar porphyry - has been described as syenitic?, green to reddened (chromitic), ~10% med → coarse-grained, euhedral feldspars in a fine-grained, possibly syenitic matrix, abundant qtz-filled fractures, alteration where fracturing strong, fracturing generally @ 45°</p> <p>@ 86.0 - contact along a 2" altered, brecc. interval @ ~ 52°</p>		
81'-100.5'	<p>chl-qtz-ser schist - streaked dark grey - dull yellowish-green, foliated, numerous sericitic rich bands (altered argillaceous material?) & stretched fragments of possible metased's., much harder than initially described, non-mag, py < 1% with a few small pyritic clots or fragments</p> <p>@ 88.0 - fol'n @ 25°</p> <p>94.2-94.7 - pale brown, v fine-grained, massive, with coarse biot flakes, altered biot. lamp?, sharp contacts @ 55° bedding, @ 30° trailing</p> <p>96.4 - 96.8 - pale brown, aphanitic, fine-grained as above with no biot. (metased?), sharp contacts @ 20°</p> <p>@ 98.2 - spinifex</p> <p>@ 99.0 - fol'n @ 31°</p>		
5'-107.5'	<p>altered fine-grained metasediment? - pale brown to dark greenish-brown, aphanitic, textureless unit, highly fractured with bill qtz stringers up to 1 1/2", fairly hard (~6), non-mag, fracturing not orientated, py < 1%</p> <p>104.5-105.3 - chl-qtz-ser. schist - leading contact irregular, trailing contact @ 30°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
107.5'-185.5'	chl-qtz-sericite ± marip. schist - streaked yellowish-green - pale grey, hardness ~5, non-mag, fine py < 1%, through to 128.0 unit is highly altered with original texture completely obliterated @ 109.0 - fol'n @ 15° 110.5-112.5 - green, mariposite rich section 113.2-113.8 - 0.6 white bull qtz. Vn. @ 23° @ 127.0 - fol'n @ 23° * @ 128.0 - Fairly abruptly though gradationally unit becomes much less altered + schistose with massive sections of only slightly altered, slightly foliated UM flow with cumulate + spinifex texture evident, minor tr. fine py, no mariposite past 128.0 131.0-131.6 - pale greyish-brown, buff dyke - fine-grained, felsic unit with minor coarse biot. Flakes, leading contact along a tight chl. slip @ 15°, trailing contact sharp + natural @ 35° @ 141.0 - fol'n @ 20° @ 143.8 - 1/2" highly chloritized, soft gouge, FLT @ 22° 144.0-145.0 - pale pinkish-brown, fine-grained, Syen. Dyke, ~1% fine py, well fractured with etc. in-filling, leading contact sharp @ 20° TCA, trailing contact sharp @ 7° TCA @ 146.2 - chl. mvd. FLT @ 19°, mud gouge in g.c. 155.7-156.7 - 1.0' Biot. Syen. Dyke - brownish-grey, fine-grained, felsic matrix with coarser biot. Flakes, mag., < 1% fine py, leading contact @ 34°, trailing contact @ 17° @ 159.0 - fol'n. @ 30° @ 159.3 - str. chl-carb FLT @ 27°, 1 1/2" soft mud gouge @ 163.0 - chl. FLT @ 24° @ 173.2 - str. chl-carb slip @ 34° @ 184.9 - fol'n. @ 40° TCA @ 185.5 - irregular, diffuse contact	107.5-111.0 3388 111.0-114.0 3389 114.0-116.0 3390 116.0-121.0 3391 121.0-125.0 3392 125.0-128.0 3393	NIL .002 .002 .002 NIL .002

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
185.5-190.0	Feldspar Porphyry - greenish-brown, fine-grained possibly syenitic material, with minor coarse feldspar phenos, hardness = 6, fine py 441% @ 190.0 - contact along a tight chl. slip @ 55°		
190.0-229.0	Chl-Qtz-Schist - dark grey, slightly altered, slightly foliated, um flow texture preserved in places, hardness ~ 4.5, locally minor bracc., non-mag., minor greenish fragments @ 202.0 - fol'n @ 30° @ 209.6 - chl-carb FLT @ 37°, 1/2" mud gouge 210.5-211.8 - Str. chl. FLT @ 28°, 1.3' soft chloritic, sheared gouge 213.5-215.0 - 'good' spinifex texture 219.0-221.0 - Str. chl. FLT @ 18°, 2.0' soft chloritic, sheared mud gouge 226.0-229.0 - Foliation + alteration quickly increases, ~ 1% fine py, grades into a chl-qtz-sericite schist, fol'n @ 16°	210.5-213.0 3394 213.0-215.0 3395 218.0-221.0 3396 221.0-226.0 3397 226.0-229.0 3398	.002 NIL .005 NIL NIL
229.0-234.0	Chl-Qtz-Sericite Schist - pale grayish-green, highly foliated, hardness ~ 5, ~ 1% fine py, spinifex noted in places, highly altered, fol'n @ 31° 231.1-231.4 - 4" schistose, pale grey band @ 19°, pyritic rich ~ 3-5% fine py @ 234.0 - sharp, irregular contact with 'syen. truch' @ 40°	229.0-232.5 3399 232.5-234.0 3400	.005 .070
234.0-239.5	"Syenite Trachyte" - grey to pale grey, crushed, textureless, aphanitic looking, qtz-filled fracturing, H=7, non-mag, highly altered, fol'n generally @ 15° * 234.0-236.0 - ~ 15-20% very fine py, minor fine arsenopy, abundant fine + coarse <u>V.G.</u> 236.0-237.5 - ~ 5% very fine py, minor fine arsenopy needles (237.2-237.5), one cluster <u>V.G.</u> noted (237.3) 237.5-239.5 - ~ 5%-10% very fine py, one cluster <u>V.G.</u> noted (237.6) @ 239.5 - sharp contact @ 17°	for pulps + metallize 234.0-236.0 3536 236.0-237.5 3402 237.5-239.5 3403	2.74 .80 .355/.360

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
239.0-248.0	Qtz.-Mariposite-Chl-Sericite Schist - highly foliated, qtz. dominated, highly altered, streaky pale grey/dark greenish-grey with minor yellowish-green, sericite-rich bands, non-mag, fine py ~1-2%, @239.3 - 2" bluish qtz. strgr. @ 70° @240.0 - fol'n @ 15° @245.3 - 3" bluish qtz. strgr. @ 48° @247.0 - fol'n @ 15° @248.0 - sharp contact @ 12°	239.5-242.0 3404 242.0-245.0 3405 245.0-248.0 3406	.010 .010 .005
248.0-249.0	"Syenite Trachyte" - as described in 234.0-239.5 interval, fol'n @ ~15°, very siliceous (more so than previous interval), ~3-5% fine py, minor mariposite flakes @249.0 - sharp contact @ 12°	248.0-249.0 3407	.025
249.0-283.5	Qtz.-Mariposite-Chl-Sericite Schist - similar to qtz-mariposite schist unit described above. though mariposite more dominant in this interval, ∴ giving unit a green carbonate look, ~1% fine py @262.0 - fol'n @ 12° @266.7 - 3" x 1/2" greyish-brown, pyritic fragment, probable deformed pyritic band, ~15% fine py @271.5 - 1/16" py band @ <5° @274.0 - fol'n @ 10° 279.5-283.5 - qtz. fracturing & foliation becomes very strong giving rock a block. appearance, mariposite content decreases to 283.5 where no longer evident.	249.0-251.5 3408 251.5-254.5 3409 254.5-257.0 3410 257.0-260.5 3411 260.5-263.0 3412 263.0-265.5 3413 265.5-267.0 3414 267.0-270.0 3415 270.0-273.0 3416 273.0-275.0 3417 275.0-278.5 3418 278.5-281.0 3419 281.0-283.5 3420	.010 .005 .005 .035 .010 .015 .020/.030 .010 .005 .010 .005 .002 .002
283.5-295.0	Qtz.-Chl-Sericite Schist - highly foliated, highly altered, qtz. dominated, mariposite no longer evident, H=6, non-mag., ~1% fine py @287.5 - fol'n @ 10° 29.3-29.0 - um cumulate texture becomes evident, ~2-3% very fine py	283.5-286.0 3421 286.0-289.0 3422 289.0-291.0 3423 291.0-293.0 3424 293.0-295.0 3425	.002 .016 .005 .010 .010

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	@ 295.0 - contact with feldspar porph. dyke along a 1.5' Qtz. Vn., leading contact @ 55°		
295.0-301.0	Feldspar Porphyry Dyke - brown, altered, fractured, fine-grained, felsic matrix with minor medium-grained, euhedral, Feldspar phenos, minor fine biot flakes, possibly syenitic, non-mag, H=6, abundant bull Qtz filled fractures, ~3-5% fine py	295.0-297.5 3426 297.5-299.5 3427	.025 .060
	295.0-296.5 - 1.5' white bull Qtz. Vn., leading contact @ 55°, trailing contact @ 75°		
	299.7-300.3 - chl-qtz-seric. schist, leading contact @ 29°, trailing contact along a bull Qtz. Vn. @ 55°, ~3-5% fine py	299.5-301.0 3428	.040
	300.3-301.0 - 0.7' white bull Qtz. Vn., trailing contact @ 45°		
301.0-303.5	Str. Chl-Qtz. Break Zone - 2.5' of chl. gouge with caught up white Qtz. fragments, becomes a soft mud gouge (301.8 → 303.5), difficult to obtain core angle though slight fol'n @ 20-30°	301.0-303.5 3429	.015
303.5-318.5	"Syenite Trachyte" - grey - carbonate-quartz-sericite-py rx. grey to pale grey, crushed, aphanitic, textureless, with only weak foliation developed, H=6-7, non-mag, highly altered rock certainly not an actual trachyte, abundant Qtz. fracturing		
	303.5-305.0 - ~2-4% fine py	303.5-305.0 3430	.310/.240
	305.0-306.5 - ~10% fine py	305.0-306.5 3431	.230
	306.5-309.0 - ~1-2% fine py, minor coarse py clots @ 306.5 - fol'n @ 25°	306.5-309.0 3432	.005
	309.0-311.5 - ~1-2% very fine py, minor fine arseno needles	309.0-311.5 3433	.010
	311.5-314.0 - ~3-5% fine py, conc. in fine bands parallel to fol'n @ 24°	311.5-314.0 3434	.030
	314.0-316.0 ~5-7% fine py becoming slightly coarser, unit becomes less altered with spinifex becoming apparent 314.5-315.0	314.0-316.0 3435	.035

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	316.0-318.5 - ~10% Fine py, ~1-2% fine arsenopy needles (317.3-318.5) @318.5 - contact lost in g.c. ?	Sample 316.0-318.5	
318.5-324.0	Feldspar Porphyry Dyke - brown, altered, highly fractured being a breccia 318.5-323.0 with dyke fragments caught up in white, bullish qtz., unit itself as described in 295.0-301.0 interval with less biot., ~3-5% Fine py with dyke + dyke fragments 318.5-319.0 - g.c. with strong chl. fracturing 319.5-320.0 - g.c. with strong chl. fracturing 320.3-321.5 - g.c. with strong chl. fracturing 323.0-324.0 - brecc. dyke becomes massive @324.0 - contact along a str. chl. slip @30°	In Sample No. 3436. 316.0 318.5 -320.5 3436 320.5-323.0 3437 323.0-324.0 3438	.125/.115 .01 .080
324.0-338.0	Chl-Qtz-Sericite Schist - highly foliated, greenish-gray with minor yellowish-green fragments + streaks, highly altered, non-mag, H=5, ~1% fine → med. py @326.0 - 2' of g.c. (driller indicated) @327.7 - chl. FLT @40° in g.c. 328.5-329.0 - str. chl. FLT @24° with 6" of soft chl-qtz. gouge with mud @328.8 @331.0 - 5" bull white qtz. Vn. @65° @332.5 - 4" bull white qtz. Vn. @70° @335.0 - fol'n @15° @338.0 - contact lost in g.c.	324.0-327.0 3439 327.0-329.0 3440 329.0-331.0 3441 331.0-333.5 3442 333.5-336.0 3443 336.0-338.0 3444	.070 .005 .030 .015 .005 .130
338.0-342.0	"Syenite Trachyte" - gray to pale gray, crushed, highly altered, siliceous unit with only weak foliation developed, H=7, becomes brecc. in places with qtz. cementing, non-mag, py rich, fol'n @15° 338.0-340.5 - ~10% very fine py 340.5-342.0 - ~10% very fine py 340.8-341.2 - brecc. 341.2-341.6 - g.c. @342.0 - contact lost in g.c.	338.0-340.5 3445 340.5-342.0 3446	.075 .57/.59 av. .46/.55 .54

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
342.0-344.0	Chl - Qtz. - Sericite Schist - foliation overprinted by late qtz. Fracturing, dark greenish-grey with minor dull yellowish-green fragments & streaks, highly altered, H=5, non-mag, ~1% very fine py 342.0-342.6 - g.c., no evidence of structure @344.0 - sharp contact @ 250	342.0-343.0 3447 343.0-344.0 3448	.170 .035
344.0-352.0	Feldspar Porphyry Dyke - brown, altered, fine-grained felsic matrix with only very minor euhedral med.-grained feldspar phen's ∴ consider texture somewhat obliterated as same unit as 318.5-324.0 with plagioclase, probably synonymous with brown syenite, abundant qtz. Fracturing, non-mag, H=7, ~5-7% fine py @352.0 - sharp contact @ 240	344.0-346.5 3449 346.5-348.5 3450 348.5-351.0 3451 351.0-352.0 3452	.065 .030 .160 .110
352.0-376.0	Chl - Qtz. - Sericite - ± Mariposite Schist - highly foliated, dull yellowish brown to yellowish green to greyish-green, minor fine flakes of biot. locally, abundant qtz. Fracturing, H=6, non-mag, highly to moderately altered, ~1-2% fine py, spinifex texture evident in places @357.5 - chl FLT @ 15°, g.c. with a 1/2" soft chl seam 357.5-358.5 - sericite - carb dominates over 1.0' tan brown interval 363.5-367.0 - mariposite dominates over 3.5', green carb. interval @366.5 - fol'n @ 40° @375.5 - fol'n @ 15° @376.0 - grades into a chl-talc-qtz. schist	352.0-356.0 3453 356.0-358.5 3454 358.5-361.0 3455 361.0-363.5 3456 363.5-367.0 3457 367.0-370.5 3458 370.5-374.5 3459 374.5-376.0 3460	.219/.230 av. .230/.200 .080 .115 .060 .020 .050 .055/.065 av. .05
376.0-395.0	Chl - Talc - Qtz. Schist - foliation weakens, dark greenish-grey, soft (talcose) H=3, qtz. Fracturing far less prevalent than previously, um flu texture evident in places (spinifex & cumulate texture), ~1-2% fine py with local conc's of fine → med.-grained, euhedral py	376.0-379.0 3461 379.0-383.5 3462 383.5-385.0 3463	.015 .005 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>385.0-387.0 - un flow cumulate texture evident @ 387.0 - fol'n. @ 17° 387.5-388.5 - spinifex texture evident 388.5-391.0 - pale grey, siliceous section with ~2-3% fine → mod. py 391.0-395.0 - pale brown, pyritic, siliceous fragments in schist, up to 4" in size, fragments make up ~20% of interval, spinifex noted in fragments, ~5-7% very fine py with fragments @ 395.0 - sharp contact @ 15°</p>	<p>385.0-387.0 3464 388.5-391.0 3465 391.0-395.0 3466</p>	<p>.005 .005 .030</p>
395.0-398.5	<p>Brown Felsite Dyke - brown, fine-grained, felsic unit, matrix is fairly aphanitic, possibly syenitic, minor bit flakes, Hz 6, non-mag, becomes med- grained by trailing contact, ~3-5% fine py @ 398.5 - sharp contact @ 19°</p>	395.0-398.5 3467	.140/.130
398.5-401.5	<p>Chl - Talc - Qtz. Schist - dark greenish-grey, soft, highly altered with no original textural features evident, ~1-2% fine py @ 399.0 - fol'n @ 30° @ 401.5 - sharp contact @ 70°</p>	398.5-401.0 3468	.040
401.5-403.0	<p>Brown Felsite Dyke - brown, fine-grained, felsic unit, as described above, ~3-5% fine py @ 403.0 - sharp, flat, highly irregular contact</p>	<p>401.0 401.0-403.0 3469</p>	.050
403.0-409.0	<p>Chl - Talc - Qtz. Schist - dark greenish-grey, soft, weakly foliated, qtz-filled tectonically deformed fracturing, soft, <1% fine py, non-mag 403.5-406.0 - Str. chl. BRK @ 19°, 2.5' of chl gouge with caught up qtz. Fragments with 0.5' mud in g.c. (404.0-404.5) 407.0-409.0 - unit becomes brecc. with qtz. cementing @ 409.0 - sharp contact @ 18°</p>	<p>403.0-407.0 3470 407.0-409.0 3471</p>	<p>.005 NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
409.0-411.5	Biotite Syenite Dyke - fairly fresh, dark grey, fine-grained, equigranular, felsic unit, possibly syenitic, ~ 5% fine biot. Flakes, H=6, fairly mag, fine py < 1% @ 411.5 - sharp contact @ 20°	409.0-411.5 3472	NIL
411.5-433.0	Chl-Talc-Qtz Schist - dark greenish-grey, soft, qtz. Filled tectonically deformed fracturing, non-mag, < 1% fine py with local conc's 415.0-417.0 - str. chl. BRK @ 13°, 2.0' of chl. gouge with caught up qtz. fragments with chl. mud (415.0-415.7, 416.4-417.0) 419.0-419.5 - highly g.c., probable str. chl. mud BRK no core angle evident 422.7-423.5 - pink syenite dyke - fine-grained, equigranular, felsic unit, H=6, non-mag, ~ 5-7% fine → med. py, leading contact sharp but irregular, trailing contact sharp @ 350 @ 424.3 - str. chl. FLT @ 55°, 3/4" chl. mud gouge 426.5-427.5 - ~ 1-2% fine py @ 428.5 - Fol'n @ 44° 430.3-430.7 - chl. BRK @ 34°, 0.7' soft chl. mud gouge 430.7-432.6 - g.c. with fragments of pale brown, fine-grained, felsite, ~ 3-5% fine py and chl. mud 432.0-432.6 indicating str. chl. FLT, no core angle apparent @ 433.0 - sharp contact @ 46°	411.5-415.0 3473 415.0-417.0 3474 417.0-421.5 3475 421.5-423.5 3476 423.5-427.5 3477 427.5-430.0 3478 430.0-433.0 3479	NIL .002 .002 .002 .030 .015 .002
433.0-440.0	Altered Metasediment Band - grey, altered, weakly foliated, fine-grained, minor qtz. fracturing parallel to fol'n, fairly mag, H=5, py < 1%, felsic, abundant chl., Fol'n @ 46°	433.0-436.0 3480 436.0-440.0 3481	.010 .025

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
440.0-447.5	Chl-Qtz-Talc Schist - dark greenish-grey, soft, foliated, <1% fine py, Fol'n @ 30° @ 444.0 - chl. FLT @ 35° in muddy g.c. @ 447.5 - sharp contact @ 48°	440.0-444.0 3482 444.0-447.5 3483	.005 .010
447.5-455.0	Chl-Sericite Schist (Altered Metasediment) - foliated, aligned chl. flakes, pale brown with minor pinkish, narrow felsite ribs, H=6, locally mag, fol'n @ 40° 447.5-450.0 - ~1-2% fine py 450.0-451.5 - chl-talc-qtz. schist, leading contact @ 15° TCA, trailing contact @ 10° 453.5-455.0 - becomes highly fractured & foliated, fol'n @ 12° TCA @ 455.0 - natural contact @ 27°	447.5-450.0 3484 450.0-455.0 3485	.06/.080 ⁴⁵ .070 .005
455.0-460.0	Chl-Qtz-Talc Schist - ^{no carbonate???} foliated to brecc. unit with qtz. cementing, soft to moderate hard, dark greenish-grey, non-mag, py < 1%, fol'n @ 20°, H=3-4.5 457.5-459.2 - brecc. 459.2-460.0 - 0.8' pink f.g. felsite dyke, ~23% fine → med. py @ 460.0 - sharp contact @ 25°	455.0-459.2 3501 459.2-460.0 3486	.005 .025
460.0-467.5	Chl-Sericite Schist (Altered Metasediment) - foliated, aligned chl. flakes & fracturing, as described above, py < 1%, fol'n @ 13° 463.0-464.5 - chl-talc-qtz. schist, leading contact @ 15°, trailing contact @ 30°	460.0-467.5 3502	.005
467.5-474.0	Chl-Qtz. Schist - dark brownish to greenish grey, foliated, abundant qtz. fracturing, H=4, non-mag, ~1% fine → med. py 468.7-469.3 - 0.6' sericitized, felsite dyke @ 43° @ 473.5 - fol'n @ 35°	467.5-471.5 3487 471.5-474.0 3488	.005 .005

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	'473.0-473.6 - pale brown, altered metased band @ 30° @ 474.0 - sharp contact @ 30°		
474.0-476.0	"Syenite Trachyte" - pale grey, crushed, highly altered, highly siliceous, H=7, non-mag, ~10% very fine py @ 476.0 - sharp contact @ 45°	474.0-476.0 3489	.010
476.0-499.5	Chl ± Mariposite - Qtz ± Sericite Schist - foliated, greyish-green, um flow texture evident in places, appears similar to green carbonate where mariposite dominant, H=4, fine → coarse py << 1%, abundant Qtz. fracturing 478.5 - 479.2 - pale brown, sericitized, altered possible metased band @ 27° @ 481.0 - fol'n @ 20° @ 486.5 - spinifex texture evident @ 491.0 - spinifex texture evident @ 496.5 - fol'n @ 15° @ 498.5 - sharp contact @ 35°	476.0-478.0 3490 478.0-482.5 3491 482.5-487.0 3492 487.0-492.0 3493 492.0-497.0 3494 497.0-498.5 3495	.002 .002 .005 NIL NIL .002
498.5-501.5	"Syenite Trachyte" - pale grey, siliceous as described in interval 474.0-476.0, ~10-12% fine → coarse, euhedral py, locally highly conc. 499.5-500.3 - chl - Qtz - sericite schist, leading contact @ 36°, trailing contact @ 42°, ~1-2% fine py @ 500.5 - 1/4-1/2" py rich (>50%) band @ 42° @ 501.5 - sharp contact @ 40°	498.5-501.5 3496	.020/.020
501.5-505.5	Chl. - Qtz - Sericite Schist - pale yellowish-green to dark greenish-grey, 'streaky', foliated, H=4, non-mag, ~1-2% fine py, fol'n @ 25° @ 505.5 - sharp contact @ 25°	501.5-505.5 3497	.020

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
505.5-507.5	Altered Metasediment - brownish-grey, altered, fine-grained, sandy textured, qtz. fractured, weak foliation developed @ 32° TCD, non-mag, H=6, ~1-2% fine → med. py @ 507.5 - sharp, contact @ 35°	505.5-507.5 3498	.030/.055
507.5-517.0	Chl-Talc-Qtz. Schist - dark greenish-grey, soft (H=3), foliated (locally tectonically deformed), occasional boudins of pale brown metaseds., non-mag, ~1% fine py @ 511.0 - fol'n @ 35° @ 517.0 - sharp contact @ 45°	507.5-510.0 3499 510.0-514.5 3500	.005 .005
517.0-520.0	Altered Metasediment - brownish-grey, altered, fine-grained, massive, sandy textured, H=6, <1% fine py @ 520.0 - sharp contact @ 30°		
520.0-596.0	Chl-Talc-Qtz. Schist - as described above, cut by numerous brownish-grey metased bands, generally <1.0' thickness 539.0-540.5 - brownish-grey, metased band @ 56°, weakly foliated @ 48° 545.0-546.0 - becomes brecc. with qtz. cementing @ 549.2 - chl. FLT @ 27°, 1/4" chl. mud gouge @ 555.5 - fol'n. @ 55° 561.0-562.5 - brown, metased band, leading contact @ 24°, trailing contact @ 38° @ 570.0 - fol'n @ 45° 579.5-581.2 - brownish-grey, metased band @ 65° @ 582.7 - chl. FLT @ 42°, 1/4" chl mud gouge @ 586.2 - chl. FLT @ 45°, 1/4" chl mud gouge @ 595.5 - fol'n. @ 30° @ 596.0 - <u>END OF HOLE</u>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield. TOWNSHIP Garrison

DATE August 16 1988 PAGE: 1 OF 3

HOLE NO. N 88-117 DIP -55° AZMIUTH 160° LOGGED BY A.D. Drummond.

CORE SIZE BQ TOTAL FOOTAGE 686' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -46.5° @ 686' LOCATION: 23+00N, 34+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 18'

DRILL TIME: START Aug 12 FINISH Aug 14/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION			
0-18'	Casing			
18-182	Pale green fgd. uniformly dense - non magnetic Tholeiite (Mg-rich?) Metavolcanic flows. at 44' flow margin at 45° to CA. (cut to tr. py) at 90-94' flow margin with increased deformation fabric at 20-30° to CA at about 150' Rx becomes coarser gr. - darker green H=4-5 (slightly harder) - leucocrone is more noticeable at 180-182' pyrite blebs randomly occur			
182-251	Komatiitic Metaval. 60° + 1" Oncub chl ve. Dk dull green grey Tale/chl breccia-type fcds rx. (Soaps Stone), fcds at 60° to CA. at 188' Spinifex texture observed. locally carbonate proportion increases H=4. at 200' fcds at 50° at about 202' 1st pyrite occur on fcds. at 240' - transition in color to paler but still dull green - H=3-4. fcds remains at 50° to CA.			
251-262.5'	F. gd. Hard (H=6) later dyke - possibly biotite syenite or intermediate type. nil py + unfractured. chilled margin? 45° sharp.	262.5-266	3589	.002
		266-271	3590	NIL
		271-276	3591	NIL
		276-281	3592	NIL
262.5-296	Light green becoming bright green mainposit-carbonate. Qu - stockwork type to textured um type. - H=4.5-5 trace py. "Buff dykes" between 281 + 289 Rubbled contact	281-285	3593	.002
		285-289	3594	NIL
		289-293	3595	NIL
		293-296	3596	NIL
		296-301	3597	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
296 - 315	Pink H=6 f. gd. Syenite dyke - veined by Au-carb in places vuggy - veins follow brittle fractures chilled margin 30° chl. slip.	301-306 3598 306-311 3599 311-315 3600	NIL NIL NIL
315 - 344	Maniposite - chl(Talc) - Carbonate - Au - Stockwork type to schist-type - Note not really bright green but not really dull. Intal is 50° to CA. Interlayered with carbonate with buff areas with variable fine py - (appear locally like a buff-py dyke-type). - Impression - buff section is a replacement of the original komatiitic flow in this section). overall sulphide content is low.	315-320 3601 320-325 3602 325-330 3603 330-335 3604 335-340 3605 340-345 3606	NIL NIL NIL NIL NIL 0.02
344 - 423	transitional contact - colour changes between 342 & 346' to a dark grey-green Talc-chlorite-carbonate schist / Broccia. type with textured UM. - nil to trace py. at 379' 1" gouge at 70° to CA. at 392' 1" gouge at 30° to CA. at 401 to 404' badly broken - fault? Fault 413-417' gouge & chl's slips at 50° to CA. at 417' 3" frag. - mineralized H26 buff with fine py - caught up in late movement. T/chl schist - Soapstone BRx type to 423' 50°	417-420 3607 420-423 3608	0.020 0.010
423 - 541	Buff coloured Ser-chl carb gn schist - fine diss py 1-3% at 40° - in places almost laminated H=5.6 with sections of carb-ser-gn fine py - mineralization locally spinifex texture. 427' (423-429) merging into maniposite brg assemblage by 438' with maniposite flake buff dyke. to 460' H=5.5 at 460' fol° changes down core to ± 10° still with fine py - colour change more chlorite less maniposite H=4.5 by 488' there is sufficient maniposite to impart a bright green colour. - 1-3% fine py. by 538' colour fades to dull green as chl. content increases - still 1-2% very fine py. H=5.1 fol° at 30° 30°	423-426 3609 426-429 3610 429-432 3611 432-435 3612 435-438 3613 438-441 3614 441-446 3615 446-451 3616 451-456 3617 456-461 3618 461-466 3619 466-471 3620 471-476 3621 476-481 3622 481-486 3623	0.070/0.080 0.002 0.005 0.020 0.005 0.030 0.005 0.005 0.030/0.030 0.010 0.010 0.010 0.010 NIL NIL
541 - 556	Dk green-gray - chl (Talc) carb. (Au) schist fol° at 30° to CA. 541-556 - contains distorted buff. boudins & fine py 1-2% on fol° - 45°	486-491 3624 491-496 3625 496-501 3626 501-506 3627 506-511 3628	0.005 0.005 0.020 0.045 0.465/0.445

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
556' - 581	Hard, dark brown to dark grey brown locally biotite rich H ₂ O LAMPROPHYRE DYKE at 580-588 Ground contact with gage - (2' core lost)	511-516 3629 516-521 3630 521-526 3631 526-531 3632 531-536 3633	.040 .015 .010 .020/.010 .002
581- 604	Dk. green chl (Talc) carb-(qu) schist. - to Soapstone Buccia. - Spirifer texture at 610' thru 614' - foliation contorted with stretched & folded, locally boudins - crumbled zone Fault 602-604 - gage + chl. slips (1' lost) 60°	536-541 3634 541-546 3635 546-551 3636 551-556 3637	.002 .010 .010 .045
604- 628	Generally hard H ₂ S-6, dark brown to dark grey brown, locally biotite rich - LAMPROPHYRE DYKE 80°		
628- 686	Light grey-green Mariposite-chlorite-carbonate-qu contorted schist with foliated pink metaSedimentary bands(?) & some late quartz-carbonate veining. R _x becomes less distorted by 656' where foliation is more consistent at 50° to CA.		
	EDH 686'		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE Aug 19/88 PAGE: 1 OF 4

HOLE NO. N-88-118 DIP -60° AZMIUTH 160° LOGGED BY A.D. Drummond / K. Rafter

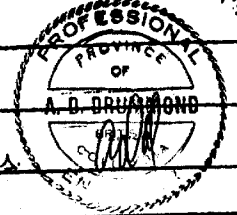
CORE SIZE BQ TOTAL FOOTAGE 801' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -52° @ 800' LOCATION: 23+00N, 34+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 16'

DRILL TIME: START Aug 14 FINISH Aug 16/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS 42 boxes



FOOTAGE	DESCRIPTION
0-16.0	casing
16.0-200	Tholeiite - light green, fi. gd. to aphanitic, non magnetic Mg-rich(?) tholeiitic metavolcanic flows. 16-56 variable sized pillowed tholeiitic flows locally finger pillows are broken - general alignment is 40° to CA. 56-116 non pillowed flows - py clots at 66' & 103' poss flow margin at 80' at 45° to CA. 116-118 flow margin with Au-carb - generally at 45° to CA 118-123 flow Breccia - nil to trace py. 123-145 flow 145-147 flow margin - brecciated 147-152 Flow 152-154 def ⁿ zone, chl-carb ± Au veining at 40-30° to CA. also probably margin of 154-200 f. m. gd. - Coarser tholeiitic flow 75° sharp.
200-265	"Contact Munro Fault Zone" Dk green grey chl Talc to Talc chl-carb schist. Fall generally at 45° Lamp dyke (P ₂₀₀) at 210.5 - 211.5 at 45° to CA. at 218 1/2" width pyritic at 40° to CA. Lamp (B ₁₀) at 228 dyke 2" at 40° to CA. Fault 235-236' - chl. slips + veining at 45° to CA Lamp. dyke (B ₁₀) at 237.5' - 2" at 40° to CA. Lamp dyke (") at 250-251' - at 50° to CA Lamp. dyke (b ₁₀) at 253.5 to 254.5' - at 50° to CA. intervening T/C schist. is contacted - i.e. part of deformation zone in to which lamp? or dykes have been intruded. 261-265 chl. slips + Au-carb veins down core ± 10° to CA. Fault - contact

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
265-341	<p>(Carbonatized Section)</p> <p>Pale green to grey Carbonate-mariposite-seriate-dylce textured um + schist as well as stockwork texture - folⁿ at 40° to CA when present. py content trace to v. low. Rx is hard H=5.5</p> <p>301-312 predominantly buff dylce with mariposite flakes.</p> <p>336-341 - in q. Talc - rx becomes darker green 50° sharp</p>	<p>265-270 3638</p> <p>270-275 3639</p> <p>275-280 3640</p> <p>280-285 3641</p> <p>285-290 3642</p> <p>290-295 3643</p> <p>295-300 3644</p> <p>300-305 3645</p> <p>305-310 3646</p> <p>310-315 3647</p> <p>315-320 3648</p> <p>320-325 3649</p> <p>325-330 3650</p> <p>330-335 3651</p> <p>335-341 3652</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>.002</p> <p>NIL</p> <p>.002/.002</p> <p>NIL</p> <p>NIL</p> <p>NIL</p> <p>NIL</p>
341-364	<p>Pink H=6. Syenite dylce - chilled margins are buff coloured with mariposite flakes while away from the margins. The rx is pink with chl^d - biotite flakes - mafic constitutes about 2-3% of rx. Qu-carb veining in brittle fracture pattern. Py content is NIL.</p>	<p>364-367 3653</p> <p>367-371 3654</p> <p>371-374 3655</p> <p>374-379 3656</p> <p>379-384 3657</p> <p>384-389 3658</p> <p>389-394 3659</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.005</p> <p>.002</p> <p>NIL</p> <p>NIL</p>
364-418	<p>40° sharp.</p> <p>Grey-green colour Carbonate Talc chl ± Mariposite grading to brighter green but still dull colour with Carbonate Mariposite seriate chl textured um + schist type. Talc</p> <p>Note 371-374 Dylce - Syenite as above at 30° to CA at 378' folⁿ 20 to 40° to CA. - trace py.</p> <p>388-407 - really a grey(dk) with abundant carbonization - with Talc(?) + SiO₂ as. H=6 (still). pyrite content is nil to trace.</p>	<p>364-367 3653</p> <p>367-371 3654</p> <p>371-374 3655</p> <p>374-379 3656</p> <p>379-384 3657</p> <p>384-389 3658</p> <p>389-394 3659</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p> <p>.005</p> <p>.002</p> <p>NIL</p> <p>NIL</p>
418-453	<p>50°(?)</p> <p>Predominantly foliated hard pinkish to pink buff with chl on foliation interspaced with contorted chl-carb ± Talc schist. Probably deformed dyke material (could include some lamprophyre? 30° (no apparent py))</p>		
453-517	<p>Chl Talc carb (Qu) schist to folⁿ textured um. locally brownish - harder but with spinifex texture</p> <p>468-469. chl carb fault zone. folⁿ + veining at 30° to CA. (Trace py)</p> <p>F- 495.5 to 497. gouge + chl. slips at 30°</p> <p>499. 3" gouge + chl. slips at 30°</p> <p>(Impression - 418' to 500' is a defⁿ zone with later movements)</p> <p>499-517' chl (Talc) carb schist. folⁿ at 40° more competent than above 499'</p> <p>60°(?) chl. slip surface</p>	<p>508-511 3660</p> <p>511-514 3661</p> <p>514-517 3662</p>	<p>NIL</p> <p>NIL</p> <p>NIL</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
517 - 522	<p>abrupt change. to carbonate-quartz-sericite - fine py to 5+% as in typical ^{gold} mineralized assemblage.</p> <p>H=6 - fine py is both disseminated in brownish to mauvesh matrix as well as in matrix to fine scale brecciation, late hauchie of grey ore from brittle fracturing - folⁿ well preserved. - 30°</p>	<p>517-519.5' 3663</p> <p>519.5-522 3664</p>	<p>{.50/.480} AV</p> <p>{.440/.450} 4675</p> <p>.820</p>
522 - 566	<p>Dk grey green chl Talc ± sericite carb (Au) Schist with 1-2% fine diss py + pyritic brg-carbonate bands (H=6) foliated but darker grey rather than pale brownish as in 517 to 522'</p> <p>(This section is akin to The Transition Zone mentioned in other drill logs) (Note: H is 4.5 - harder than usual)</p> <p>folⁿ is generally 30° to CA as is alignment of py in the schist.</p> <p>536 - 558 predominately carb-diss py H=5.5. folⁿ at 30° to CA py = 2-3+%</p>	<p>522-526 3665</p> <p>526-531 3666</p> <p>531-536 3667</p> <p>536-541 3668</p> <p>541-546 3669</p> <p>546-551 3670</p> <p>551-556 3671</p> <p>556-559 3672</p> <p>559-564 3673</p> <p>564-568 3674</p> <p>568-572 3675</p> <p>572-576.5 3676</p> <p>576.5-580 3677</p> <p>580-584 3678</p> <p>584-588 3679</p> <p>588-592 3680</p> <p>592-596 3681</p> <p>596-601 3705</p> <p>601-606 3682</p> <p>606-611 3683</p> <p>611-616 3684</p> <p>616-621 3685</p> <p>621-626 3686</p> <p>626-629 3687</p> <p>629-632.5 3688</p>	<p>.120</p> <p>.030</p> <p>.010</p> <p>.053/.076 AV .0625</p> <p>.020</p> <p>.040</p> <p>.060/.050 AV .055</p> <p>.060</p> <p>.015</p> <p>.010</p> <p>.010</p> <p>.005</p> <p>.010</p> <p>.015</p> <p>.020</p> <p>.015</p> <p>.005</p> <p>.010</p> <p>.005</p> <p>.010</p> <p>.005</p> <p>.030</p> <p>.010/.010</p> <p>.020</p> <p>.04</p> <p>.010</p> <p>.090</p> <p>.185/.190</p> <p>.135</p> <p>.145</p> <p>.030</p> <p>.005</p> <p>.005</p> <p>.005</p>
566 - 632.5	<p>at 566 Transitional Contact to bright green Mariposite - Carb - Au ± Ser ± chl. 1-3% diss py - locally interspaced with carbonate-py - coarse sericite mx. all of which has H=5.5, folⁿ still ~ 30° to CA. Sphirifer at 609 to 610'</p>	<p>596-601 3705</p> <p>601-606 3682</p> <p>606-611 3683</p> <p>611-616 3684</p> <p>616-621 3685</p> <p>621-626 3686</p> <p>626-629 3687</p> <p>629-632.5 3688</p>	<p>.005</p> <p>.010</p> <p>.005</p> <p>.010</p> <p>.005</p> <p>.030</p> <p>.010/.010</p> <p>.020</p>
632.5 - 652.5	<p>Same sequence as above except that Carbonatized - py mx predominates with 1-3% diss. py - folⁿ but not highly pyritic. Note section 648 to 651 - appears to be typical carb-qu-sericite diss py type.</p>	<p>632.5-636 3689</p> <p>636-639 3690</p> <p>639-642 3691</p> <p>642-645 3692</p> <p>645-648 3693</p> <p>648-651 3694</p> <p>651-656 3695</p> <p>656-661 3696</p> <p>661-666 3697</p> <p>666-669 3698</p>	<p>.04</p> <p>.010</p> <p>.090</p> <p>.185/.190</p> <p>.135</p> <p>.145</p> <p>.030</p> <p>.005</p> <p>.005</p> <p>.005</p>
652.5 - 682.5	<p>Mariposite carb Au ser. ± chl. - 1-3% py. with carbonatized - py horizons - minor sphirifer at 669' folⁿ at 30° to CA.</p> <p>by 670' Mariposite content decrease + chlorite increase. Some contortion of foliation which generally is at ~ 35° to CA. (end of pyritic section?)</p>	<p>682.5-686 3699</p> <p>686-689 3700</p> <p>689-692 3701</p> <p>692-695 3702</p> <p>695-698 3703</p> <p>698-701 3704</p>	<p>.04</p> <p>.010</p> <p>.090</p> <p>.185/.190</p> <p>.135</p> <p>.145</p> <p>.030</p> <p>.005</p> <p>.005</p> <p>.005</p>
682.5 - 697	<p>Appears to be a pinkish green (chl) sericite dyke with trace py - Au carb veining restricted to as if brittle fracturing. 50°</p>	<p>701-704 3705</p> <p>704-707 3706</p> <p>707-710 3707</p>	<p>.005</p> <p>.005</p> <p>.005</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
697 - 744.5	Dk dull grey green Talc chl carb schist. with crenulations and foliations to 30° to CA. pyrite content is trace, some soapstone Breccia type Fault at 718' 2" gouge at 45° to CA. 726-727' chl slips at 30° to CA. 46°	669-674 3699 674-678 3700 678-682.5 3701 682.5-686 3702 686-691 3703 691-697 3704	.020 .020/.020 .025 .070 .035 .085
744.5 - 781.5	Dyke F. gd. dark chl. bio syenite. uniformly grained with poss. scattered Ksp? phenos. - appears to have chilled margin - Contains scattered py grains - py content would be << 1%.		
781.5 - 801	Dk grey green - Soapstone breccia type as in 697 to 744.5' fol. at 45° to CA. 50°		
	ED.H. 801'		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE Aug 21/88 PAGE: 1 OF 2

HOLE NO. N 88-120 DIP -45° AZMIUTH 160° LOGGED BY A. Drummond

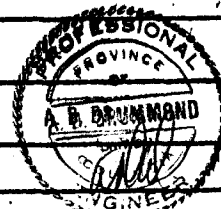
CORE SIZE BQ TOTAL FOOTAGE 356' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -39° @ 346' LOCATION: 2100N, 3600W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 40'

DRILL TIME: START Aug 17 FINISH Aug 18/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION			
0-39	Overburden - casing to 40'			
39-59	Komatiitic Metavolcanic flows. Pale to light yellowish green - chl - ser - talc (trace mantosite) carb - quartz schist + in places textured um with breccia type deformation texture. fal ^s at 60° to CA. nil py. Note LIMONITE on foliation surfaces to 59' depth.			
59-76	Dk green grey chl-talc-carb schist + soapstone breccia type texture. fal ^s strong at 70° to CA. Dyke Fgd dk greenish deep red type chl ^{ls} mafic at 70° to CA between 70 to 73' nil py. Fault 74 to 76' ^{70° fault} - probably at 70° to CA.	91-93	3739	.005
76-91	Dyke - Fgd dk greenish-deep red - chl ^{ls} mafic. nil py (as above at 70 to 73') dyke is locally broken, 2 feet ground at 84 to 86'	93-96	3740	.002
91-96	Fault 74 to 76' ^{70° fault} - probably at 70° to CA.	96-101	3741	.015/.005
96-120	Predominantly a dull grey sharp ^{30°} contact with more to light green chl (Talc) ser schist - contorted foliation to fal ^s at ~60° to CA. local spirifer texture preserved. by ~120' Mantosite is present. but decrease to trace by ~140' kink banding + kink minor folds are common. py content is trace	101-106	3742	.030
120-140		106-111	3743	.020
140-185	Beautiful coarse Spirifer texture at 153'-155' (Check An content 98 on -) 140-185 chl (ser) ± Talc carb schist. to chl Talc carb schist with	111-116	3744	.030
		116-121	3745	.010
		121-126	3746	.002
		126-131	3747	.002
		131-136	3748	.005
		136-141	3749	.002
		141-146	3750	.002/.002
		146-151	3751	.002
		151-156	3752	.002
		156-161	3753	NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>either short sections of meta sedimentary rocks or pinkish syenite (?) dykes - all parallel to foliation at 50° to CA. (occasional fine py but not continuous).</p> <p>Note: entire section will be assayed as 36 West is near possible boundary for west side of J.P. Zone Structural Domain.</p>	<p>161-166 3754 166-171 3755 171-176 3756 176-181 3757 181-186 3758 186-191 3915</p>	<p>.002 .002 .002 .002 NIL .002</p>
185 - 216.5	<p>Same schist texture but lighter green colour. chl (Talc) Ser carb schist. Foliation stronger, more uniform at 70° Occasional py area with lighter - more sericite band - py content overall is < 1%.</p> <p>D. in Metasch. 199-203 + 2055-207. Pinkish f. gd felsitic type Rx - could be either metased or Syenitic (?) dyke - nil py.</p>	<p>260-255 3759 255-260 3760 260-265 3761 265-270 3762 270-274 (py) 3763</p>	<p>NIL .002 .002/.002 NIL NIL/NIL</p>
216.5 - 250	<p>Hard f.-to m. (locally) gd rx - pink - chl² mafic. type Syenite (?) dyke - magnetic - foliation developing. Structure + chl developed but no Venising. < 1% diss. py</p>	<p>274-278 3764 278-282 3765 282-286 3766</p>	<p>.002 .010 NIL</p>
250 - 286	<p>Generally dk green chl (Talc) ± Ser - carb - schist. Note 252-257' dark brown carbonate replacement of UM - spinifex texture preserved. - no py. Scattered py in section 266 to 286. fol² at 40° to CA.</p>		
286 - 356	<p>Dk grey Talc chl carb. - breccia Soapstone type nil py fol² at 30 to 40° to CA. Rx becomes very blocky + broken 340 to 356'</p>		
	<p>ED.H. 356'</p> <p>Impression - the rocks + structure in this hole do not appear to directly correlate to those to the immediate east. Opinion: the main mineralized structure of the JP Zone was not intersected in this hole.</p> <p>Oct. 21/88 ADD.</p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE Aug 21, 1988 PAGE: 1 OF 3

HOLE NO. N 88-121 DIP -65° AZMIUTH 160° LOGGED BY A D Drummond

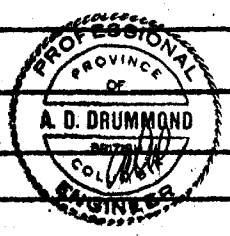
CORE SIZE BQ TOTAL FOOTAGE 606' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE -50.5@ 581' LOCATION: 21+00 N, 36+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 32'

DRILL TIME: START Aug 18 FINISH Aug 19/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS 31 boxes



FOOTAGE	DESCRIPTION		
0-32'	Overburden		
32-73	light grey-green (altered) Komatiitic metavolcanic flows - Talc ser mant chl-carbonate schist with interlayered buff-manganese floc 'dykes' foliation at 40° to CA poss. trace py LIMONITE on foliation planes to 66'		
73-125	transition 40° Dk grey - chl/talc schist - Soapstone BRX-type with 6" to 1 foot interlayered horizons of meta-sedimentary rx's (the latter may constitute a max of 5% of section). Fault 89-100' - alternating gouge + chl. slips at 50° to CA.	116-121	3767 .002
	100-125 chl Talc carb schist - Contorted. py occurs occasionally at ~ 120'	121-126	3768 .025/.040
	transitional 40°	126-131	3769 .005
125-181	Same rx - becomes light green textured UM with intervening schist of chl ser manganese ± talc carb & a general increase in disseminated py to about 1%. (Note - impression - py appears to be almost regional aspect rather than related to a specific structure).	131-136	3770 .002
	transitional 40° lighter colour becomes darker	136-141	3771 .002
	Dk grey green chl-talc-carb schist Foliation ± crenulated at 45 to 55° to CA	141-146	3772 .002
	182-190 predominantly a section of hard metaseds. or poss. dykes - foliated with irreg. contacts - all at 40-45° to CA occasional py only.	146-151	3773 .002
	transitional at 50°	151-156	3774 NIL
		156-161	3775 NIL
		161-166	3776 NIL
		166-171	3777 NIL
		171-176	3778 NIL
		176-181	3779 NIL
		181-186	3780 NIL
		186-191	3781 .002
		191-196	3782 NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
206-234	Section of alternating lt. green + dk green i.e. dk chl (Talc) carb ± ser. vs ltr chl ser ± Talc carb schist. foliation consistently at 50° to CA. very low py content < 1% (late chl filled fractures of hairline width ⊥ to fol ⁿ - as in hole N88-120) 50° sharp	276-281 3783 281-286 3784 286-291 3785 291-296 3786	.005 .002 .005 .005
234-305	Predominantly a section of chl ± mafic f. gd. reddish tinged syenite? dykes with up to 10% intervening chl/talc ± ser to chl ser ± Talc carb schist. py content in schist is ± nil but locally py content in dyke material is up to 1% finely disseminated - assay check 276 to 296. as this section appears to be hydrothermally altd + py is slightly more noticeable. 70° sharp - faint.		
305-321	Dk green chl ± Talc carb schist with some late development of sericite on foliation planes - fol ⁿ at 40° at 310 becoming 50° at 319' occasional py grains + locally possible pseudomorphs after glivine? 316.5'?		
321-381	This following rx unit is probably an Ultramafic but there is a sharp dec. in fol ⁿ , Rx is grey-green f.-gd (not aphanitic) + a mixture of chl Talc - carb as a x/ltr mass. - Contains < 1% diss py. - locally carbonate - (Au?) horizons occur which could be a flow margin(?) at 40 to 45° to CA. Classification - Basic Komatiitic flow(s) 40-30° carbonate veining - flow margin		
381-399	Dk. green almost aphanitic - chl ± Talc carb rx with some flow banding at ~ 40° at 393' Probably original Komatiitic flow - < 1% py overall.	401-406 3787 406-411 3788	.065 .060/.070
399-423	Same type of Komatiitic flow but Hz 6 - more grey than dk green 1-2% diss py. check for Au - test 401 to 411 30 to 40°		

Needs more assays.

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
423 - 438	Rock become Black - but remain hard H=5 (slightly less) nit to trace pyrite by 433' rx becomes very chloritic + deformed. 12. into a. chl - carb schist Fault 433' to 438' at 40° chl slips - 40°		
438 - 488	Dk grey foliated Talc-chlorite-carbonate schist (strong soapy feel) (nit to trace pyrite) foliation at 40° to CA. at 457' " " 60° to CA at 467' at 479' - poss. flow margin at 50° at 484' fol ⁿ at 30° to CA. at 488 " " 30° " "		
488 - 596	30° flow margin ?? or deformation boundary. Dk. black-green f. gd. Komatiitic flow which shows minute olivine xls by 495' which inc. in size ^{to} become 15% olivine xls in 85% black-green matrix of chl talc carb Olivine Peridotite cumulate phase flow(s). 519-523 1/2" fault down core at 50° to CA at 596' flow margin at 50° to CA. and end of olivine xls.		
596 - 606'	Dk grey foliated Talc-chl-carb schist (soapy) fol ⁿ at 40°		
	ED.H. 606'		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE Aug 23/88 PAGE: 1 OF 5

HOLE NO. N-88-122 DIP -70° AZMIUTH 160° LOGGED BY Ken Ruttee

CORE SIZE BQ TOTAL FOOTAGE 696' DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE acid -61.5 @ 696' LOCATION: 21700N ; 36700W
Sperry Sun -66° @ 596'

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 36

DRILL TIME: START Aug 19/88 FINISH Aug 23N/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS 35 boxes



FOOTAGE	DESCRIPTION
0-36.0	casing
36.0-40.0	Syenite Dyke - orangish-brown, altered, fine to medium grained, felsic, fractured with abundant, bullish-gtz. strgs., non-mag, py << 1% 39.0-40.0 - chl-gtz. schist, separates dykes, soft, foliated @ 35°, leading contact sharp @ ~15°, trailing contact along a tight chl-slip @ 25° @25°
40.0-47.5	Biotite Syenite Dyke - grey, medium-grained syen. with ~ 15% med. biot. flakes, cut by fine, felsic ribs, mag., py << 1% 45.0-46.0 - chl-carb-gtz. schist, leading contact lost in broken core, trailing contact sharp @ 13° @47.5 - sharp contact @ 23° @23°
47.5-62.5	Altered Komatiite - greyish-green, fractured, slightly foliated, chl-gtz. schist in places where foliation well developed, um flow texture evident in places, brecc. in places with gtz. cementing, non-mag., py < 1%, spinifer @ 58.0 @49.5 - fol'n @ 37° @62.5 - grades into a marip. schist as marip. & becomes evident & fol'n more well developed gradational

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
62.5-72.0	Chl-Mariposite - Carb-Qtz. Schist - greyish-green to green, foliated, H=4-5, looks like green-carbonate where mariposite dominates, well fractured (qtz.), mag. py < 1%, un flow texture evident in places @ 68.0 - fol'n @ 38° @ 72.0 - sharp, contact @ 10°		
72.0-78.0	Buff Dyke - pale greenish-grey, fine-grained, aphanitic with ~ 5% marip. flakes throughout, massive, H=4, py < 1% @ 78.0 - sharp contact @ 20°		
-100.0	Chl-Mariposite - Carb-Qtz. Schist - as described above, py < 1% 82.0-84.0 - buff dyke @ 40° @ 90.5 - fol'n @ 35° 94.3-96.0 - biot. syen. dyke or altered biot. rich metased. band, fine-grained, slightly foliated, biot. rich material, leading contact @ 31°, trailing contact @ 30° @ 100.0 - grades into a chl-talc soapstone schist as mariposite decreases + talc-chl. increases gradational		
100.0 - 110.0	Chl-Talc-Qtz. Schist - dark grey, foliated to brecciated, talcose soapstone, brecc. in places with dark grey fragments cemented by qtz., soft (H=3), py < 1% @ 104.0 - chl. FLT @ 25°, in highly chloritized g.c. @ 109.0 - fol'n @ 26° @ 110.0 - sharp contact @ 41°		
113.0	Biot. Syenite Dyke - grey, fine to medium-grained syen with ~ 10% med. biot flakes, mag., py < 1% @ 113.0 - sharp contact @ 30°, 1/4" chill margin @ 30°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
113.0-276	<p>Chl-Talc-Qtz. Schist - as described above</p> <p>113.0-117.0 - soapstone schist brecc. with qtz cementing @ 118.0 - Fol'n @ 26°</p> <p>120.0-130.0 - Major Chl-Qtz. BRK - characterized by 10.0' of soft chl-qtz. gorge with chl. mud 120.0-126.0, 128.0-130.0, driller indicates 3.0' Lost Core @ 126.0, appears to be @ 20°</p>	126.0-130.0	3789 .005
	<p>130.0-130.7 - immediately following FLT is a 0.7' section of highly altered, grey, silicified-carbonitized pyritized, qtz. fractured interval, ~7-9% fine py, looks like less altered "syn. track" ore material, caught up in FLT</p>	130.0-130.7	<p>3790 } .61/.62 } .52/.58 av. 0.58</p>
	<p>130.7-134.0 - back into highly foliated chl-talc-qtz. schist, Fol'n @ 27°, Py to 1%, altd komatiite faulted 133-135 @ 20° chlorite.</p>	130.7-134.0	3791 .010
	<p>138-144 - Talc schist breccia, fold 30°, black.</p>	134-138	3792 NIL
	<p>144-202 Talc-Chlorite schist to Chlorite talc schist.</p>	138-144	3793 .002
	<p>from alt of Komatiite, locally calc. H ~ 4-5, contains wisps of dyke.</p>	144-148	3794 NIL
	<p>151-154 - slightly harder, brownish and increase to 1% pyrite.</p>	148-151	3795 NIL
	<p>156' is 6" brown f.g. porph dyke frag, irreg contacts, also at 160' - purplish brown, and 166' purple. these are finely porphyritic.</p>	151-154	3796 NIL
	<p>171-172.5' - distorted purple dyke frag. - bi-syn. fractured and faulted 172.5-178 @ 25° // foln.</p>	154-159	3797 .005
	<p>minor qtz & qtz carb. inlets cutting at 177, 185-187.</p>	159-164	3798 .002
	<p>188-193 - CORE GROUND. - fragments of quartz, syenite and frags with 1% py.</p>	164-169	3799 NIL
	<p>202-206; Sy Dyke, med f.g. dark, grey to orange finely porphyritic, fine qtz stockwork, py < 1%, Tr cpy, H 6 1/2 mag.</p>	169-174	3800 NIL
	<p>206-215 Chl-Talc schist, locally qtz rich fol'd & distorted py to 1%, Au < 1%, minor sericite. pln 35°-40°</p>	174-179	3801 NIL
	<p>215-222 - Syenite dyke, light tan, cut by qtz stockwork, biotites altd to chlorite, py < 1%, mag, H 6 1/2, locally sects by T-C schist, sheared.</p>	179-184	3802 NIL
		184-188	3803 NIL
		188-196*	3804 NIL
		196-202	3805 NIL
		202-206	3806 NIL
		206-210	3807 NIL
		210-215	3808 NIL
		215-222	3809 .055/.060

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>223-224 - Biotite Syenite dyke - purple H ~ 5 1/2-6, fol'd 40° non-mag. to py.</p> <p>224-276 Talc-Chlorite schist, weakly mag., brzd, black Py < 1%, weakly calc, frequently distorted, sheared/fault chloritic 229-233 at 40°</p> <p>Major fault zone - 240-266, local gtz veinlets ± carb 256 - 4' core ground and Syenite wisps; Py < 1% 265 - 5' core ground</p> <p>gouge at 241-242 - chlorite + clay. 245-248 - chloritic + clay shears. 255-256 - chloritic @ 30° 256-265 - rubble ~ 40° ~ 265-266 - clay with gtz pebbles</p> <p>gradational contact over 6", // to foln @ 50° bleaching to light green 50°</p>	<p>222-226</p>	<p>3861 .002</p>
<p>276-369</p>	<p>Quartz-Chlorite-Mariposite-(Sericite) Schist, light green to olive green, well fol'd, py < 1%, v. weakly calc, non-mag. Beige and grey dykes fragments, included as fine thin wisps with up to 1% py. H ~ 5-6.</p> <p>287.5 - 291 - fragments of grey, siliceous dyke with > 50% gtz veins + stockwork. Py < 1%. H ~ 6 1/2'</p> <p>folns 281' @ 30° 305' @ 30° 319' @ 40° 330' @ 30°</p> <p>frequent fragments of apple green alt'd Komatiite and fragments of spinifex text'd Kom.</p> <p>322-336 gradual darkening to a Qtz-Chl-(Marip) (Ser) schist of stretched Komat. fragments -</p> <p>336-351 - lighter green, more massive alt'd Kom, locally soapy, faint spinifex text locally.</p> <p>351-369 - dark green to grey and brown alt'd Kom, caught up in fault, elongated // to fault @ 40°, some rounded fragments.</p>	<p>276-281 281-286 286-291 291-296 296-301 301-306 306-311 311-316</p>	<p>3810 NIL 3811 NIL 3812 NIL 3813 .005 3814 .002 3815 NIL 3816 .002 3817 NIL</p>
<p>369-696</p>	<p>Massive black peridotite, altered silt? massive & soft foliated calc intervals, all magnetic, upper interval brzd & broken - 4' core lost at 374', 393' fol'd @ 35°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>- strongly magnetic 375-393. Then weaker as in hole N88-121</p> <p>379' - calc veinlet - 2" with vugs, & hematite after pyrite cubes.</p> <p>396-412 light grey fg interval (flow), $\frac{35^\circ}{\text{Py} + \text{cpy}}$ & dolomite $\bar{\text{E}}$ Py & cpy in vuggy intervals 396-401. non-calc, chlorites, non-mag. lower contact silicified, gradational $\bar{\text{d}}$ 40°, Py $\bar{\text{c}}$ 1%.</p> <p>415 - possible flow-margin calc, $\bar{\text{d}}$ 60°, white 2"</p> <p>415-451 - weakly mag. intervals, calcareous.</p> <p>451-452 - flow margin, calc $\bar{\text{d}}$ 40°</p> <p>452-474 - olivine peridotite, weakly mag, calc. clusters to 1/2"</p> <p>474-590 strongly magnetic calc, leucostole, massive.</p> <p>477 - shear 6" $\bar{\text{d}}$ 40°</p> <p>515-516 & 519-522 - shear/fault $\bar{\text{d}}$ 20°-25° - possibly flow margin $\bar{\text{d}}$ 20°.</p> <p>535-536 - shear // flow top $\bar{\text{d}}$ 25°.</p> <p>536 - olivine peridotite - 1/2" clusters.</p> <p>596-597 flow top $\bar{\text{d}}$ 60° - 10" lt grey</p> <p>602-604 - sheared $\bar{\text{d}}$ 65°</p> <p>607-615 fract id at 65°.</p> <p>609-610.5 flow top, lt grey, porph, bnd. $\bar{\text{d}}$ 60°</p> <p>618-619, sheared $\bar{\text{d}}$ 50°</p> <p>625.5-626. shear/gouge at 45°.</p> <p>590-696 - non mag to weakly mag, generally calc.</p> <p>689-691 - flow top, fold 55 - slight inc in Py 650-670 on part faces. $\bar{\text{t}}$ 1/8" thick.</p>		
696	end of hole		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISON

DATE August 26th, 1988 PAGE: 1 OF 4

HOLE NO. N88-127 DIP -45° AZMIUTH 160° LOGGED BY M.H. SANGUINETTI

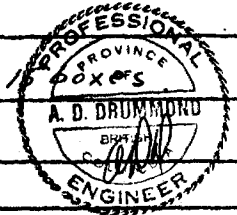
CORE SIZE BQ TOTAL FOOTAGE 306 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 300' @ -43.5° LOCATION: 21+00N ; 33+00W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 14'

DRILL TIME: START Aug 24/88 FINISH Aug 25/88. MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION		
0-12.5	Overburden		
12.5-97.5	Quartz-Chlorite-Muscovite-(Sericite) schist, light green, apple green, grey/emerald and dull dark green, well foliated. H ~ 5, occ v. weak calc. non-mag. Py ~ 1% fine euhed generally along folia planes. contains segments of buff and light olive green "dykes" and grey fragments of quartz; - purple "frag" with buff margins 8" at 48'. limonite on fractures from surf to 92'. 71' - 6" segment of 2"-3" grey of vein contains v. fine sulphides and muscovite flakes - sub//CA. folia 16' - 45°, thin pyrophyll. 35' - 40° 51' - 40° 67' - 50° 78 - 45° 91' - 50° - mic py on selvages.	12.5-16 16-21 21-26 26-31 31-36 36-41 41-46 46-51 51-56 56-61 61-66 66-71 71-76 76-81 81-86 86-92.5 92.5-95 95-97.5	3818 .020/.025 3819 .005 3820 .002 3821 NIL 3822 NIL 3823 .002 3824 .005 3825 .005 3826 NIL 3827 NIL 3828 .002 3829 NIL 3830 .005 3831 .002 3832 .002 3833 .005 3834 .030 3835 .030
92.5-95	light pinky grey Quartz (porphyry) dyke, ghosts of feldspar phenos - textured as meta vol, Pyr 1%, 2 stages of stockwork, chlorite, non-mag. H ~ 7; 50°		
95-96.6	dull green Q-C schist fol'd 40°, wisps of tan & UM mixed, py < 1%, 1" pc of dyke as above at 96. 50°		
96.6-97.5	tan and purpley-grey, sil'd frag as "Syt" Py 1-2%, fine of stockwork, lower contact abrupt. chlorite biot. H 6 1/2-7. 40° 90°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
97.5-169	<p>Talc-Chlorite (Quartz) Schist, locally soapstone, dark greenish grey to dark green. fol'd & kink bandd. H ~ 4, weakly mag., local UM textures, fine py < 1%.</p> <p>101-106 - 5' core ground, fragments of TC schist, g⁺ vein and orange-brn syenite dyke > pyritized with g⁺ stockwork. *sample 97.5-106 - 3 recovered.</p> <p>107-108 - sheared/gouge @ 60°, folns @ 25°</p> <p>110-116 - 4' core ground - fault zone, minor clay gouge & rubble, chloritic, frags of bi-sy. dyke.</p> <p>116-118 - fol'd @ 60°, wisps of bi-sy. or sad? kinked and stg fldg. py < 1%, weak mag.</p> <p>118-124 - mostly brown syenite dyke with quartz stockwork, py < 1% and T-C schist, fol' 50°, * 2' core ground - short sample.</p> <p>Fault zone 110-131 - chloritic and clay gouge, gouge 126-129, with frags of Sy dyke. @ 70°</p> <p>131-169 - talc (chlorite) to Soapstone breccia foliated 50° @ 145° 50° @ 165°, showing frag UM text. & spinifer in Py, weakly mag.</p> <p>164-166 - fault zone, 2" clay gouge. & rubble.</p> <p>149. 4" bi-sy dyke frag.</p>	<p>97.5-106[*]</p> <p>118-122</p> <p>122-126[*]</p> <p>169-172</p> <p>172-176</p>	<p>3836 .005</p> <p>3837 NIL</p> <p>3838 NIL</p> <p>3839 .065</p> <p>3840 .080/.085</p>
169-176	<p>Maroon-Grey basic flow - altd, carb, sericitized locally chloritic, H ~ 5 1/2, fine py 1-2%. shows deformation fabric, minor fine white g⁺ stockwork, magnetite lower contact brecc. chloritic/talcoso. bleached. rock appears as a syenite dyke.</p>	<p>30°</p> <p>169-172</p> <p>172-176</p>	<p>3839 .065</p> <p>3840 .080/.085</p>
176-194	<p>Quartz-talc-Chlorite Schist - dark green to black varying to medium green to light brown/olive green schist. foliated & brecciated white g⁺ stockwork, 40°</p> <p>Interbanded with tan and purple grey altd. units,</p> <p>180-181.5 - grey-brn bi-sy unit, py < 1%.</p> <p>182-183 - lt tan, minor g⁺ stockwork, fine py ~ 1%.</p> <p>184.8-187.1 - pinky grey, v.f.g. 'dyke' minor g⁺ stockwork, bleached lower contact, Py fine ~ 5%.</p> <p>187.1-187.5 - fault gouge @ 60° - chloritic.</p>	<p>45°</p> <p>176-181</p> <p>181-185</p> <p>185-190</p> <p>190-194</p>	<p>3841 .040</p> <p>3842 .010</p> <p>3843 .005</p> <p>3844 .005</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
187.5-194	C-T-(Q) schist becoming lighter Py < 1% - UM fragments and spinifex at 188-190. Transitional change.		
	45°	194-198	3845.002
194-201	Transition Zone - Quartz-Chlorite schist, light live green, minor quartz veins, occ. grey sect of (S) "Sy. T.", foliated - deformation text'd., sericitic, Pg 0.5 to 1% locally on bands, fol'd @ 45°	198-201	3846.065
	45°	201-204.5	3847.315/345 .307/345 (av. .3275)
201-204.5	"Syenite trachyte" zone, foliated @ 45°-50°, light buff coloured with streaks of light purple grey; pyrite 1-3%; fine arsenopyrite in narrow bands at 203-204.5. exhibits deformation fabric, fine sericitic bands, 2 stages of thin qtz stockwork.		
	40°	204.5-207	3848.015
204.5-207	Transition zone Q-Chl-Ser Schist, light tan, live green, becoming a Q-Ch-Merposite schist by 207, v. weak calc. H ~ 5 1/2 - 6, Bands of 2"-4" of yellowish sericitic, pyrite to 3% Q-Ser schist, minor thin qtz bands of grey qtz-py. foliated 50°.		
	40°	207-212	3849.155
207-262	Quartz-Chlorite-Merposite schist, locally sericitic, light apple green to emerald green; H ~ 5-6; Py < 1%, non-mag, v. weak calc. - decreasing merposite from foln 210 @ 40° 245 to 262 - becomes Qtz-Chl 236 @ 35° schist locally sericitic. 254 @ 40° becoming brecciated by 250' but still foliated. contains frequent fragments and intervals of tan, fine grained "dykes", generally with foliated merposite, and increased py. conformable. 234 pinkish qtz vein 8" with white 246-248 white qtz veining with salmon coloured feldspar & white carbonate, at mag 2's. minor amounts of frags or intervals with UM textures. occ. spinifex.	212-216 216-221 221-226 226-231 231-236 236-241 241-246 246-251 251-256 256-262	3850.130 3851.190/165 3852.055 3853.100 3854.065 3855.005 3856.020 3857.010 3858 NIL 3859.002
	40°		
	contact transitional over 3'.		

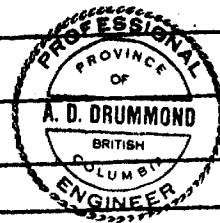
FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
262-292	<p>Talc-Chlorite-(Quartz) Schist, dark grey, v. weak mag., non-calc, Tr. Py, well fol'd and containing frequent dark green, dark grey or black aucts of alt'd UM, some with spinifex, all talcose, H=4 1/2. Brossia frags of dyke/sels, commonly pyritic, bedded or styg, occur throughout, most show swirls/deformation fabric or flow text.</p> <p>fol'd 270 @ 40° 279 @ 50°</p> <p>287-291 - compact tight shearing/ faults at 30°-50° with hematitic pink coloration on faces, spaced 1/2"-6" apart, minor py Xals or clusters to 1/4".</p>	262-266	3860 NIL
292-306	<p>Quartz-Chlorite-Mauroposite (Sericite) Schist, light green to apple green, frequent tan inclusions of more siliceous H=6 1/2 material. These are usually assoc with white, pink or grey qtz + magnesite veinlets.</p> <p>Py tr to <1% , frags often exhibit text of UM.</p> <p>foliated at 50° - at 293' 60° at 305'.</p>		
306	End of hole.		

DIAMOND DRILL LOG

T.&H. RESOURCES LTD.

PROPERTY NEWFIELD TOWNSHIP GARRISONDATE AUGUST 27, 1988 PAGE: 1 OF 8HOLE NO. N-88-128 DIP -45° AZMIUTH 160° LOGGED BY Ken RotherCORE SIZE BQ TOTAL FOOTAGE 396' DIP TEST: YES/NODIP FOOTAGE AND DEGREE 396' @ -43.5° LOCATION: 22+00N ; 33+00WCASING LEFT IN HOLE: YES/NO CASING FOOTAGE 36'DRILL TIME: START Aug 25 FINISH Aug 26 MECHANICAL TIME _____

MISCELLANEOUS PROBLEMS _____



FOOTAGE	DESCRIPTION
0.0-36.0	- casing
36.0-42.5	Feldspar Porphyry - greenish-grey, ~10% med → coarse grained, euhedral feld. in a fine-grained, felsic matrix, py 44%, H=6, non-mag. @42.5 - contact lost in ground & broken core
42.5-52.0	Altered Komatiite - dark greenish-grey, fine-grained komatiite, um flow texture evident in places with spinifex & cumulate texture in places, somewhat fractured, non-foliated, H=4, non-mag, py < 1% @47.0 - spinifex texture @52.0 - sharp contact @ 50°
52.0-65.0	Biotite Syenite - dark grey to altered, pinkish-grey, fine to med. grained, syen. material with ~5% biot. flakes, locally mag., py < 1%, H=6 55.5-57.0 - chl-qtz. schist - um becomes foliated in caught-up fragment or fingering of dyke, leading contact @ 45°, trailing contact @ 55° @65.0 - sharp contact @ 45°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
65.0-67.5	Chl-Qtz- \pm Mariposite \pm Talc Schist - Foliated, pale to dark grayish-green, abundant qtz-filled fractures, un flow texture evident in places, py < 1%, H=3-4, non-mag. @ 67.5 - sharp, contact @ 46°		
67.5-70.5	Buff Dyke - pale grey, altered, fine-grained, aphanitic material, sericitized, H=6.5, non-mag, py < 1% @ 70.5 - sharp, contact @ 81°		
70.5-91.2	Chl-Qtz- \pm Mariposite \pm Talc Schist - as described above @ 72.0 - fol'n @ 60° 74.5-75.0 - buff dike @ 30° 75.5-76.0 - buff dyke with minor mariposite flakes, leading contact @ 64°, trailing contact @ 50° 77.0-78.5 - buff dyke, leading contact @ 60°, trailing contact @ 30° @ 85.0 - Fol'n @ 45° 88.5-90.5 - ground & broken core, with 1.0' of Lost Core, indicative of chl. FLT as evident by highly chloritized, muddy gouge, no core angle evident 90.5-91.2 - biot. lamp dyke @ 35°, fine-grained, massive		
91.2-116.0	Chl-Talc-Qtz. Schist Breccia - weakly foliated to brecciated with rounded, dark greenish-grey, kornatite fragments cemented by hairline qtz. or matrix, soft (H=3-3.5), non-mag., py < 1% @ 92.0 - fol'n @ 44° 99.5-101.5 - chl. FLT - characterized by 2.0' of ground & broken core, with several, muddy gouge intervals in this section, appears @ 51°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	@102.5- chl. FLT @ 35°, 1/2" chl. mud gouge 105.0-106.0- grey, fine-grained syen. dyke or metased. band @ ~30° @109.5- chl. FLT @ 35°, 1/2" chl. mud gouge @110.0 - chl. FLT @ 42°, 3/4" chl. mud gouge @116.0 - sharp contact @ 40° @40°		
116.0-126.0	Syenite Dyke - grey, fresh, fine-grained, homogenous - looking, minor biot. flakes, H=6, mag., fine py < 1% @126.0 - sharp contact @ 46° @46°		
126.0-170.0	Chl-Mariposite - Carb-Qtz ± Sericite Schist - foliated, green carbonate looking, emerald green where mariposite dominates, abundant qtz. fracturing, buff sericite rich sections, H=4.5, non-mag., py < 1% except where noted 127.3-128.0 - grey, syenite dyke, 1-2% fine py, leading contact @ 53°, trailing contact @ 61° @131.5 - fol'n @ 41° 132.0-133.0 - grey, fine-grained, buff dyke, minor chl. flakes, ~1% fine py, @47° * 135.0-136.0 - grey, silicified, carbonitized, "Syenite Trachyte" section, texturally crushed, H=6.5, sulf. rich with ~ 3-5% very fine py, leading contact @ 50°, trailing contact @ 44° 137.0-141.0 - pale greenish-brown, sericite, silicified section, where silicification dominates appears similar to "syen. trach", ~1% fine py @143.0 - fol'n @ 31° 154.5-156.0 - greenish-brown, sericitized, altered buff or biot. syen. dyke, with biot altered ⇒ mariposite?, leading contact @ 30°, trailing contact @ 25°, fine py ~ 1% @156.3- 2" greenish-brown band as above @ 31°, ~3-5% coarse, euhedral py	126.0-128.0 128.0-131.0 131.0-135.0 135.0-136.0 136.0-138.5 138.5-141.0 141.0-145.5 145.5-150.0 150.0-154.5 154.5-156.5 156.5-160.0	CH. 3862 .005 3863 .002 3864 .09 3865 .145/180 3866 .425/43 3867 .085 3868 .015 3869 .020 3870 .020 3871 .035 > 3872 .020

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	@ 159.5 - spinifex texture @ 169.0 - Fol'n @ 42° @ 170.0 - sharp contact @ 36° @ 36°	160.0-165.0 165.0-170.0	3873 .020 3874 NIL
170.0-174.0	Buff Dyke - buff, greenish-grey, fine-grained, highly altered, sericitized, carbonitized, minor mariposite flakes, H ₂ O, non-mag., ~1% fine py @ 171.0 - 2" grey qtz. strgn. @ 45° @ 174.0 - sharp contact @ 35° @ 35°	170.0-174.0	3875 .020
174.0-177.5	Chl - Mariposite - Carb - Qtz. - ± Sericite Schist - as described initially, foliation deformed in places, cut by bands of buff dyke material up to 2" thick @ 175.5 - Fol'n @ 42° @ 177.5 - sharp contact @ 62° @ 62°	174.0-177.5	3876 NIL
177.5-180.5	Buff Dyke - Fine-grained, highly altered dyke similar to as described above with biot. altered to mariposite (where alteration strong) much more prominent than above, py < 1% @ 180.5 - sharp contact @ 34° @ 34°	177.5-180.5	3877 NIL
180.5-215.5	Chl - Mariposite - Carb - Qtz. - ± Sericite Schist - as described above, py < 1% @ 182.5 - 2" grey qtz. strgn. @ 35°, py < 1% * 183.0 - 183.7 - grey, highly altered, silicified, carbonitized, sericitized, "Syenite Trachyte" section, texturally crushed, ~5-7% fine py, one possible speck of V.G. ??, leading contact lost in g.c., trailing contact sharp @ 39° @ 190.0 - Fol'n @ 42° 193.5 - 194.5 - pale greenish-brown, buff dyke with minor mariposite flakes, leading contact @ 25°, trailing contact @ 41°	180.5-183.0 183.0-184.0 184.0-186.0 186.0-188.0 188.0-193.0 193.0-194.5 194.5-198.5 198.5-202.0	3878 .040 3879 .015/.025 3880 .005 3881 .015 3882 .005 3883 .002 3884 .002 3885 .040

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	* 203.0-203.3 - 4" grey, highly altered, "Syenite Trachyte" band, with sharp contacts with schist @ 30°, ~3-5% very fine py	202.0-203.5	3886 .002
	* 205.0-206.3 - 1.3' grey, highly altered, silicified, sericitized, carbonitized, "Syenite Trachyte", texturally crushed, abundant grey qtz. fracturing, ~3-5% very fine py, leading contact @ 30°, trailing contact @ 53°	203.5-205.0 205.0-207.0	3887 .045/.045 3888 .002
	@ 205.9 - 2.5" grey qtz. Vn. @ 39°		
	@ 210.5 - fol'n @ 49°	207.0-210.0	3889 .002
	211.0-212.0 - greyish-brown, biot. syen. or biot. metased. band, non-mag, py < 1%, leading contact @ 50°, trailing contact @ 40°	210.0-212.0	3890 .002
	@ 215.5 - grades into a chl-talc-qtz. schist as mariposite-sericite decreases + talc increases transitional	212.0-215.5	3891 .020
215.5-236.6	Chl-Talc-Qtz. Schist - foliated to locally brecc., soft, talcosy (H=3), locally a soapstone breccia with dark greyish-green fragments, dark greenish-grey where foliated, foliation very deformed in places with swirls + boudins, ~1% fine py	215.5-219.0 219.0-222.0	3892 NIL 3893 NIL
	219.2-220.1 - fol'n highly deformed		
	221.5-222.0 - somewhat brecc.	222.0-226.0	3894 .002
	226.5-228.0 - brown, qtz. fractured, syen. dyke, contacts @ 30°, py < 1%, mag.	226.0-231.0	3895 NIL
	@ 232.5-3.0' Lost, ground core with muddy, chl. chips indicative of chl. FLT, no core angle apparent	231.0-236.0	3896 .002
	@ 236.0 - fol'n @ 50°		
	@ 236.5 - sharp contact @ 60° @ 60°		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
236.5-260.0	<p>Altered Metasediment - greyish-brown, fine-grained, possible siltstone?, qtz. - fractured locally, locally coarser-grained & biot. rich, weak foliation developed in places, non-mag., no evidence of crystalline texture as in syen., H=6, ~1-2% fine py</p> <p>@240.0 - g.c., no evidence of significant structure</p> <p>242.5-245.5 - 3.0' Lost, ground core with muddy, chl chips indicative of chl. FLT, no core angle apparent</p> <p>@247.0 - fol'n @ 53°</p> <p>247.5-251.5 - 2-3% fine py</p> <p>251.5-253.0 - 3-5% fine py</p> <p>@254.0 - fol'n @ 42°</p> <p>256.5-257.2 - brown, syen. dyke, mag., ~2-3% fine py</p> <p>@260.0 - sharp contact @ 30°</p>	<p>236.0-241.0</p> <p>241.0-245.5</p> <p>245.5-247.5</p> <p>247.5-250.0</p> <p>250.0-253.0</p> <p>253.0-256.0</p> <p>256.0-260.0</p>	<p>3897 NIL</p> <p>.460/470</p> <p>3898 .52/.56 w. .502</p> <p>3899 .245</p> <p>3900 .275/.300</p> <p>3901 .60/.50</p> <p>3902 .080</p> <p>3903 .105</p>
260.0-280.5	<p>Chl - Qtz - ± Talc Schist - foliated, greenish-grey, abundant qtz. fracturing, foliation highly deformed in places with swirl & boudins of qtz., H=3-4, soft where talc evident, non-mag.,</p> <p>260.0-267.0 - 1-2% fine py</p> <p>@261.5 - fol'n @ 61°</p> <p>266.0-266.7 - greyish-brown, highly qtz. fractured, buff dyke, ~1% fine py, 3" dyke @ flat angle to core ∴ dyke evident along 0.7' length</p> <p>272.5-274.0 - ground & broken core with highly chloritized, muddy core fragment evident of str. chl. FLT, appears to be @ 25°</p> <p>@276.0 - fol'n @ 28°</p> <p>@280.5 - sharp contact @ 12°</p>	<p>260.0-263.0</p> <p>263.0-266.0</p>	<p>3904 .045</p> <p>3905 .095</p>
280.5-285.5	<p>Biotite Syenite - brownish-grey, fine to medium grained, with ~5% medium-grained, biot. flakes, locally conc., in a felsic matrix, slightly mag., H=5, fine py < 1%</p> <p>@285.5 - sharp contact @ 43°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
285.5-313.5	<p>Talc-Chl-Qtz. Schist - foliated to locally brecc., dark greenish-grey, soft (talcos), H=3, soapstone type schist, locally slightly magnetic, very fine py < 1%</p> <p>@286.0 - fol'n @ 46°</p> <p>@288.0 - chl. FLT @ 38°, in g.c.</p> <p>@298.5 - fol'n @ 53°</p> <p>301.5-303.0 - brownish-grey, syen. porph. dyke, mag., H=5, fine py < 1%, leading contact @ 35°, trailing contact @ 47°, ~ 20% med. grained feld. phen's in a fine-grained, felsic matrix</p> <p>307.5-309.5 - greyish-brown, feld. porph. dyke, py < 1%, leading contact @ 80°, trailing contact @ 18°</p> <p>@313.5 - sharp, irregular contact @ moderate angle TCA</p>		
313.5-318.5	<p>Feldspar Porphyry Dyke - brown, altered with the occasional feld. pheno evident, original texture probably somewhat crushed, locally slightly mag., H=6, 3-5% fine py</p> <p>@318.5 - sharp contact @ 39°</p>	313.5-318.5	3906.002
318.5-349.5	<p>Chl-Talc-Qtz. Schist - as described above with chl. dominating over schist, some um flow texture evident in places, py < 1%</p> <p>@321.5 - fol'n @ 50°</p> <p>322.0-323.0 - str. chl. FLT @ 27°, with a 1.0' chl. mud gouge with minor caught up gtz. fragments</p> <p>331.5-334.0 - str. chl. FLT @ ~ 30°, with a 2.5' chl. mud gouge in g.c. driller indicates 1.0' of Lost Core in this interval</p> <p>@336.0 - fol'n @ 60°</p> <p>344.0-345.5 - 1.5' white bull gtz. Vn. with leading contact @ 52°, trailing contact @ 55°</p> <p>345.5-349.5 - schist cut by numerous brown, altered, syen or metased bands which show fine py up to 5%</p>	<p>345.0-347.0</p> <p>347.0-349.5</p>	<p>3907.005</p> <p>3908.020</p>

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
349.5-361.5	<p>@ 349.5 - grades into an altered, komatiite transitional</p> <p>Altered Komatiite - original komatiite becomes evident as chl-talc sharply decreases, somewhat sericitized, brown, spinifer evident in places, foliation evident in places, non-mag, H=5, 2-3% fine py</p> <p>351.0-352.5 - 5-7% fine py</p> <p>@ 361.0 - fol'n @ 55°</p> <p>@ 361.5 - sharp contact @ 69°</p>	<p>349.5-352.5</p> <p>352.5-355.5</p> <p>355.5-358.0</p> <p>358.0-361.0</p> <p>361.0-363.0</p>	<p>3909 .130/.115</p> <p>3910 .06</p> <p>3911 .025</p> <p>3912 .065</p> <p>3913 .030</p>
361.5-	<p>Chl-Talc-Qtz. Schist - dark greenish-grey, foliated, soft, H=3, chl dominates over talc, some un flow texture evident in places, locally mag.</p> <p>361.5-372.0 - ~1-2% fine py</p> <p>363.5-364.0 - altered komatiite band as chl-talc becomes negligible, leading contact sharp @ 59°, trailing contact @ 82°, 3-5% fine py</p> <p>370.0-371.0 - purplish grey, fine-grained, massive syen dyke? or metasand band?, contacts @ 55°, py < 1%</p> <p>@ 372.5 - chl. FLT @ 49°, 1/2" soft chl. mud gouge with minor qtz. fragments</p> <p>@ 375.0 - chl. FLT @ 20°, chl. mud gouge in g.c.</p> <p>@ 379.5 - fol'n @ 40°</p> <p>386.0-387.0 - brown, biot syen dyke, contacts @ 35°, mag. py < 1%</p>	<p>363-365</p> <p>365-368</p> <p>368-372</p>	<p>3949 .040</p> <p>3950 .015</p> <p>3951 .020</p>
	<p>@ 396.0 - <u>END OF HOLE</u></p>		

DIAMOND DRILL LOG

COASTORO RESOURCES LTD.

PROPERTY Newfield TOWNSHIP Garrison

DATE Aug. 14/88 PAGE: 1 OF 8

HOLE NO. N-88-136 DIP -40° AZMIUTH 160° LOGGED BY Ken Ratter

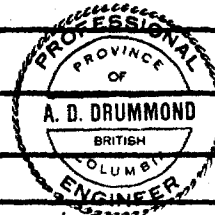
CORE SIZE 80 TOTAL FOOTAGE 451.0 DIP TEST: YES/NO

DIP FOOTAGE AND DEGREE 37° @ 450' LOCATION: 22 N, 32+00 W

CASING LEFT IN HOLE: YES/NO CASING FOOTAGE 30'

DRILL TIME: START Aug. 11/88 FINISH Aug. 11/88 MECHANICAL TIME

MISCELLANEOUS PROBLEMS



FOOTAGE	DESCRIPTION
0-30.0	casing
30.0-34.0	Biotite Metasediment - dark grey, weakly foliated, fine-grained, abundant fine biot. flakes, H=5, locally slightly magnetic, ~1% fine to med. py @ 32.5 - fol'n @ 50° @ 34.0 - sharp contact @ 79°
34.0-51.0	Chl-Talc-Qtz Schist - dark grey, weakly foliated, soft (H=3-4), non-mag, ~1% fine py @ 37.0 - fol'n @ 33° @ 43.0 - chl. FLT @ 60°, 1/4" chl mud gouge @ 45.2 - str. chl. FLT @ 65°, 1/2" chl. mud gouge @ 50.0 - fol'n @ 42° 50.8-51.2 - contact along chl. BRK @ 60°, 0.4' chl. mud gouge with caught up qtz. fragments
51.0-56.5	Chl-Qtz ± Mariposite Schist - foliated, greyish-green, abundant qtz. fracturing, H=4-5, non-mag, un flow texture evident in places, fine py < 1% @ 55.5 - cumulate texture evident 55.7-56.2 - g.c., abundant chl. mud indicates a str. chl. FLT or BRK, probably @ 60°

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
56.5-60.0	<p>@ 56.5 - sharp contact @ 65°</p> <p>Feldspar Porphyry - green to reddened (hematitic alteration), ~ 10% medium to coarse grained, euhedral feldspars in a fine, felsic matrix, H=6, non-mag, py < 1% @ 60.0 - sharp contact @ 35°</p>		
60.0-63.5	<p>Chl-Qtz - 2 Mariposite Schist - foliated, greyish-green, as described in previous interval, py < 1% @ 61.5 - fol'n @ 51° @ 63.5 - contact along a chl. FLT @ 65°, 1/4" chl mud gouge</p>	60.0-63.5 3503	NIL
63.5-70.5	<p>Altered Biot Metased. - pale brown to dark greyish-brown, massive, fine-grained with abundant fine biot. flakes, non-mag H=5, py < 1% 64.6-65.1 - q.c., evidence of a chl. FLT in highly chloritized core fragments 65.5-67.0 - chl-qtz - 2 mariposite schist, leading contact @ 58°, trailing contact in broken core fol'n @ 53° 67.0-70.5 - becomes foliated @ 55° @ 70.5 - sharp contact @ 45°</p>	63.5-67.0 3504 67.0-70.5 3505	NIL NIL
70.5-88.0	<p>Chl-Talc-Qtz. Schist - foliated, greyish-green to dark grey soft (H=3), um flow texture evident in places, non-mag < 1% fine py 71.5-72.5 - pale orangish-brown, altered feldspar porph. in ground + broken core @ 73.0 - fol'n @ 52° 77.0-80.0 - brecc. with qtz. cementing 81.2-82.0 - brownish grey, altered biot metased band @ 6 87.0-88.0 - chl. BRK @ 50°, 1.0' of soft chl mud gouge with caught up qtz. fragments, marks contact</p>	70.5-75.0 3506 75.0-80.0 3507 80.0-83.0 3508 83.0-86.0 3509 86.0-88.0 3510	NIL NIL NIL NIL NIL

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
88.0-92.5	Feldspar Porphyry - massive, greenish, ~5% mod → coarse grained, white Feldspars, H=5, non-mag @92.5 - sharp contact @ 23°	88.0-92.5 3511	NIL
92.5-99.5	Altered Biot. Metasediment - pale to dark brownish-grey, weakly foliated, fine-grained, sandy textured with abundant fine biot. flakes, intermixed with chl-talc-qtz. schist, ~1% fine py, sed. fairly mag, H=5 95.5-96.7 - chl-talc-qtz. schist, contacts @ 30° @97.5 - Fol'n @ 35° @99.5 - sharp contact @ 55°	92.5-96.0 3512 96.0-99.5 3513	.002 .002
99.5-111.0	Chl-Talc-Qtz. Schist Breccia - dark greenish-grey with fine fragments cemented by qtz-chl matrix, foliated (weak where brecc. strongest), soft (H=3), non-mag, fine py < 1% @100.0 - Fol'n @ 45° @109.5 - str. chl. FLT @ 55°, 1" soft chl mud gouge @111.0 - sharp contact @ Flat but irregular angle too	99.5-104.0 3514 104.0-108.5 3515 108.5-111.0 3516	NIL .002 .002
111.0-113.5	Altered Biot. Metasediment - pale greyish-brown, massive, fine-grained with minor biot flakes, H=5, ~1% fine py @112.0 - possible str chl. FLT in highly g.c., muddy, @ 30°? @113.5 - contact along a 1" bull qtz. strgn @ 55°	111.0-113.5 3517	.040
113.5-184.0	Chl-Mariposite - Qtz - Sericite Schist - foliated, dull yellowish green to emerald green, where mariposite dominates appears like green carbonate, abundant qtz. Fracturing, H=5, non-mag py < 1% @117.5 - Fol'n @ 41° @122.5 - cumulate flow texture evident @136.5 - Fol'n @ 41° 144.5-184.0 - mariposite dominates giving unit an emerald green, green carbonate appearance	113.5-117.5 3518 117.5-122.0 3519 122.0-127.0 3520 127.0-132.0 3521 132.0-136.0 3522 136.0-141.0 3523	.002 .002 .002 .010 .055/.065 .015

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	142.5-145.0 - well silicified with ~1-2% fine py @ 157.0 - Fol'n @ 41°	141.0-145.0 3524	.035
	@ 165.0 - 1 3/4" grey qtz. strgr. @ 35°, ~1-2% Fine py with qtz.	145.0-150.0 3525	.010
	@ 170.5 - Fol'n @ 50°	150.0-155.0 3526	.010
	175.0-176.0 - 1.0' grey qtz. Vn. with minor caught up green carb schist fragments, ~3-5% fine py, leading contact steep but irregular, trailing contact @ 270 TCA	155.0-160.0 3527	.005
	@ 182.5 - Fol'n @ 50°	160.0-164.0 3528	.025
	@ 184.0 - sharp contact @ 47°	164.0-166.0 3529	.025
		166.0-169.0 3530	.005
		169.0-174.0 3531	.005
		174.0-176.0 3532	.020
		176.0-179.0 3533	.002
		179.0-181.5 3534	.005
		181.5-184.0 3535	.005
		184 - 187.0 3537	.130/.120
		187.0-190.0 3538	.010
		190.0-194.0 3539	.025
		194.0-196.0 3540	.040
		196.0-199.0 3541	.145
		199.0-203.0 3542	.155/.170
		203.0-206.0 3543	.040
		206.0-209.0 3544	.060
		209.0-212.0 3545	.065
		212.0-214.0 3546	.010
184.0-214.0	"Syenite Trachyte" - (Correlation term only). Actually appears to be a buff. py dyke type assemblage but could be the response of carbonatization of original Komatiitic flow. F. qd. Carbonate-quartz-sericite with 1-2% fine py but without strong foliation or brecciated texture in sections within Mainposit carb on chl. Schist with 1% ± diss py. py in section 184 to 214' Fol'd at 60° - Section is predominantly carbonate-quartz-ser (py) with only minor mainposit-brg axs		
	214.0-215.5 - str. chl-qtz. BRK @ 54°, 15' soft chl gorge with caught up qtz. fragments, muddy in places		
	BRK @ 54°		
214.0-215.5	Chl-Talc-Qtz-Sericite Schist - foliated, dark greenish- grey, soft (H=3), foliation shows strong deformation in places, non-mag, ~1% fine py, abundant qtz. vining @ 216.0 - fol'n @ 62°	214.0-216.5 3547	.005
	216.5-226.0 - 9.5' white, bullish Qtz. Vn. with ~20% caught up wallrock (chl. schist & between 221.0-224.0 fragments of reddened feld. porph. or syen.) with ~3-5% fine py in fragments of bleached syen., leading contact lost in g.c., trailing contact @ ~45°	216.5-221.0 3548	.005
		221.0-224.0 3549	.010
		224.0-226.0 3550	.002

(Note: Sample No 3536 used elsewhere)

132
145
.035/135

160-166
.025/16

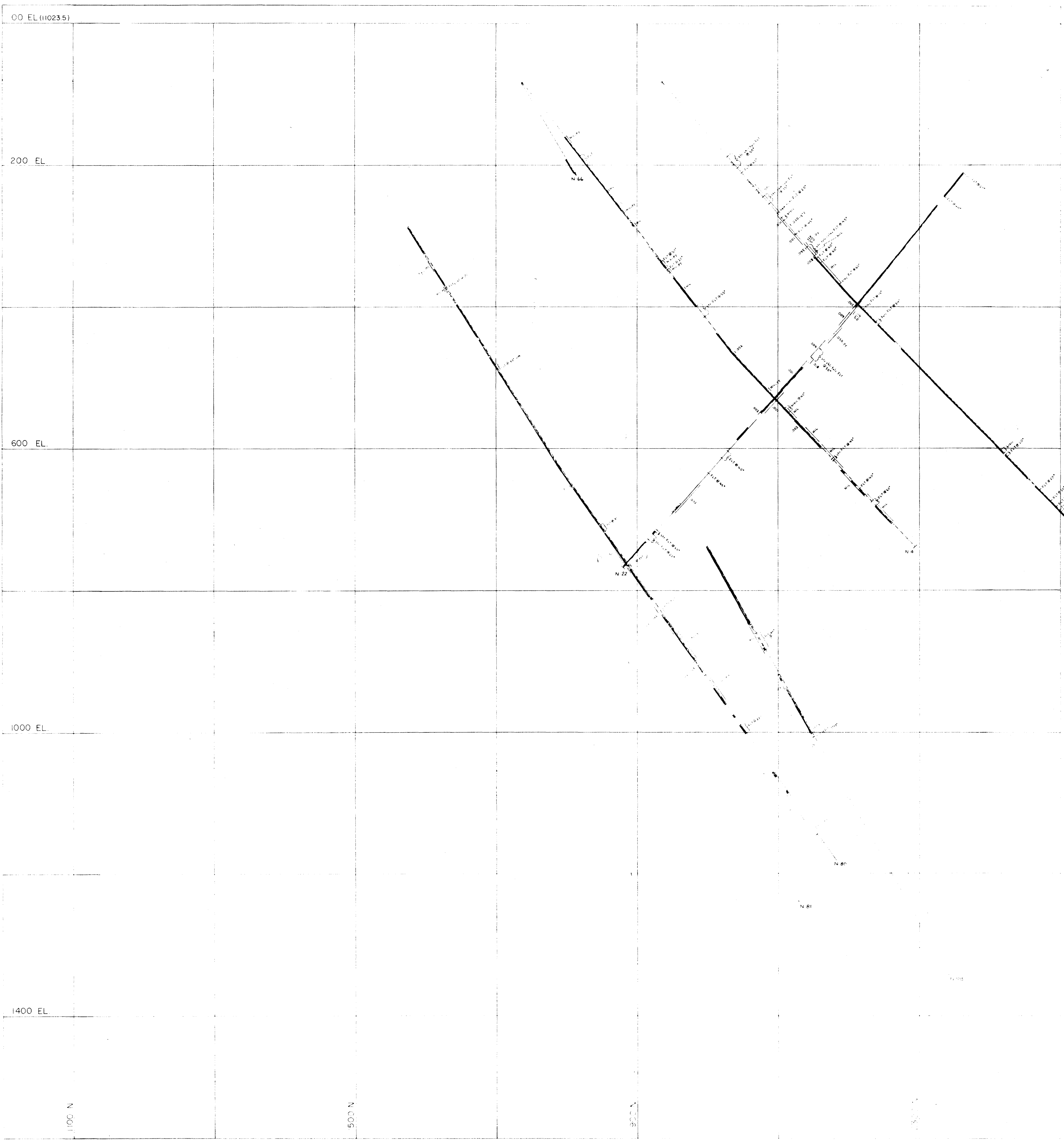
.02/12

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	@ 229.0 - fol'n @ 35°	226.0-229.0 3551	.002
	233.5-234.0 - str. chl. & qtz. mud FLT @ 57°, 0.5' mud gouge with caught up qtz. fragments	229.0-231.0 3552	.030
	235.5-236.5 - brown, fine-grained, possible syen. dyke or metased. band @ 35°, ~1% fine py	231.0-235.0 3553	.005
	236.5-237.5 - bleached, pale brown, carb-sericite dominates with much less chl. & talc (H=5)	235.0-237.5 3554	.025
	@ 242.0 - fol'n @ 53°	237.5-241.0 3555	.040/.030
	@ 243.5 - fol'n flattens to 10°, with an 1/8" fine py band in sericitized foliations	241.0-243.0 3556	.015
	244.5-248.0 - 3.5' white, bullish Qtz. Vn., contacts indistinct	243.0-244.5 3557	.005
	248.5-250.0 - brown, highly fractured, fine-grained syen. dyke or metased. band, shattered by late qtz. fracturing, leading contact @ 42°, trailing contact indistinct	244.5-248.0 3558	.005
	254.0-256.5 - 2.5' white bullish Qtz. Vn., leading contact @ 33°, trailing contact @ 56°	248.0-250.0 3559	.015
	@ 263.0 - fol'n @ 25°	250.0-254.0 3560	.010
*	266.2-266.6 - 4" grey "syen. trachyte" band - crushed, silicified, sericitized, pyritized, with ~10% fine py, contacts sharp @ 48°	254.0-257.5 ^{3.5} 3561	.025
	@ 268.0 - qtz. veining & fracturing becomes far less prevalent, sericite decreases to a chl-talc-qtz schist	257.5-261.0 ^{3.5} 3562	.030
	271.7-273.5 - greyish-brown, biot. metased. band @ 42°	261.0-263.5 ^{3.5} 3563	.025
	274.0-276.0 - 2.0' of g.c.	263.5-267.0 ^{3.5} 3564	.060/.060
	280.5-281.5 - greyish-brown, qtz-feld. porph. dyke, leading contact @ 50°, trailing contact @ 31°	267.0-269.5 ^{3.5} 3565	.005
	281.5-290.0 - chl-talc-qtz. schist becomes somewhat brecc. with dark greenish-grey fragments, py ~1%	269.5-273.5 3566	NIL
	291.5-292.5 - str. chl. FLT @ 30°, 0.5' soft chl. gouge	273.5-278.5 3567	NIL
	294.2-294.7 - 0.5' of brecc., greenish-grey fragments with qtz. cementing	278.5-281.5 3568	NIL
	@ 304.0 - fol'n. @ 65°	281.5-286.0 3569	NIL
	@ 313.5 - chl. FLT @ 35°, 1/2" chl. mud gouge	286.0-291.0 3570	NIL
		291.0-294.0 3571	NIL
		294.0-297.5 3572	NIL
		297.5-302.0 3573	NIL
		302.0-306.5 3574	NIL
		306.5-311.0 3575	NIL
		311.0-315.5 3576	.010

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
315.5 - 330.5	<p>@ 315.5 - sharp contact @ 45° @ 45° Brown 'Syenite' Dyke - possible fractured, metased band, brown, highly sericitized, with some possible relict V-spars, highly fractured, "pulled apart", ~60% bullish, white Qtz. veining, ~7-9% fine py with dyke fragments, Qtz. fracturing generally @ 30° @ 330.5 - sharp, flat contact @ ~5° @ 5°</p>	<p>315.5-319.0 3577 319.0-323.0 3578 323.0-326.0 3579 326.0-330.5 3580</p>	<p>.100/.100 .055 .020 .030</p>
330.5 - 341.0	<p>Chl-Talc - Qtz Schist - foliated, dark greenish-grey, soft (H=3), non-mag, <1% fine py, fol'n @ 48° 332.5-334.0 - brownish-grey, hist. metased. band or possible syen.?, ~2-3% fine py 338.0-340.0 - 2.0' bullish, white Qtz. Vn. @ 46° 340.0-341.0 - brownish-grey, hist. metased. band or possible syen.?, ~2-3% fine py @ 341.0 - sharp contact @ 57° @ 57°</p>	<p>330.5-334.0 3581 334.0-337.5 3582 337.5-341.0 3583</p>	<p>.020 NIL .020</p>
341.0 - 351.0	<p>Chl-Qtz - Sericite Schist - highly foliated, Qtz fractured, pale grey, H=5, non-mag, ~1% very fine py, fol'n generally @ 65-75° 346.5-348.5 - 2.0' bullish, white Qtz. Vn., leading contact @ 52°, trailing contact @ 70° 350.0-351.0 - 1.0' brownish, fine-grained, Qtz. fractured metased band, 56° @ 351.0 - contact along a Qtz. fracture @ 50° @ 50°</p>	<p>341.0-346.0 3584 346.0-351.0 3585</p>	<p>.015 .005</p>
351.0 - 366.0	<p>brecc. Talc-Chl. Soapstone - very weakly foliated, dark grey, talcose (H=3), dark grey fragments of unflow cemented by hairline Qtz. or dark grey fragments cemented by matrix, mag. locally, <1% fine py with local conc's. @ 356.0 - fol'n @ 71° @ 360.0 - str. chl. FLT @ 680, 1/2" chl. mud gouge</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
	<p>@ 370.0 - fol'n @ 43°</p> <p>373.5 - 375.0 - Biot. Syen. dyke - ~20% fine → med. grained biot. flakes in a fine felsic matrix, mag, <1% fine py</p> <p>382.0 - 385.0 - soapstone. becomes highly foliated with foliation becoming highly deformed in places, fol'n @ 50°</p> <p>385.0 - 386.0 - g.c. possibly indicating a chl. BRK past ground interval mariposite-sericite dominates, no core angle evident</p>		
<p>386.0 - 409.5</p>	<p>Mariposite - Chl - Sericite - Qtz. Schist - highly foliated, greyish-green to green with pale brown, sericite-carb rich bands, looks like green carbonate where mariposite very dominant, non-mag, H=4, <1% fine py</p> <p>@ 391.0 - fol'n @ 50°</p> <p>394.8 - 395.7 - macroisid - purple metased. band - foliated, fine-grained with coarse, dark-grey clasts, contacts @ ~50°, ~1% fine py</p> <p>395.7 - 396.7 - biot. syen. dyke - fine to medium-grained, ~10% med. grained biot. flakes, trailing contact @ 60°</p> <p>401.5 - 402.5 - highly altered, 'pulled-apart', greyish-brown metased. band or syenite dyke - texture obliterated by fracturing, ~40% qtz. fractures, ~2-3% fine py, contacts @ 45°, minor cpy</p> <p>@ 404.0 - fol'n @ 56°</p> <p>@ 407.5 - foliation becomes tightly crenulated indicating deformation</p> <p>@ 409.5 - sharp contact @ 55°</p>	<p>386.0 - 390.0 3586</p> <p>401.5 - 402.5 3587</p>	<p>NIL</p> <p>.015</p>
<p>409.5 - 418.5</p>	<p>Biot. Syenite Dyke - pale, pinkish brown, altered, biot. flakes altered to chl & sericite, in fine-grained felsic matrix, H=5, non-mag, <1% fine py</p> <p>414.0 - 414.5 - chl-marip. - qtz. schist @ 44°</p> <p>@ 418.5 - sharp contact @ 50°</p> <p>@ 50°</p>		

FOOTAGE	DESCRIPTION	ASSAYED FOR	ASSAY RESULTS
418.5-447.5	<p>Chl - Mariposite - Qtz - Sericite Schist - foliated, greyish-green, foliation deformed in places, looks like gneiss carbonate where mariposite dominates, minor talc, H=3.5, non-mag, <1% fine py</p> <p>422.0 - 423.0 - pale brown, highly fractured, metased. band or syen. dyke, texture fairly obliterated, leading contact @ 43°, trailing contact lost in g.c.</p> <p>423.0 - 426.0 - ground + broken core with a chl. FLT in broken core @ 425.0 @ 24°</p> <p>426.0 - 428.0 - mariposite content sharply decreases as chl-talc content sharply increases ∴ chl-talc-qtz schist, foliation highly deformed in this interval</p> <p>@ 430.0 - fol'n @ 25°</p> <p>431.0 - 431.5 - greyish-brown, qtz - fractured, syen. dyke @ 42°</p> <p>@ 433.5 - chl. FLT @ 36°</p> <p>436.5 - 437.5 - 1.0' of g.c., possible chl. FLT as abundant soft, highly ground, chloritized core fragments</p> <p>437.5 - 439.0 - brownish-purple, metasediment band - foliated @ 46°, non-mag, H=6, <1% fine py, leading contact @ 39°, trailing contact @ 70°</p> <p>441.3 - 442.5 - 1.2' buffish, white Qtz. Vn. shattering + replacing metased. band or syen. dyke in this interval as evident by ~20% shattered fragments in qtz. Vn. @ ~50°</p> <p>442.5 - 444.0 - fol'n highly deformed</p> <p>@ 447.5 - sharp contact @ 38°</p>		
447.5 -	<p>Altered Metased. Band - altered, hematized, fractured, fine-grained, brick red, abundant qtz-chl. fracturing, H=6, non-mag, py << 1%</p> <p>@ 449.5 - str. brecc. chl. FLT @ 25°</p> <p>450.3 - 450.8 = 0.5' greyish Qtz. Vn. @ 36°, ~1% fine py</p> <p>@ 451.0 - <u>END OF HOLE</u> - in chl-qtz schist, fol'n @ 47°</p>	447.5-451.0 3558	040/03

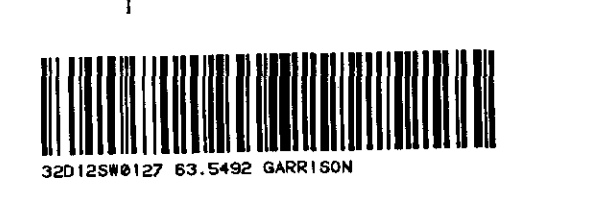


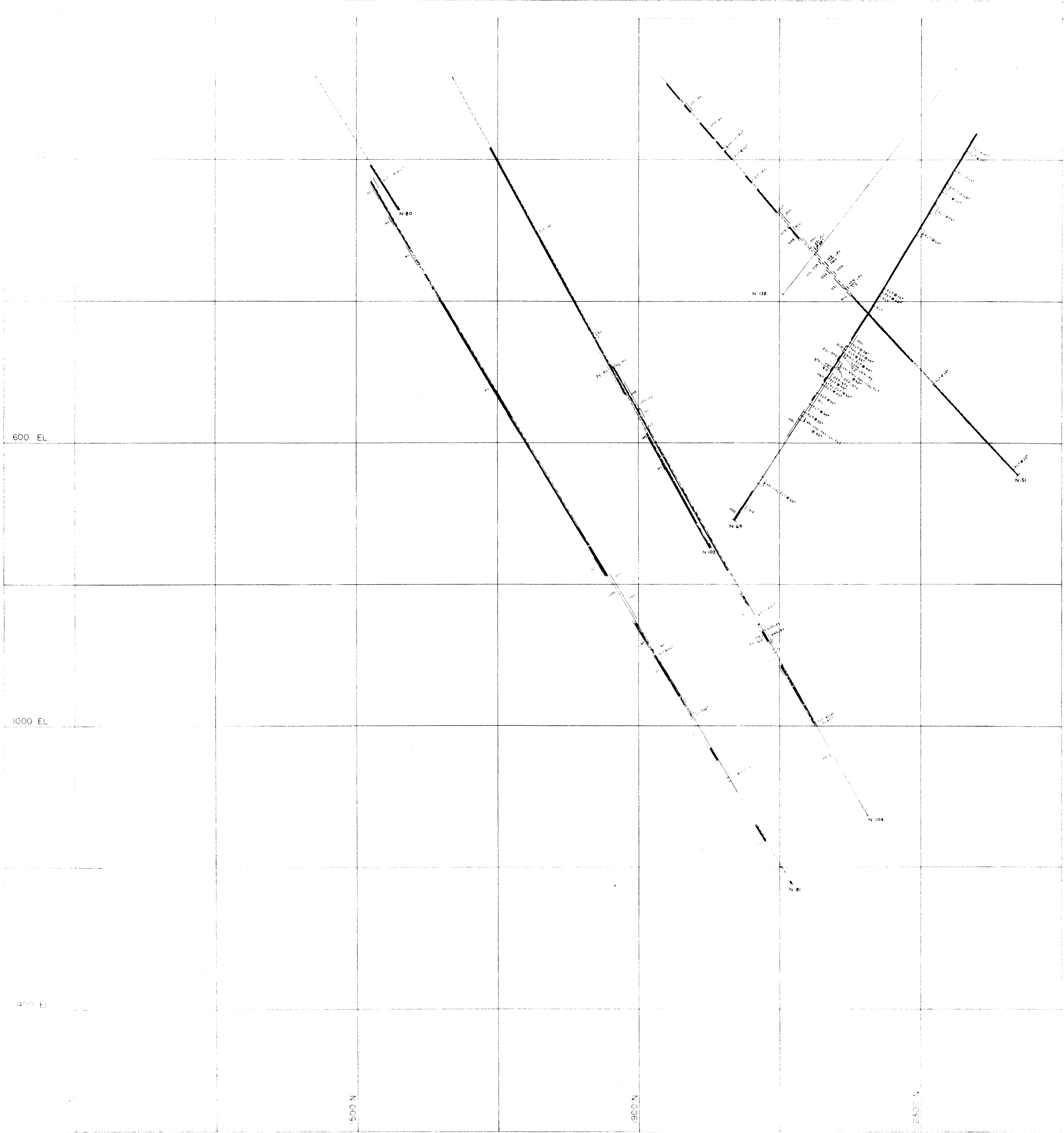
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 DATE: [illegible]



SECTION 27 W





600 EL

1000 EL

1400 EL

1500 N

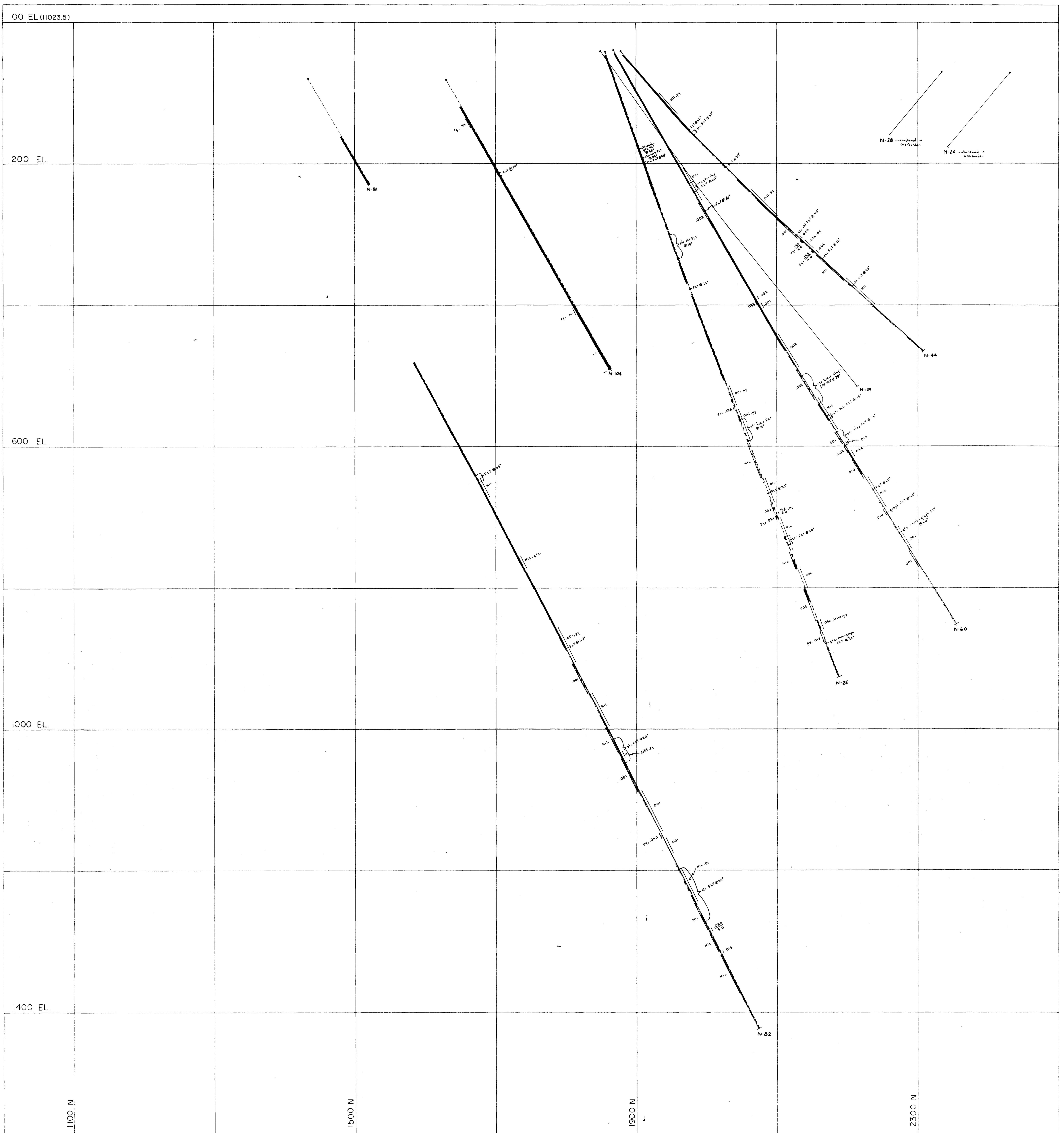
1900 N

2300 N

SECTION 28 W

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 THE MINERAL RIGHTS
 VAGABOND
 CONTROL EXPLORATION LTD
 (ARIZONA, TEXAS, NEW MEXICO)
 DRAWN BY: DATE: 1988.02.02
 CHECKED BY: SURVEYOR: 100
 SECTION 28 W





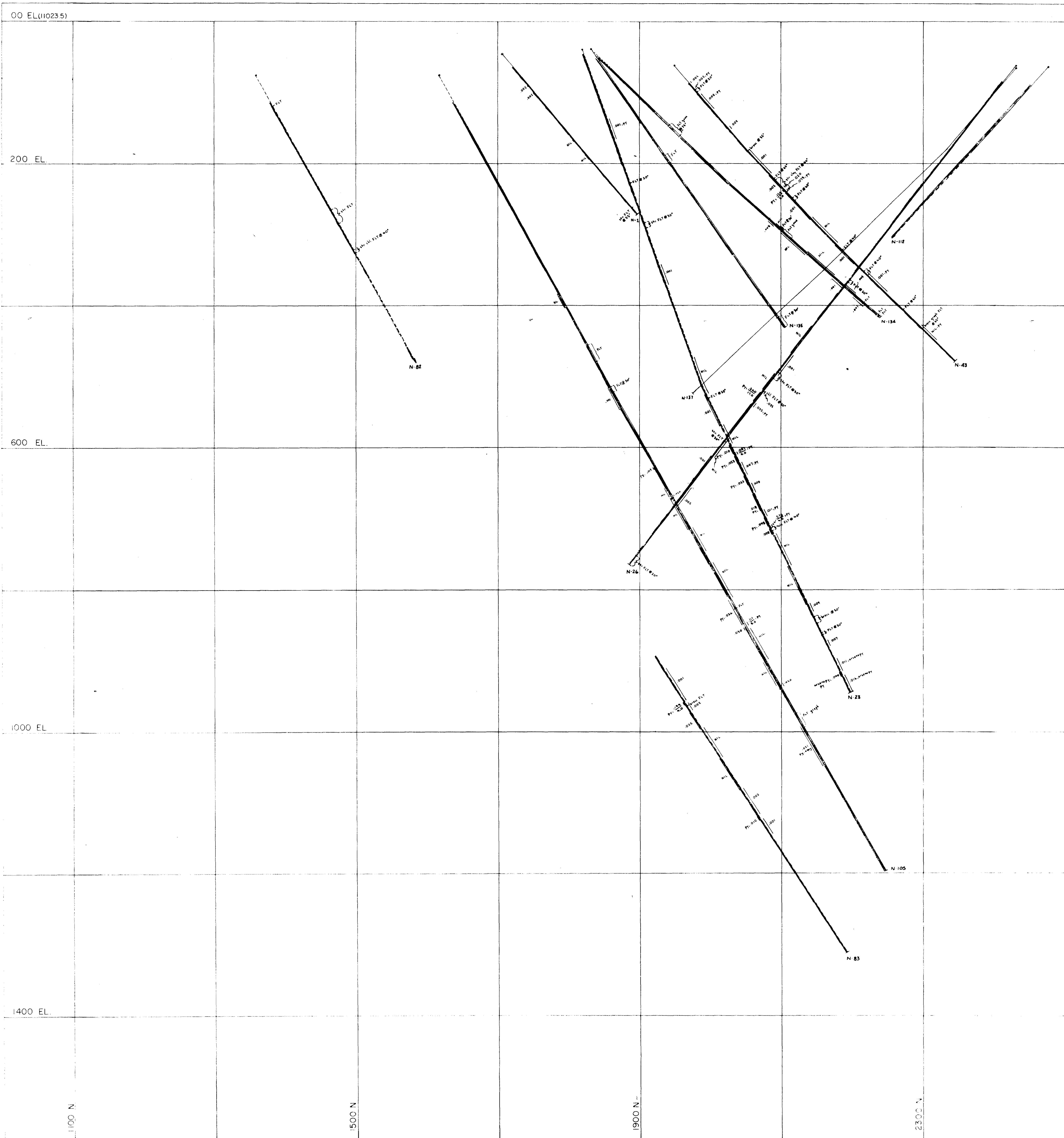
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0m88-6-L-163 63549D

LAC MINERALS LTD.
MACASSA DIV.
JONPOL EXPLORATION LTD
GARRISON TOWNSHIP PROJECT

DRAWN: R. [Signature]	CROSS SECTION	DWG NO.
CK'D:	DATE: AUG 26/08	SCALE: 1" = 50'
		SECTION 29 W





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200 EL

600 EL

1000 EL

1400 EL

1100 N

1500 N

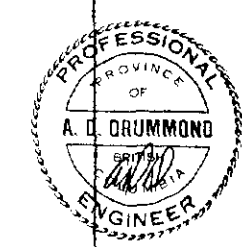
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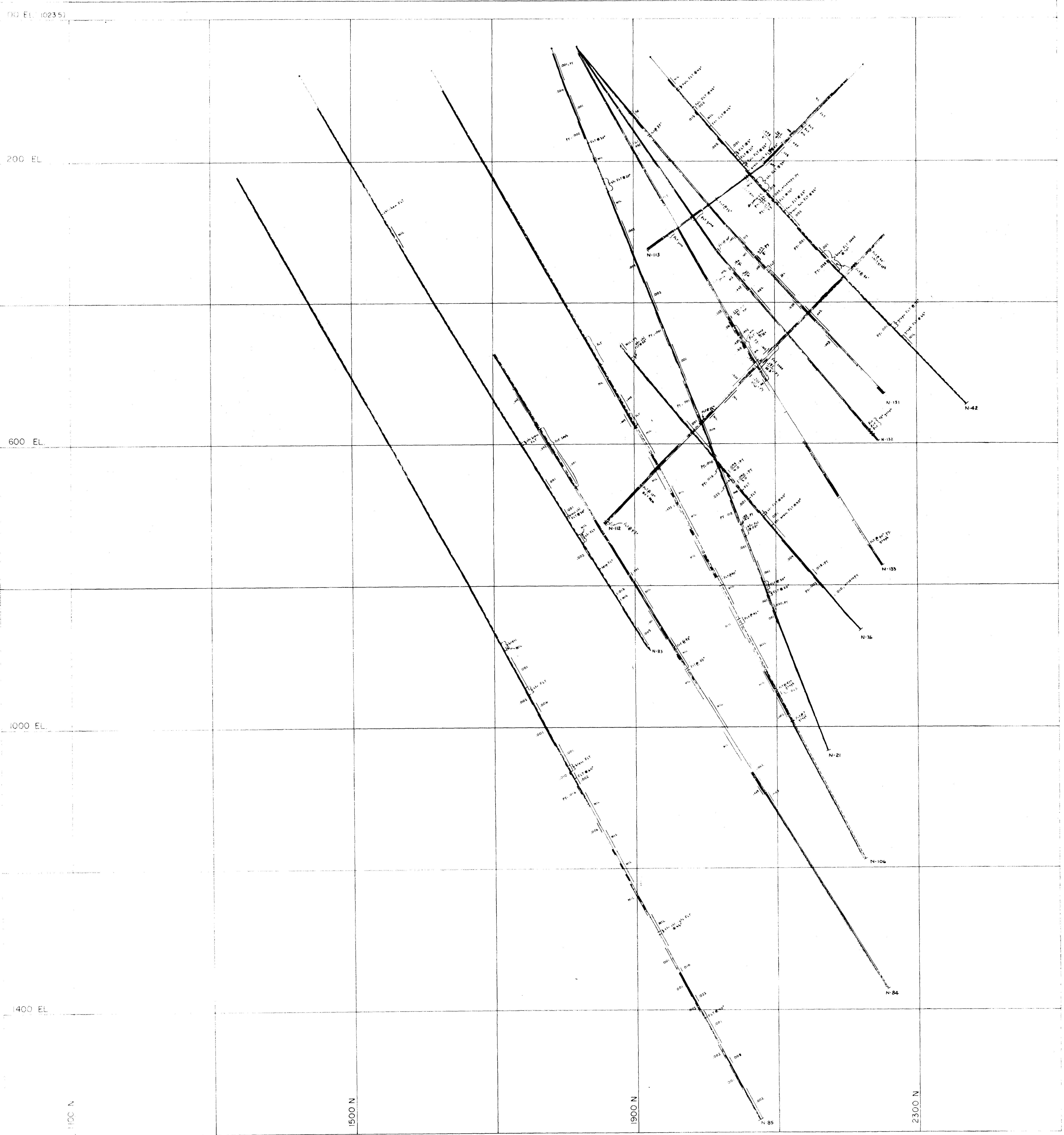
2300 N

SECTION 30 W

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 IAC MINERALS LTD
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 JONPOL EXPLORATION LTD
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CROSS SECTION
 DATE Aug 17/88
 SCALE 1:50
 DWG NO
 SECTION 30 W



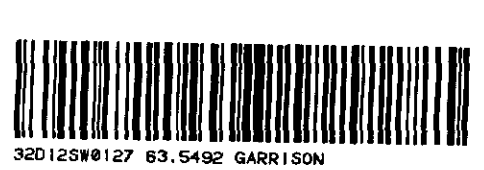


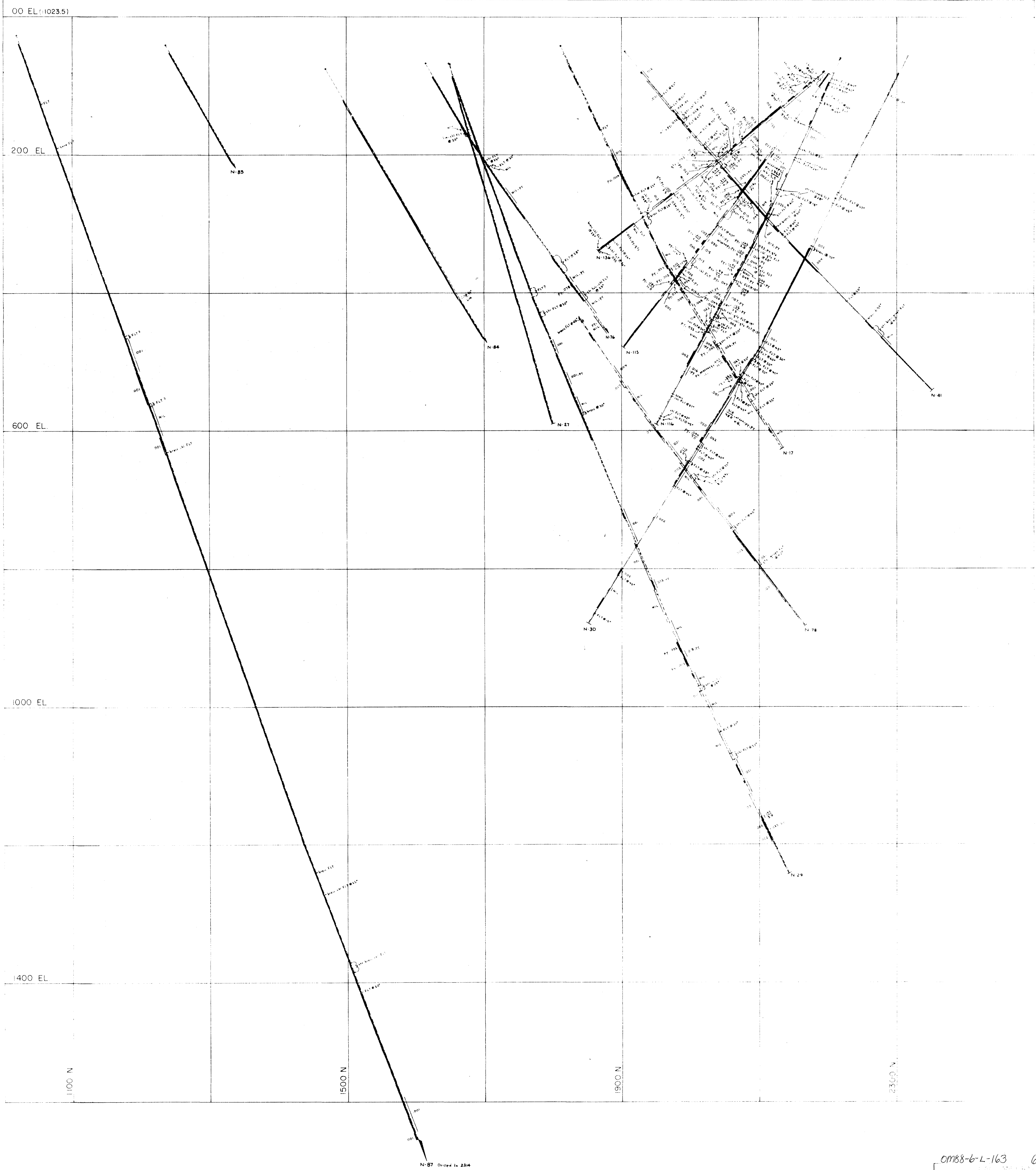
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 JONPOR EXPLORATION LTD
 GARRISON TOWNSHIP PROJECT

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SECTION 31 W



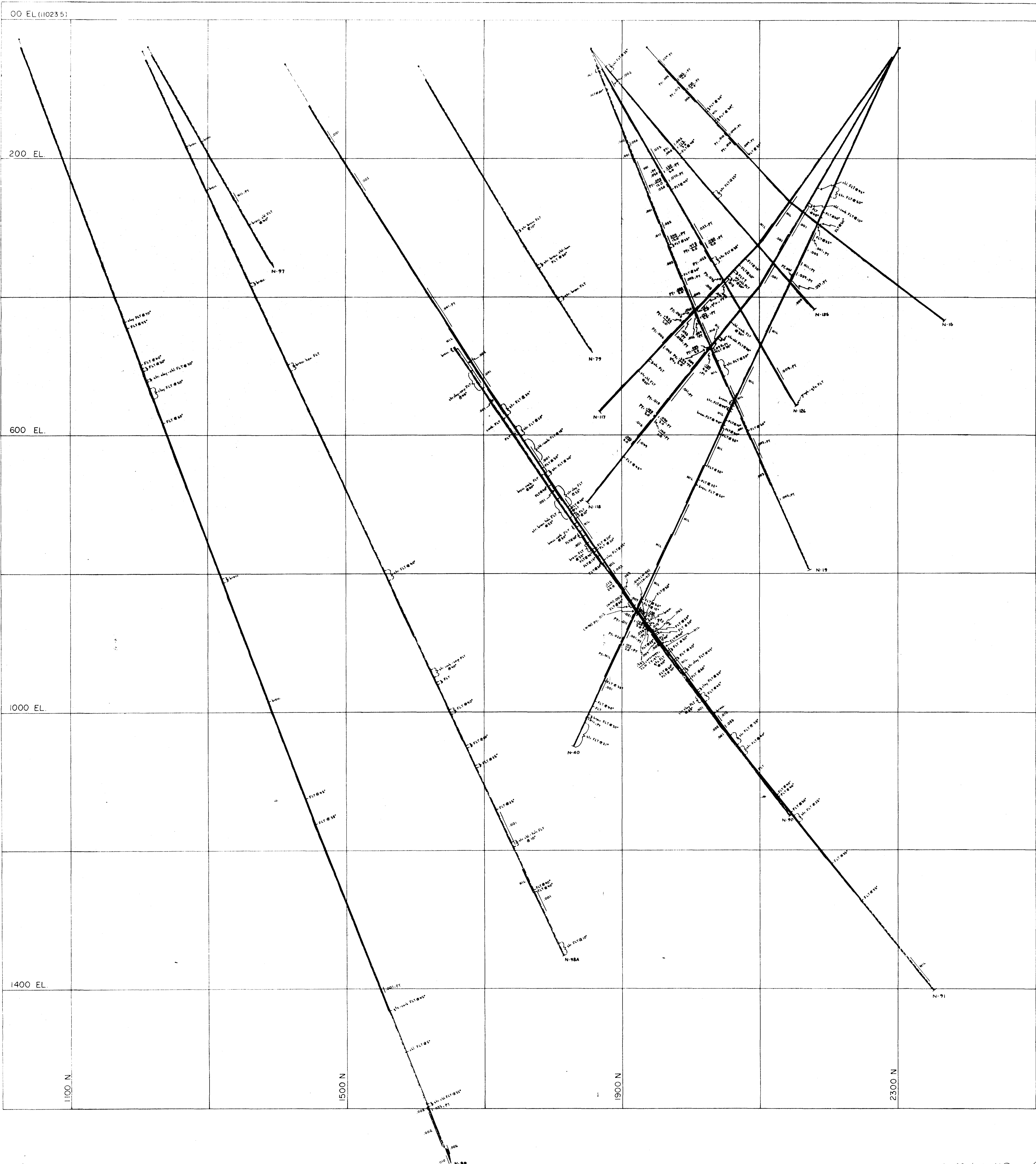


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SECTION 32 W

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CK'D	DATE	SCALE	SECTION 32 W



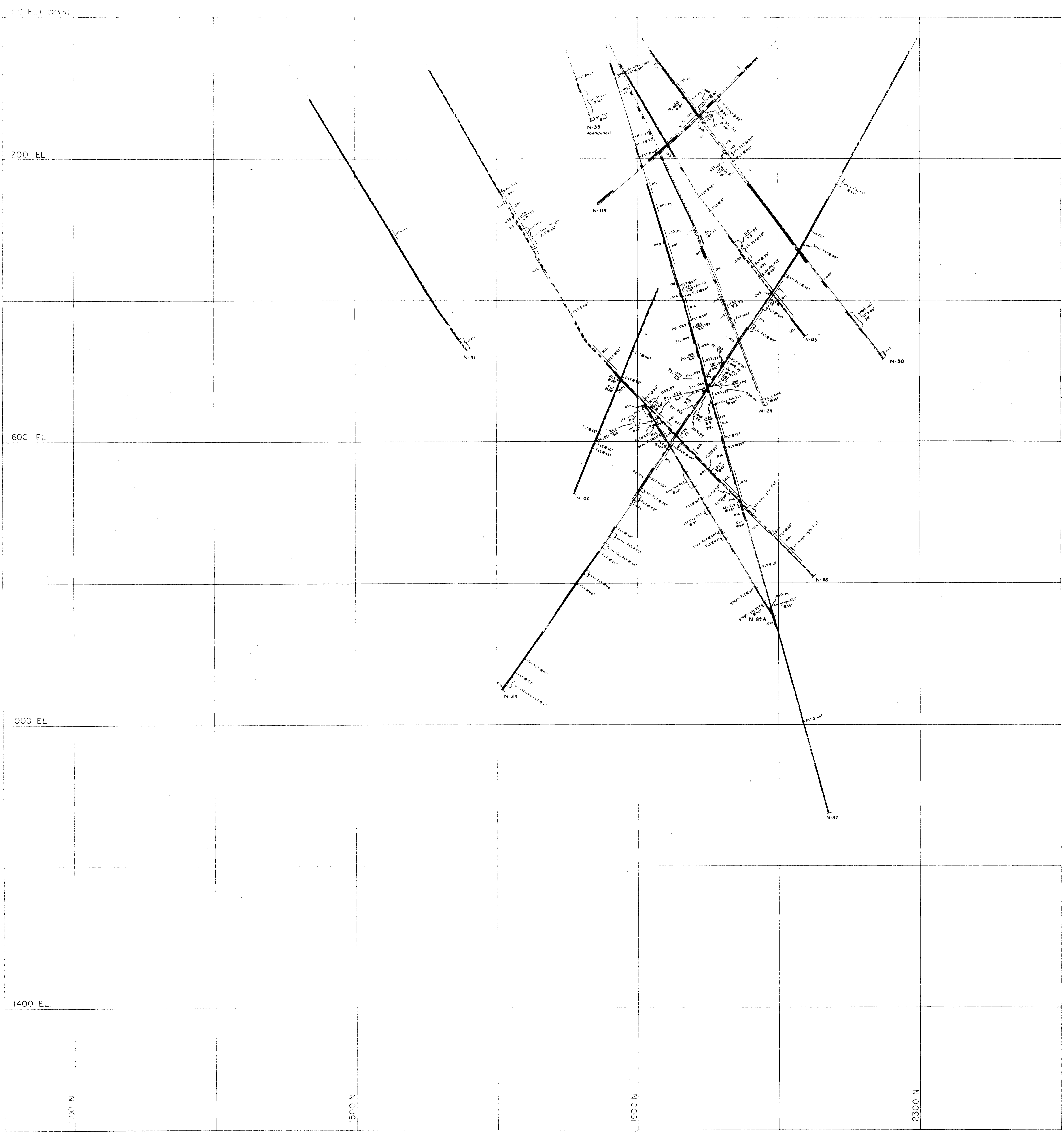


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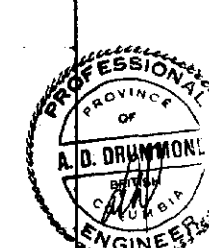
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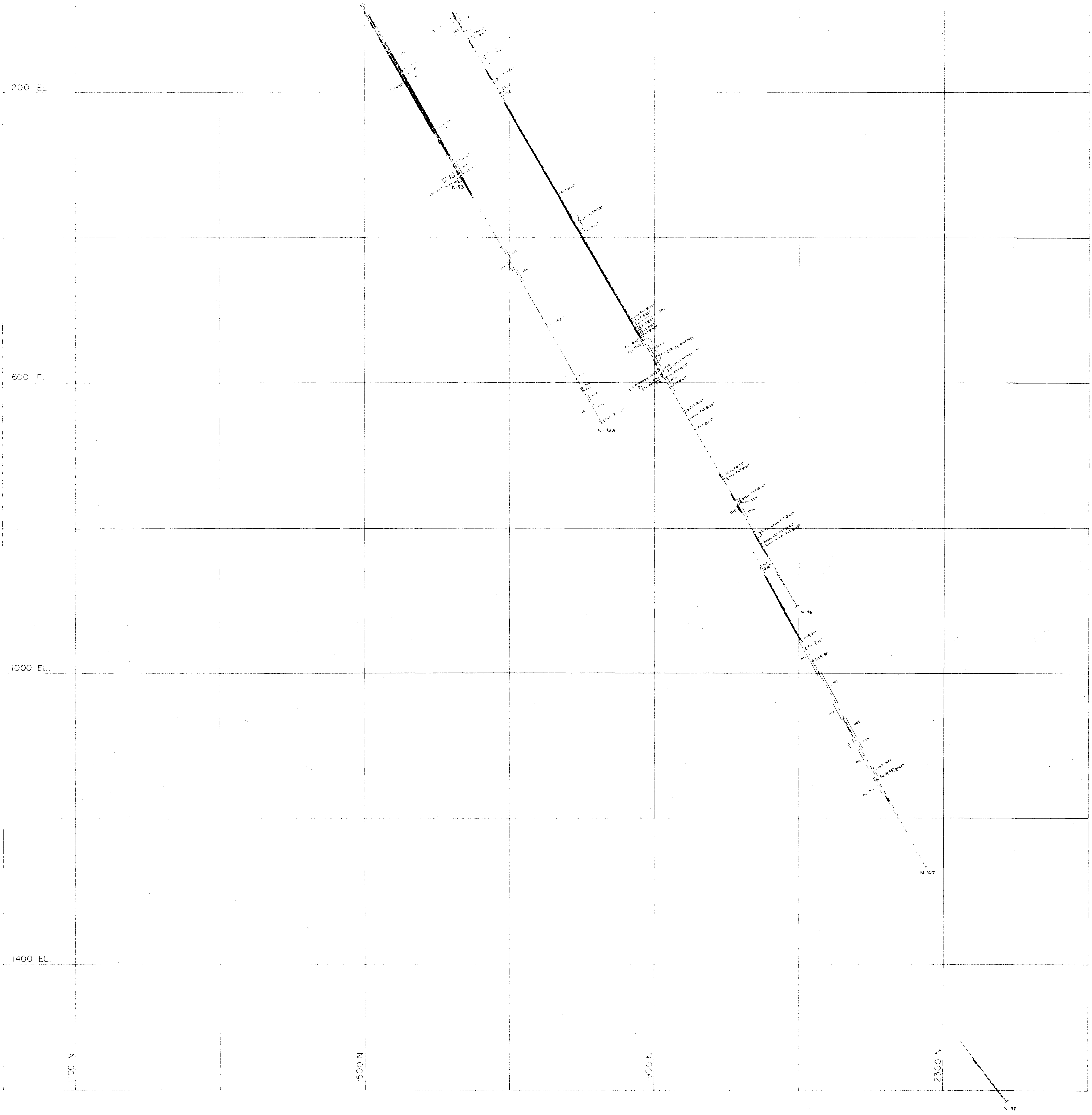
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SECTION 35 W

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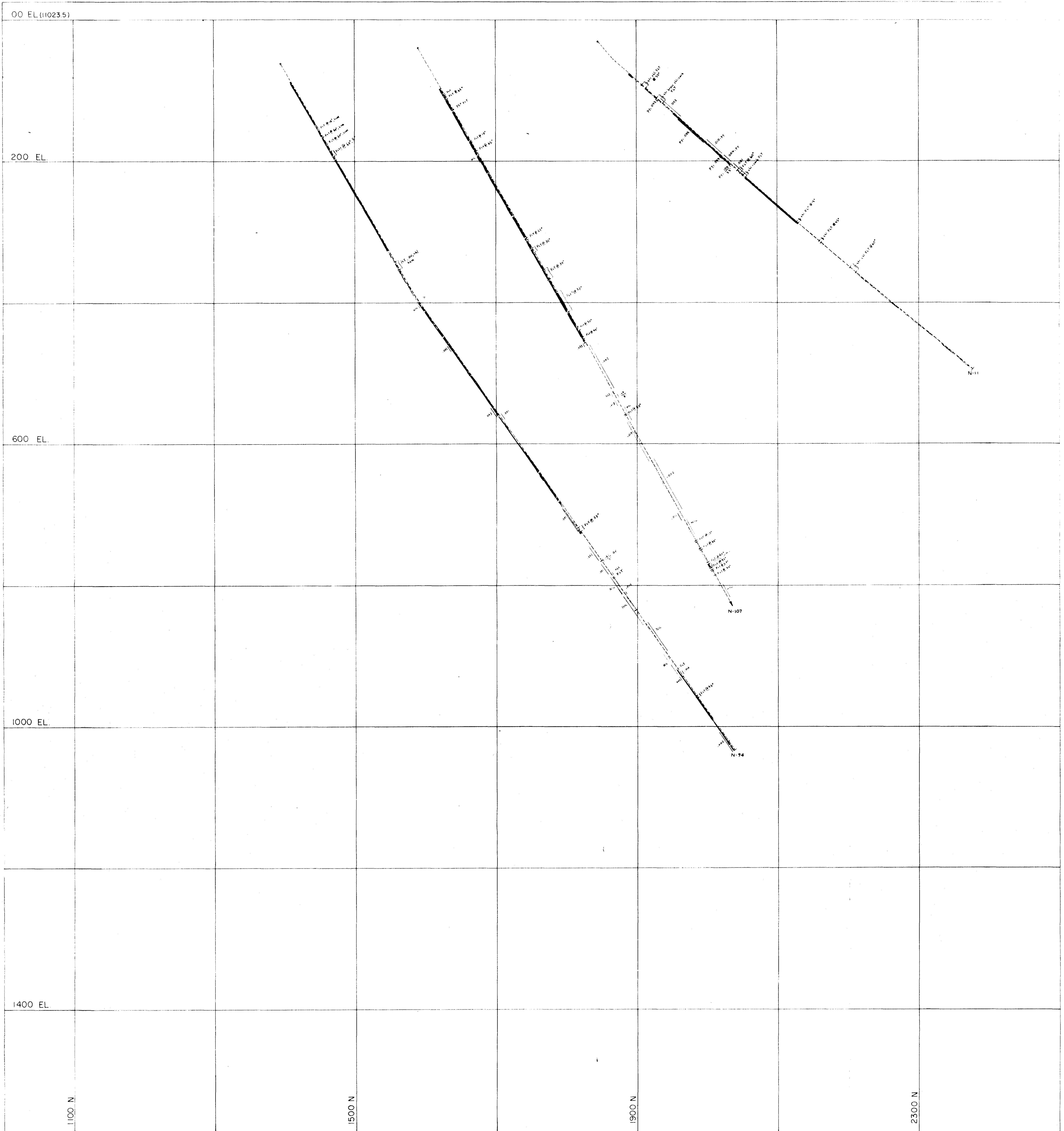
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MACASSA DIV.		
JONPOL EXPLORATION LTD.		CROSS SECTION DATE AUG 25/88 DWG NO SCALE 1:50 SECTION 35W
GARRISON TOWNSHIP PROJECT		
DRAWN: <i>R. [Signature]</i>	CK'D: <i>[Signature]</i>	



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 SCALE 1:50
 DWG NO
 SECTION 37W



SECTION 38 W

0188-6-L-163 635492

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CROSS SECTION		
DRAWN: <i>P. Lewis</i>	DATE: AUG 22/88	DWG NO
CK'D:	SCALE: 1:50	SECTION 38 W