

DIAMOND DRILLING



52J04SE0010 52J04SE0020 ZARN LAKE

010

Area: Zarn Lake

Report No: 15

WORK PERFORMED FOR: Goldwinn Resources Ltd.

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
PA 485011	85-1	229	Nov/85	(1)
"	85-2	299	Dec/85	(1)
"	85-3	299	"	(1)
"	85-4	249	"	(1)
"	85-5	249	Nov/85	(1)
"	85-6	349	Dec/85	(1)
"	85-7	247	"	(1)

TOTAL 7 DH 1921

NOTES: (1) #57-86

SUMMARY REPORT ON THE "ALKENORE-BUFFALO" PROPERTY

(1985 DRILLING RESULTS)

CLAIMS 485009 to 485014; 485118 to 485135;
and 485138 to 485139

PATRICIA MINING DIVISION

SIOUX LOOKOUT AREA, ONTARIO

FOR: Teeshin Resources Ltd.

221 Arichat Rd, Oakville, Ontario, L6J 6C6

28 FEBRUARY, 1986

Norman W. Stacey, Geologist
2507 Jones Avenue, North Vancouver, B.C. V7N 3V2

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INTRODUCTION:

P2

A total of 1921 feet of B.Q. diamond drilled core was bored on the property during November and December, 1985. The target of the project was to assess the Gold potential of the previously discovered "Zone 9".

Surface Magnetometer and V.L.F. Electromagnetic Surveys had been completed and it was hoped the Zone may prove a replication of the more extensively developed "Zone 3".

Limited historic drilling on Zone 9 was rumoured to have yielded one spectacular, high-grade intercept at depth. Surface sampling in trenches had also yielded very high-grade gold assays. The program tested the ground between these data points for continuity of grade and structure.

Results of previous work were reviewed.

PROPERTY STATUS:

The Author understands the property is owned by Goldwin Resources Ltd, and that the work was funded by Teeshin Resources Ltd. The exact nature of this agreement is beyond the scope of this report. The contiguous "Alkenore-Buffalo" claim block, (485009 to 485014; 485118 to 485135; and 4851238 to 485139, inclusive), were duly recorded and in good standing with the Patricia Mining Division, Mining Recorder in Sioux Lookout. (See Fig. 1)

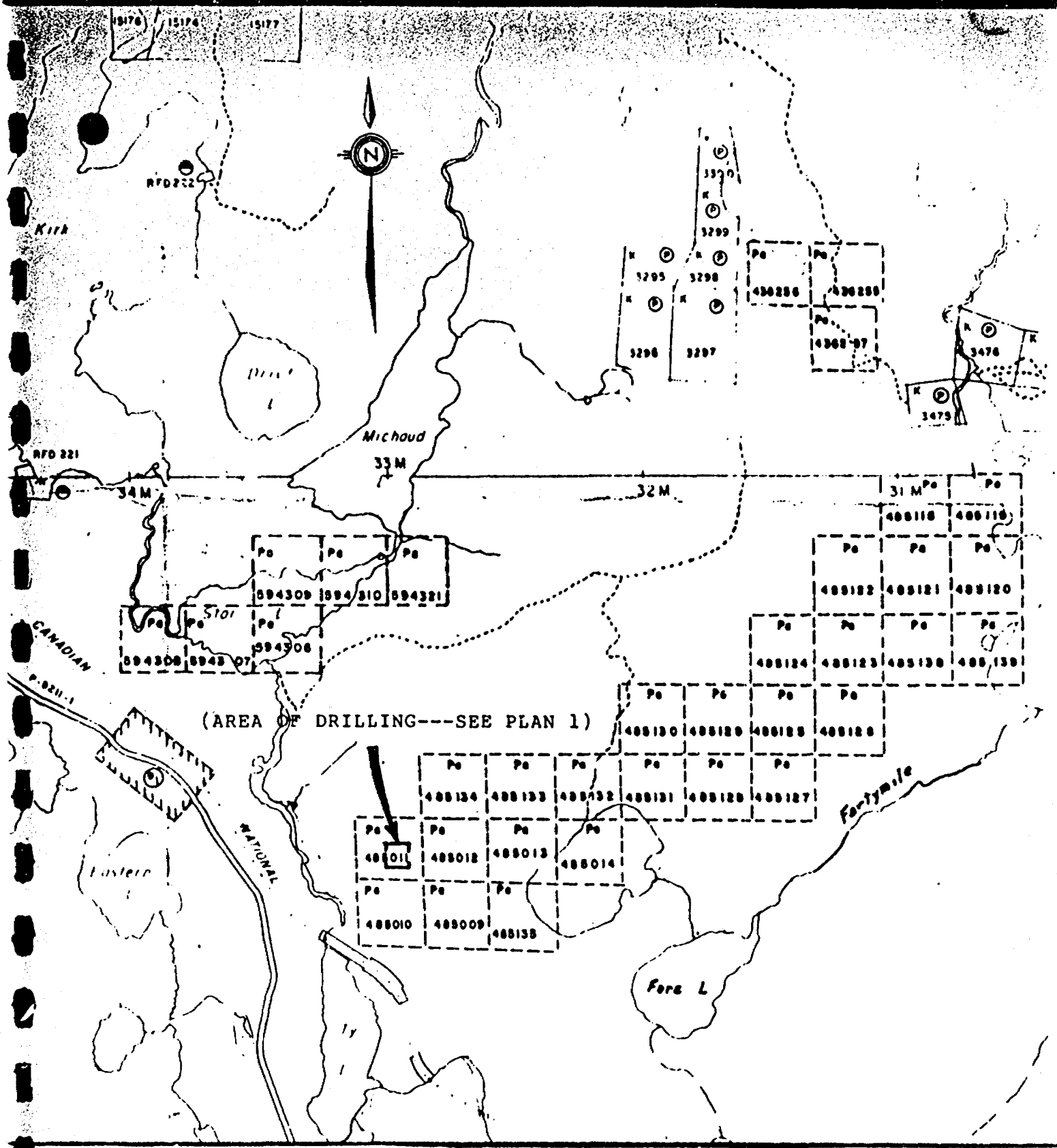


FIGURE 1: CLAIM MAP

1" = 40 chains

DISTRICT OF
KENORA

PATRICIA
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

ACCESS AND PHYSIOGRAPHY:

P3

The reader is referred to the earlier report by D. J. Gillis, B.Sc. of A.C.A. Howe International Limited and available from Teeshin Resources Ltd, of 221 Arichat Rd, Dakville, Ontario, L6S 6C6, for details.

For the purposes of the current program, light access for personnel was by Skidoo while the drill rig etc., was airlifted by helicopter.

RECENT PREVIOUS WORK:

May 23, 1980: Extensive report by G. A. Tremblay was completed. The report included a thorough literature search. Much of the data was extracted from historic "Northern Miner" copies of the late 1930's and otherwise unverifiable.

December 11, 1980: Report of fieldwork by D. J. Gillis of A.C.A. Howe International Limited. Results of surface magnetometer, V.L.F.-E.M., and geological mapping were plotted and presented. A tonnage estimate of the most promising Zone 3 was prepared. (70,000 tons of 0.24 oz./ton Au). It was suggested the best values lay in south dipping shoots emanating from the more continuous, north dipping thrust faults.

December, 1984: A total of 707 feet of diamond drilling in three holes was drilled near Forty Mile Lake. The holes were evidently intended to test Zone 10. Due to an unfortunate error the holes were misplaced approx. 800 to 1000 feet from the area of promise. Zone 10 remains untested.

CURRENT WORK:

p4

A total of 1921 feet of B. Q. diamond drill core was completed in 7 holes. Significant intersections of core were split and submitted for assay. Drill core logs are appended as is a plan of drill hole locations.

Assays from Chemex Labs of Mississauga are appended. Samples are designated by hole number and intervals.

Holes on 85-1, 85-2, and 85-3 were designed to test for a south dipping structure. While significant quartz and sulphide were intersected in the initial hole, it exhibited poor continuity and only very low gold values. Holes 85-4, 85-5, 85-6, and 85-7 were designed to test for northern dipping continuity. Results were similarly disappointing.

COST OF PROGRAM:

Cost of program is submitted under separate cover due to major items having been direct billed.

CONCLUSION:

P5

None of the vein intersections carried significant values in gold. The surface trench samples may be localized, or may be a result of surficial enrichment. The historically reported deep gold intersection may be spurious; may be localized; or may be the result of the influence of additional structures or unrecognized ore controls. The trench samples and reported intersection may, from current drill data, be assumed discrete and not continuous. No further work on Zone 9 is recommended unless new controls to mineralization are advanced and a new interpretation of ore geometry is offered. Such information may be gained as a result of work on other zones.

The most promising area to date remains Zone 3. The very strong surface indications at Zone 10 remain to be drill-tested. Several geophysical anomalies defined by Gillis, (1980) remain to be tested.

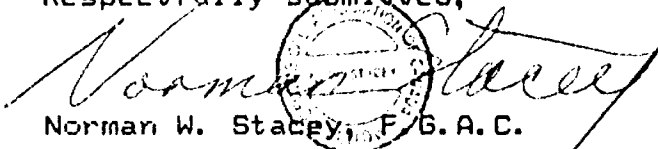
STATEMENT OF QUALIFICATIONS:

P6

I, Norman W. Stacey of 2507 Jones Ave., in the City of North Vancouver, B.C. do state that:

- 1) I am a graduate of the University of Auckland, New Zealand, and hold a B. Sc. in Geology and applied Geophysics;
- 2) That I am a Member of the Canadian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada;
- 3) That since graduating in 1974 I have continuously pursued my career in geology, primarily in North America and Australasia;
- 4) That I have written this report entitled "Summary Report on The Alkenore-Buffalo Property", dated Feb. 28, 1986;
- 5) That the report is on work conducted by me personally;
- 6) That this report may only be reproduced in its entirety except with the written consent of the author.

Respectfully submitted,


Norman W. Stacey, F.G.A.C.

Vancouver, B.C.

28 FEBRUARY, 1986.

TEESHIN RESOURCES LTD

ALKENORE PROJECT.

ZONE 9.

DDH;85-1

SITE 1:4+50N,68+00W

DEPTH:229FEET

AZIMUTH:310

COLLAR:-45

STARTED:24 NOV. 1985

COMPLETED:30 NOV. 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

0 17 OVERBURDEN---No core recovered.

17 77 HORNFELSIC METAVOLCANICS---Dark grey and lesser very dark green, med. to crs textured, white carbonate speckled unit. Very weak foliation with pervasive weak chloritization, and secondary chlorite scale on later fractures. Frequent drusy white calcite bands and lesser string-like veinlets or irregular inclusions, generally parallel to foliation. Trace to rare sulphide (pyrite), disseminated throughout and as small inclusions (to 1mm), and finely crystalline lamellae parallel to foliation. Minor secondary pyrite as scale on chloritic fractures and as aggregations in calcite fractures.
41'---Foliation @ 50. Minor, finer-grained, more chloritic bands to 1cm.
46'---10cm section with to 15% pyrite as rare inclusions to 1.5cm.
55.5'---15cm section of soft sed. deformation and breccia with drusy calcite clasts and pyritic matrix.
59' to 60'---Two irreg. sparry quartz veins, 3cm & 2cm wide, generally trending 30 to c/a.
76' to 77'---Bleached to med.-grey, more siliceous with pyrite increasing down section; rehealed shearing @ 25 to c/a. Transition zone.

77' 80 VEIN.---15cm bull quartz vein @ 78 to c/a. Irreg. contacts with minor discontinuous chloritic laminae, and rare pyritic scale. Bounded by bleached, brecciated silicified zone, with fine pyrite imparting granitoid effect. 5% to 7% disseminated pyrite as cubes throughout.

80 149 BANDED METAVOLCANIC ROCKS: Dark grey-black, dense competent unit. Marginally more calcic very weakly foliated sections intercalate with and grade into

slighter lighter grey, weakly recrystallized, biotitic sections. Minor to trace pyrite throughout.

103'---More calcic adjacent to tight fractures. weak foliation @ 40 to c/a.

108'---Dark mafic section with broken core and minor coarse gritty gouge.

125.5'---Ductile deformation. Light pastel green, laminated 3cm band, trending 40 to c/a.

143'---3cm wide, finer grained, more chloritic band. Relict bedding @ 40 to c/a.

149 151 DEFORMED "GREENSTONE". Weakly brecciated. Epidote green 4cm thick, microbanded band; contorted and disrupted. Siliceous, competent section.

151 181 HORNFELSIC METAVOLCANICS---As at 17' with lesser chloritization, white calcic mottled, very weak foliation and trace to very minor disseminated pyrite.

159 to 160'---Broken core. More recrystallized, mottled section.

175'---Foliation @ 50 to c/a.

178 to 181'---Distinctive bleaching and minor biotite bounding tight fractures @ 80 to c/a. (av. 0.3cm wide)

181 187 MINERALIZATION: Lighter grey, more siliceous section with minor quartz dominant sections (to 10cm), and abundant pyrite (as cubes to 3mm), and as rare coarsely crystalline veins (to 3cm), @ 80 to c/a.

187 203 HORNFELSIC METAVOLCANIC ROCKS: As at 151 feet.

189'---Foliation @ 40 to c/a.

203'---Lwr contact sharp and conformable @ 22 to c/a.

203 229 BANDED METAVOLCANIC ROCKS---As at 80 Feet with distinctive banding, Finer grained and regular lighter grey bands. Minor disseminated pyrite and as rare fine lensoid laminae. Trace disseminated chalcopyrite and possible trace arsenopyrite. 221'---banding @ 22 to c/a.

229 E.O.H.---Hole Completed.

Norman Stacey

TEESHIN RESOURCES LTD

ALKENORE PROJECT.

ZONE 9.

DDH;85-2

SITE 1:4+50N, 68+00W

DEPTH:299FEET

AZIMUTH:340

COLLAR:-45

STARTED:1 DEC. 1985

COMPLETED:3 DEC. 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

0	14	OVERBURDEN---No core recovered.
14	19	INTRUSIVE---Finely textured, mafic rich, (Diorite?). Medium to dark grey, with 35% feldspars, Black mafic and assoc. biotite. Very rare interstitial pyrite. 14 to 15'---Finer textured; poss. upr selvedge zone.
19	72	HORNFELSIC METAVOLCANICS---Dark grey and lesser very dark green, med. to crs textured, white carbonate speckled unit. Very weak foliation with minor chloritization on later fractures. Rare drusy white calcite, string-like veinlets. Trace to rare dissem. pyrite and v. rare lensoid laminae parallel to foliation. V. minor secondary pyritic scale on fractures. 19' to 21.5'---Weakly oxidized section. Minor earthy hematitic scale on fractures and general limonitic stain. 19 to 22'---Broken core. Pces to 12cm. 22'to 29'---V. finely textured, dense section. 34'---v. weak foliation @ 40 to c/a. 48'---20cm lighter grey to epidote green, more siliceous section with increased pyrite (to 5%). Lower contact @35 to c/a. 49 to 69'---Distinctly coarser section with minor recrystallization. 58.5'---4cm light grey feldspathic section with minor epidote grn hue.Upr contact @ 40 to c/a; Lwr @ 35. 62'---3cm irreg. white quartz vein with minor pyrite; @ 40 to c/a. 69 to 72'---Finer grained and denser section with minor calcitic bands (to 0.25cm), generally parallel to foliation @ 35 to c/a.

- 72' 84' MINERALIZED SECTION. Dark grey with lighter grey feldspar speckles. minor quartz veins and increased pyrite.
 72 to 75'---Silicic, pseudoporphyrific metavolcs with rare to trace pyrite. Weak foliation @ 25 to c/a.
 75 to 78'---Two sparry quartz veins (to 15cm) bounded by calcite with to 5% pyrite.
 78 to 81'---Continued silicified with increased pyrite as inclusions to 1cm and rare chloritic laminae to 1cm.
 81 to 84'---Lesser silicified, more calcitic, and darker grey-black with pyrite decreasing from 4% to v. rare downsection.
- 84 104.5 METAVOLCANICS: Dark grey-green and white calcic speckled, coarser grained, weakly to distinctly foliated unit. Trace to v. rare dissem. pyrite and rarely as secondary deposit on tight calcitic veinlets.
 86'--- Foliation @ 35 to c/a.
 94'--- Foliation @ 40 to c/a.
 104'---Pink and white, irreg. drusy calcite vein, generally trending 40 to c/a., and with 3% pyrite as inclusions to 0.5cm.
- 104.5 110.5 ALTERED AND MINERALIZED METAVOLCANIC ROCKS: frequently very light grey to light brown, med.-fine grained dense section. Abundant pyrite as to 5% of bands to 15cm., and assoc. with paler, harder sections.
 104.5 to 107.5'---Upr portion contorted and calcite recemented, lower portion pyritic.
 107.5 to 110.5'---Lesser pyrite and more planar banded.
- 110.5 160 BANDED METAVOLCANIC ROCKS: Med. to dark grey, med. to fine grained, with regular, lighter grey, more calcic bands. Distinctly foliated with minor to trace dissem. pyrite, and as very rare laminae, parallel to foliation.
 110-.5 to 114'---Transition zone.
 136'--- Foliation @ 35 to c/a.
- 160 166 MINERALIZED SECTION: (CONTACT?)
 160 to 163'---Calcitic and banded with marginally increased pyrite downsection.
 163 to 166'--- More silicic metavolcanics with minor quartz and to 25% pyrite in upper third.
- 166 299 HORNFELSIC METAVOLCANICS---As at 19'. Speckled upper section tending more banded in lower section. Generally weakly foliated with chloritic scale on later fractures. Rare drusy white calcite

veinlets, generally parallel to foliation, and very rare, irreg. quartz veins. Trace to very rare dissem. pyrite and rare lenticular lamellae in lower, more banded portion. Minor secondary pyrite scale on later joints.

166 to 190'---Dense, almost massive, coarser, more carbonated (speckled) section. very weak foliation @ 40 to c/a.

186'---5cm pink and white calcite band with 2% pyritic inclusions.

190 to 192'---Irreg. qtz dominant, quartz-carbonate vein (1cm to 5cm thick), with v. minor pyrite. Undulates parallel to c/a.

194'---5cm thick, dense quartzite band with v. minor chloritic lamellae subparallel to foliation @ 35 to c/a.

216 to 217'---Lighter, calcitic bands @ 40 to c/a.

231'---Foliation @ 40 to c/a.

249 to 259'---rare, marginally more chloritic sections; frequently broken as core.

259 to 268'---More banded with calcite. Minor ductile deformation.

277'---15cm lighter grey, biotitic, granitoid section.

279 to 280'---3cm qtz-carb. vein with trace epidote grn colour. Bounded by med.-grey, recrystallized granitoid. Minor assoc. biotite.

289 to 299'---Coarser textured, speckled and partially recrystallized, metavolcanic rocks.

297'---Foliation @ 40 to c/a.

299' E.O.H. Hole completed.

Norman Stacey

TEESHIN RESOURCES LTD

ALKENDRE PROJECT.

ZONE 9.

DDH;85-3

SITE 1:4+590,69+00W

DEPTH:299FEET

AZIMUTH:340

COLLAR:-60

STARTED:4 DEC. 1985

COMPLETED:6 DEC 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

0 12 OVERBURDEN---No core recovered.

12 52.5 BANDED METAVOLCANIC ROCKS:-Med. to dark grey, med.-fine grained with regular, lighter grey more calcic bands imparting distinctive foliation. Rare, less regular, white quartz bands; generally subparallel to foliation. Trace dissem pyrite.
 13'---Foliation @ 38 to c/a.
 13.5 to 15'---Broken core.
 28.5'---Pink qtz veinlet to 3cm, subparallel to c/a @ 35.
 32.5'---Minor irreg. white qtz veinlet with chloritic lamellae.
 51.5 to 52.5'---Ductile deformation with marginally increased pyrite.

52.5 54.5 MAFIC INTRUSIVE:Dark grey black intrusive with white feldspar phenocrysts (to 2mm) in central third.Minor fine cubic, dissem., pyrite. Upper contact disconformable trending 30 to c/a. Lower conformable @ 26 to c/a.

54.5 68.75 BANDED METAVOLCANIC ROCKS: Similar to 12', bit marginally denser and darker (fresher), with less distinctive banding.
 67'---Foliation @ 45 to c/a.ly @ 70 to c/a.

68.75 75.5 INTRUSIVE: White with lesser black and brown mottling, more salic intrusive. Minor assoc. sulphide. Massive in upper portion, but admixed with host metavolcs. in lower portion, and minor introduced calc-silicate veinlets. V, minor, amoeboid chloritic inclusions.
 68.75'---Sharp, disconformable contact @ 35 to c/a.
 71'---15cm calcite and qtz dominant band.
 75.5'---disconformable lower contact @ 25 to c/a.

- 75.5 79 MINERALIZED METAVOLCANIC ROCKS: Dark grey with lesser lightly bleached, more brownish-grey, dense core. minor cubic pyrite near upper contact, trace throughout, and to 20% in 30cm bounding lower contact.
- 79 86 MAFIC INTRUSIVE ROCKS: Darker grey, more mafic, finer textured, intrusive with distinctive foliation @ 20 to c/a. Contacts disconformable and gradational.
- 86 92.5 HORNfelsic METAVOLCANIC ROCKS: very dark grey, fine grained, dense with only v. minor, white calcic bands @ 55 to c/a. Minor later calcite veinlets cross-cutting and marginally elevated pyrite content throughout.
- 92.5 96.5 MAFIC INTRUSIVE: darker grey, mafic rich, and finely textured with distinct foliation @ 20 to c/a. Trace to v.v. minor. Upper contact irreg. @ 55 to c/a. Cubic pyrite concentrated along and adjacent to disconformable lower contact @ 50 to c/a.
- 96.5 135 BANDED METAVOLCANIC ROCKS: Med. to dark grey, lesser dark green, med.-fine grained and dense with regular, lighter planar banding giving distinct foliation. Minor dissem. pyrite throughout.
 96.5 to 102'---Irreg. drusy white calcite veinlets trending parallel to c/a.
 116'---Foliation @ 45 to c/a.
 126'---Foliation @ 30 to c/a.
 131'---Foliation @ 45 to c/a.
 129.5'---Section of microbanded graphite and quartz with minor (to 5%) cubic pyrite.
 130'---5cm white Qtz dominant band with epidote green stain.
- 135 156 HORNfelsic METAVOLCANICS: Dark grey, lesser dark green, med. textured, dense, carbonate speckled hornfelsic unit. Trace pyrite and very weak foliation.
 152'---weak foliation @ 40 to c/a.
 156'---Gradational lower contact.
- 156 193 BANDED METAVOLCANIC ROCKS: Med. to dark grey, lesser dark green, med.-fine grained dense core with regular lighter banding and distinct light banding. Trace to v. minor pyrite throughout and rare cubic inclusions.
 156 to 160'---Distinctive white and grey, green feldspathoid banding @ 35 to c/a.
 164 to 169'--- v.v. foliated with minor mica.

170 to 172'---Light grey, mod. siliceous, porphyritic dyke. Upper contact @ 40 to c/a, lower contact @ 35 to c/a.

183 to 189.5'---Minor calcic veinlets after weak shearing parallel to c/a.

189.5'---15cm section with increased (to 5%) cubic pyrite.

- 193 201.5 MAFIC INTRUSIVE: Dark grey or grey-brown, mafic rich intrusive with weak foliation. Frequently sheared and calcite rehealed. Minor disseminated cubic pyrite throughout, and to 105 of rare sections (10 to 20cm thick).
193'---Disconformable contact @ 20 to c/a.
198'---weak foliation @ 35 to 40 to c/a.
199'---pyrite rich section.
201.5'---Lower contact sharp and conformable @ 38 to c/a.
- 201.5 233 PREDOMINANTLY BANDED METAVOLCANIC ROCKS with minor mafic intrusive bands: Med. to dark grey, fine sandsize, dense, distinctly banded unit with trace dissem. pyrite throughout.
207 to 209'---Weakly brecciated with drusy white calcite recementation.
302 to 302.8'---Darker, mafic rich band with minor dissem. pyrite cubes. Poss. sill. Upper and lower contacts parallel to foliation @ 27 to c/a.
220 to 221'---Minor, irreg. quartzo-feldspathic veinlets (to 3cm).
228'---White bull qtz vein @ 25 to c/a. Minor tourmaline along lower contact.
- 233 236.5 MAFIC INTRUSIVE ROCK: Dark grey to grey-brown, medium textured unit with weak foliation and rare calcite veinlets. Rare to minor dissem. pyrite throughout. Upper contact disconformable @ 20 to c/a; lower conformable @ 42 to c/a.
- 236.5 246.5 HORNFELSIC METAVOLCANIC ROCKS: Dark grey, dense and fine grained but without marked banding. Foliation @ 40 to c/a.
246'---2cm white bull quartz band @ 45 to c/a.
- 246.5 249 MAFIC INTRUSIVE ROCK: as 233' but with only trace to rare dissem. pyrite. Upper contact conformable @ 38 to c/a. Lower contact broken.
- 249 256 HORNFELSIC METAVOLCANIC ROCKS: As at 236.5'.
255'---Foliation and banding @ 28 to c/a.
- 256 264 PORPHYRITIC SALIC INTRUSIVE ROCK: Minor biotite in moderately mafic groundmass with 30% white

feldspar (albite?) phenocrysts (to 3mm).
Conformable upper and lower contacts.

264 266.5 BANDED METAVOLCANIC ROCKS: As 96.5'.
Foliation @ 38 to c/a.

266.5 270 MAFIC INTRUSIVE ROCK: Med.-grey to black intrusive
with abundant fine black, bladed mafic in matrix,
with white and pink feldspar phenocrysts; and to
5% amoeboid pyrite aggregations. Upper contact @
40 to c/a; lower undulating subparallel t@ 30 to
c/a.

270 290 PREDDOMINANTLY BANDED METAVOLCANIC ROCKS: Med. to
dark grey, dense, f.g., distinctly banded with
minor quartz or calcite bands, and trace dissem.
pyrite. Tending coarser, more massive and more
calcic speckled in lowermost 2.5m.
281'---Foliation @ 40 to c/a.
291 to 299'---More speckled portion without
banding and only weak foliation @ 40 to c/a.
Gradational transition.

299 E.O.H. Hole completed.

Norman Stacey

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TEESHIN RESOURCES LTD

ALKENORE PROJECT.

ZONE 9.

DDH;85-4

SITE 2:6+39N,69+35W

DEPTH:249FEET

AZIMUTH:130

COLLAR:-45

STARTED:7 DEC. 1985

COMPLETED: 8 DEC. 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

0 13 OVERBURDEN---No core recovered.

13 59.5 HORNFELSIC METAVOLCANICS---Dark grey and lesser very dark green, med. f.g. dense with only rare, coarser textured, white carbonate speckled sections. Very weak foliation with trace to v. rare pyrite dissem. throughout.

59.5 69 MAFIC INTRUSIVE ROCKS: Dark grey-brown, m. f. textured intrusive with pyrite to 7% of sections to 10cm.

69 118 BANDED METAVOLCANIC ROCKS---Dark grey and dark grey-green, fine-grained, dense unit.
64 to 80'---Distinctive bands of black, graphitic, and white calcitic (to 3cm), with pyrite to 5%. Bands @ 60 to 70 to c/a.
104'---Dark grey and white bands @ 80 to c/a.
118'---Gradational lower contact.

118 169 HORNFELSIC METAVOLCANICS---As at 13' with pervasive mild. Trace dissem. pyrite and as rare minor remobilizations in calcite recemented, later, veinlets.

169 186 BANDED METAVOLCANIC ROCKS---As at 69 Feet with lesser grey-green or light green bands. Rare white quartzite bands and calcite veinlets.
178'---Banding @ 80 to c/a.

186 191 PREDOMINANTLY SALIC INTRUSIVE: Med.-light grey, v. dense, siliceous intrusive with minor white feldspar phenocrysts (to 1mm) and lesser bands (to 15cm) of dark green, bitoid matter.

191 212.5 HORNFELSIC METAVOLCANICS---Dark grey to grey-green, med. to crs textured and white carbonate speckled. Rare quartzite bands to 3cm and pervasive foliation @ 55 to c/a.

- 212.5 213.5 SALIC INTRUSIVE: As 186'. Light grey porphyry.
Conformable upper and lower contacts @ 60 to c/a.
- 213.5 220 HORNFELSIC METAVOLCANIC ROCKS: As 191' with
increased green chloritoid bands (to 2cm) and
laminae. Trace to very rare dissem. pyrite and
poss. trace chalcopyrite. Foliation @ 60 to c/a.
- 220 236 BANDED METAVOLCANIC ROCKS---As at 169 Feet with
distinctive banding @ 70 to 85 to c/a.
226 to 227'---Olive green, chlorite rich section.
- 236 238.5 SALIC INTRUSIVE---As 186'. Med. to light grey and
siliceous with feldspathic phenocrysts to 1mm. Upr
and Lwr c'tacts conformable @ 70 to c/a.
- 230.5 249 BANDED METAVOLCANIC ROCKS---As 220' with less
distinctive colour banding. Only v. rare qtz or
calcite veinlets. Rare more massive bands to 35 cm.
Banding @ 70 to c/a.
- 249 E.O.H. Hole completed.

Norman Stacey

TEESHIN RESOURCES LTD

ALKENORE PROJECT.

ZONE 9.

DDH;85-5

SITE 2:6+39N,69+35W

DEPTH:249FEET

AZIMUTH:130

COLLAR:-60

STARTED:29 NOV. 1985

COMPLETED:30 NOV. 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

- 0 12 OVERBURDEN---No core recovered.
- 12 37 HORNFELSIC METAVOLCANICS---Dark grey and lesser very dark green, med. to crs textured, white carbonate speckled unit. Very weak foliation with pervasive weak chloritization, and secondary chlorite scale on later fractures. Tends marginally more chloritic downsection.
28'---Weak foliation @ 60 to c/a.
37'---Sharp lwr c'tact @ 55 to c/a.
- 37 54 BANDED METAVOLCANIC ROCKS---Dark grey and dark grey-green, fine-grained, dense unit with minor quartzitic bands to 50cm. Banding generally @ 70 to c/a.
49' to 50.75'---grey-brown, massive quartz band.
53' to 54'---gradational lwr c'tact.
- 54 99 HORNFELSIC METAVOLCANICS---As at 12' with lesser chloritization and minor white calcite bands to 3cm.
83'---weak foliation @ 65 to c/a.
- 99 117.25' BANDED METAVOLCANIC ROCKS---As at 37 Feet with grey-green and brown bands more prevalent and marginally more distinctly banded.
112'---Banding @ 55 to c/a.
- 117.25 to 119.25: QUARTZ VEIN---Predominantly white bull quartz with minor green chloritoid inclusions; 7% to 10% pyrite as irregular inclusions (also probable arsenopyrite and poss. Tr. chalcopyrite).
117 to 120---Sampled.
- 119.25 to 162: HORNFELSIC METAVOLCANICS---Dark grey to grey-green, med. to crs textured and white carbonate speckled. Nearly massive with only very weak foliation.
125'---Foliation @ 70 to c/a.

156' ---Foliation @ 60 to c/a.

- 162 210 BANDED METAVOLCANIC ROCKS---As at 37 Feet with distinctive banding.
179' ---banding @ 85 to c/a.
187' ---15cm moderately silicic sill. Upr c'tact conformable @ 55 to c/a. Lwr @ 65 to c/a.
- 210 211.5 SALIC INTRUSIVE---med. to light grey and siliceous with feldspathic phenocrysts to 1mm. Upr and Lwr c'tacts conformable @ 65 to c/a.
- 211.5 to 225: HORNFELSIC METAVOLCANICS---As 12'. Distinctly speckled with more chloritic Upr section, and tending crsr downsection. sharp Lwr contact @ 70 to c/a.
- 225 237 BANDED METAVOLCANIC ROCKS---As 37' with distinctive colour banding.
228.25 to 228 75' ---Fine textured salic sill. Upr c'tact conformable @ 65 to c/a, Lwr @ 55 to c/a. Pheros subvisible.
- 237 240.5 SALIC INTRUSIVE---Light grey porphyry with rare bands (to 3cm) of granular chloritoid material. Upr c'tact sharp @ 70 to c/a; Lwr @ 90 to c/a with minor pyrite band (0.25cm) at c'tact.
- 240.5 to 249: BANDED METAVOLCANIC ROCKS---As 37'. more massive and less distinctly banded than some sections. VV f.g. texture. foliation @ 85 to c/a.
246' ---Very chloritic section (15cm) @ 70 to c/a.
- 249 E.D.H. ---Hole Completed.

Norman Street

TEESHIN RESOURCES LTD

ALKENDRE PROJECT.

ZONE 9.

DDH;85-6

SITE 2:6+39N,69+35W

DEPTH:349FEET

AZIMUTH:130

COLLAR:-72

STARTED:9 DEC. 1985

COMPLETED:10 DEC. 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

0 12.5 OVERBURDEN---No core recovered.

12.5 to 42 HORNfelsic METAVOLCANICS---Dark grey and lesser very dark green, med. to crs textured, white carbonate speckled unit. Foliation @ 80 to c/a. Only very minor chloritization.

42 to 56.5 BANDED METAVOLCANIC ROCKS---Dark grey and dark grey-green, fine-grained, dense unit. Moderately distinct banding generally @ 70 to c/a.
54'---8cm conformable white quartz band.
54' to 56.5'---Med. grey, calcic, laminated band. Distinct foliation @ 65 to c/a.

56.5 to 82 HORNfelsic METAVOLCANICS---As at 12.5' with increased chloritization downsection.
69 to 79'---Broken core. minor chlorite on irregular fractures, and rare "salmon-pink" calcite bands (to 3cm).

82 to 100 METAVOLCANIC ROCKS---Distinctive massive unit, fine to med. textured, grey-green, with wispy white lamellae and rare brown speckles. rare to minor drusy white calcite veinlets.
99'---Banding @ 60 to c/a.

100 to 127 BANDED METAVOLCANIC ROCKS.--- Similar to 42'. Generally distinctively banded brown and white in central portion, tending more massive and grey-green in lower section.
109'---Banding @ 60 to c/a.
119'---Banding @ 70 to c/a.
122 to 127'---More massive band with minor white feldspar phenocrysts to 1mm.

127 to 169': HORNfelsic METAVOLCANICS---As 12.5'.
139 to 140.5'---Black mafic rich, calcic sill with to 7% disseminated pyrite. 0.25cm thick pyrite

band along lower contact at 70 to c/a. Sample 139' to 141'.

152.5'---15cm section with epidote-green bands to 1cm @ 55 to c/a.

169'--- Gradational lower contact.

169 to 202.5: BANDED METAVOLCANIC ROCKS---As at 42'. Fine grained and moderately to weakly banded. Grey in upper section, tending marginally more chloritic in lower third.

183'---banding @ 85 to c/a.

202.5 to 203: SALIC INTRUSIVE---med. to light grey, dense and siliceous with feldspathic phenocrysts to 1mm. 7cm hostrock bands near centre. Upper contact @ 75 to c/a, Lower @ 60 to c/a.

203 to 240 HORNfelsic METAVOLCANICS---As 12.5'. Very rare calcite veinlets or bands to 0.5cm.

213.5 to 215'---Salic intrusive. (As 202.5') Upper contact @ 70 to c/a.

223'---Irregular pink and white calcite veinlet.

240 284 BANDED METAVOLCANIC ROCKS---As 42' with banding and calcite veinlet prominent in upper portion, tending more massive in lower portion. Minor salic sills.

241'--- Banding @ 55 to c/a.

251'--- Banding @ 75 to c/a.

255 to 256'---Salic sill; porphyritic. Upper contact @ 50 to c/a., Lower @ 40 to c/a.

259' to 284'---Generally more massive.

276'---Banding @ 80 to c/a.

284 287 BRECCIA:---Dark grey-brown, calcite speckled, weakly brecciated unit with minor disseminated pyrite. Upper contact @ 40 to c/a., lower @ 60 to c/a. Minor inclusions of banded metavolcanics.

287 289.25 SALIC INTRUSIVE---Light grey, porphyritic, siliceous unit. Feldspar phenos to 2mm. Rare disseminated pyrite throughout, and increased 55 bounding lower contact @ 70 to c/a. Upper contact @ 65 to c/a.

289.25 to 300: BANDED METAVOLCANIC ROCKS--As 42'. Distinctive banding @ between 70 & 80 to c/a.

300 to 301.5 SALIC INTRUSIVE;---Light grey and distinctly porphyritic to granitoid. 40% phenos, to 2mm. Upper and lower contacts @ 80 to c/a.

301.5 to 329. BANDED METAVOLCANIC ROCKS:---As 42'. Moderately distinct bands.

320' ---Banding @ 75 to c/a.

329 349 HORNFELSIC METAVOLCANICS:---As 12.5 feet. Rare
white calcite bands (to 0.25cm). Very weak
foliation, generally @ between 70 & 75 to c/a.
329' ---20' salic sill.
332' ---12 cm salic sill.
341' ---30cm section with minor pink calcite
inclusions to 1cm by 0.25cm.
349' --- Foliation @ between 65 & 70 to c/a.

349 E.D.H. ---Hole completed.

Norman Street

TEESHIN RESOURCES LTD

ALKENORE PROJECT.

ZONE 9.

DDH;85-7

SITE 2:6+39N,69+35W

DEPTH:247FEET

AZIMUTH:160

COLLAR:-45

STARTED:10 DEC. 1985

COMPLETED:12 DEC. 1985

DRILLED: LANGLEY DRILLING

LOGGED;N.W. STACEY

PLOTTED:PLAN 1

FROM TO * DESCRIPTION

(Feet)

0 13 OVERBURDEN---No core recovered.

13 120 HORNFELSIC METAVOLCANICS---Dark grey and lesser very dark green, med. to crs textured, white carbonate speckled unit. Very weak foliation and with lesser weakly banded sections.

31'---Weak foliation @ 55 to c/a.

40'---Irregular green chloritoid inclusions to 10cm by 5cm.

41'to 53'---Marginally finer textured, weakly banded section with rare fine pyrite lamellae.

56' to 57.5'---Salic intrusive sill with minor, indistinct feldspar phenos. upper contact @ 50 to c/a; lower contact broken.

104' to 120'---Marginally finer grained with rare colour banding and calcite bands @ 45 to c/a.

120 to 126.5 LAMINATED GRANITOID SECTION: Grey-brown with minor pyritic microbands. Minor feldspar phenos to 2mm, especially in lower portion.

126.5 to 150 BANDED METAVOLCANIC ROCKS:---Dark grey and dark grey-green, fine-grained, moderately distinctly banded with lesser more massive sections, and very rare pyrite lamellae.

150 to 185 HORNFELSIC METAVOLCANICS---As 13' with lesser chloritization and rare minor white calcite veinlets to 1.5cm, with very minor (to 2%) secondary pyrite.

153.5' to 154'---Calcite and epidote green bands @ 60 to c/a.

185 to 219.5' PREDOMINANTLY BANDED METAVOLCANIC ROCKS:---As 126.5' with minor, generally conformable, salic intrusives.

185'---20cm finely porphyritic salic band. Lower contact @ 60 to c/a.

152'---Banding @ 55 to c/a.

206.5 to 209'---Salic intrusive with very weak, rare phenos, but minor biotite aligned parallel to foliation @ 65 to c/a.

211'---Limited section with banding @ 40 to c/a.

211.5'---15cm irreg. chloritoid band with parallel contacts @ 45 to c/a.

212 to 219.5'---More massive section.

219.5'---Sharp lower contact @ 50 to c/a.

219.25 to 247: HORNFELSIC METAVOLCANICS---Dark grey to grey-green, med. to crs textured with weak foliation and rare drusy calcite veinlets.

241'---8cm irreg. white quartz veinlet with granular chloritoid matter and trace yellowish metallic. Sampled 240.5 to 241'.

247

E.O.H. HOLE COMPLETED

Norman Stacey



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : TEESHIN RESOURCES

221 ARICHAT ROAD
DAKVILLE, ONTARIO
L6J 6C6

CERT. # : A8518934-001-A
INVOICE # : 18518834
DATE : 11-DEC-85
P.O. # : NONE

ATTN: STAFFORD KELLEY

Sample description	Prep code	Au FA oz/T						
DDH85-1 77-80	207	<0.003	--	--	--	--	--	--
DDH85-1 181-184	207	0.013	--	--	--	--	--	--
DDH85-1 184-187	207	0.036	--	--	--	--	--	--

W. Sturges
.....
Registered Assayer, Province of British Columbia





Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : TEESHIN RESOURCES
221 ARCHAT ROAD
OAKVILLE, ONTARIO
L6J 6C6

** CERT. # : A8518868-001-A
INVOICE # : 18518868
DATE : 11-DEC-85
P.O. # : NONE

ATTN: STAFFORD KELLEY

Sample description	Prep code	Au oz/T RUSH FA					
DDH 85-2 75-78	236	<0.003	--	--	--	--	--
DDH 85-2 78-81	236	<0.003	--	--	--	--	--
DDH 85-2 81-84	236	<0.003	--	--	--	--	--
DDH 85-2 163-166	236	0.003	--	--	--	--	--

W. Stortmann

Registered Assayer, Province of British Columbia



Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Analytical Chemists • Geochemists • Registered Assayers

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : TEESHIN RESOURCES

** CERT. # : A8519100-001-A
INVOICE # : 18519100
DATE : 27-DEC-85
P.O. # :

221 ARICHAT ROAD
DAKVILLE, ONTARIO
L6J 6C6

ATTN: STAFFORD KELLEY

Sample description	Prep code	Au FA oz/T							
85-2 72 - 75	207	<0.001	--	--	--	--	--	--	--
85-2 104.5-107.5	207	<0.001	--	--	--	--	--	--	--
85-2 107.5-110.5	207	<0.001	--	--	--	--	--	--	--
85-2 160 -163	207	<0.001	--	--	--	--	--	--	--
85-3 52.5- 54.5	207	<0.001	--	--	--	--	--	--	--
85-3 69 - 72	207	<0.001	--	--	--	--	--	--	--
85-3 72 - 75.5	207	<0.001	--	--	--	--	--	--	--
85-3 75.5- 79	207	<0.001	--	--	--	--	--	--	--
85-3 79 - 82	207	0.001	--	--	--	--	--	--	--
85-3 193 -196	207	<0.001	--	--	--	--	--	--	--
85-3 196 -199	207	<0.001	--	--	--	--	--	--	--
85-3 199 -201.5	207	<0.001	--	--	--	--	--	--	--
85-4 59 - 62	207	0.001	--	--	--	--	--	--	--
85-4 63 - 66	207	<0.001	--	--	--	--	--	--	--
85-4 66 - 69	207	0.009	--	--	--	--	--	--	--
85-4 64 - 80	207	<0.001	--	--	--	--	--	--	--
85-5 117 -120	207	<0.001	--	--	--	--	--	--	--
85-6 139 -141	207	<0.001	--	--	--	--	--	--	--
95-6 284 -287	207	<0.001	--	--	--	--	--	--	--
DDH7 120 -126.5	207	<0.001	--	--	--	--	--	--	--
DDH7 241.5-242	207	<0.001	--	--	--	--	--	--	--

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 Registered Assayer, Province of British Columbia

VOI rev. 4/81

RFD 222

ZARN LAKE

11-30-31

Dricl

Michoud

33 M

34 M

32 M

31 M

Pa	Pa	Pa
485100	485101	485102

Pa	Pa	Pa
485122	485121	485120

Pa	Pa	Pa
485103	485104	485105

Pa	Pa	Pa	Pa
485124	485123	485128	485129

Pa	Pa	Pa	Pa
485130	485129	485128	485126

Pa	Pa	Pa	Pa	Pa	Pa
485134	485133	485132	485131	485128	485127

Pa	Pa	Pa	Pa
485011	485012	485013	485014

Pa	Pa	Pa
485010	485009	485008

Eastern L

Fore L

CUTTING
86/87

Ty L

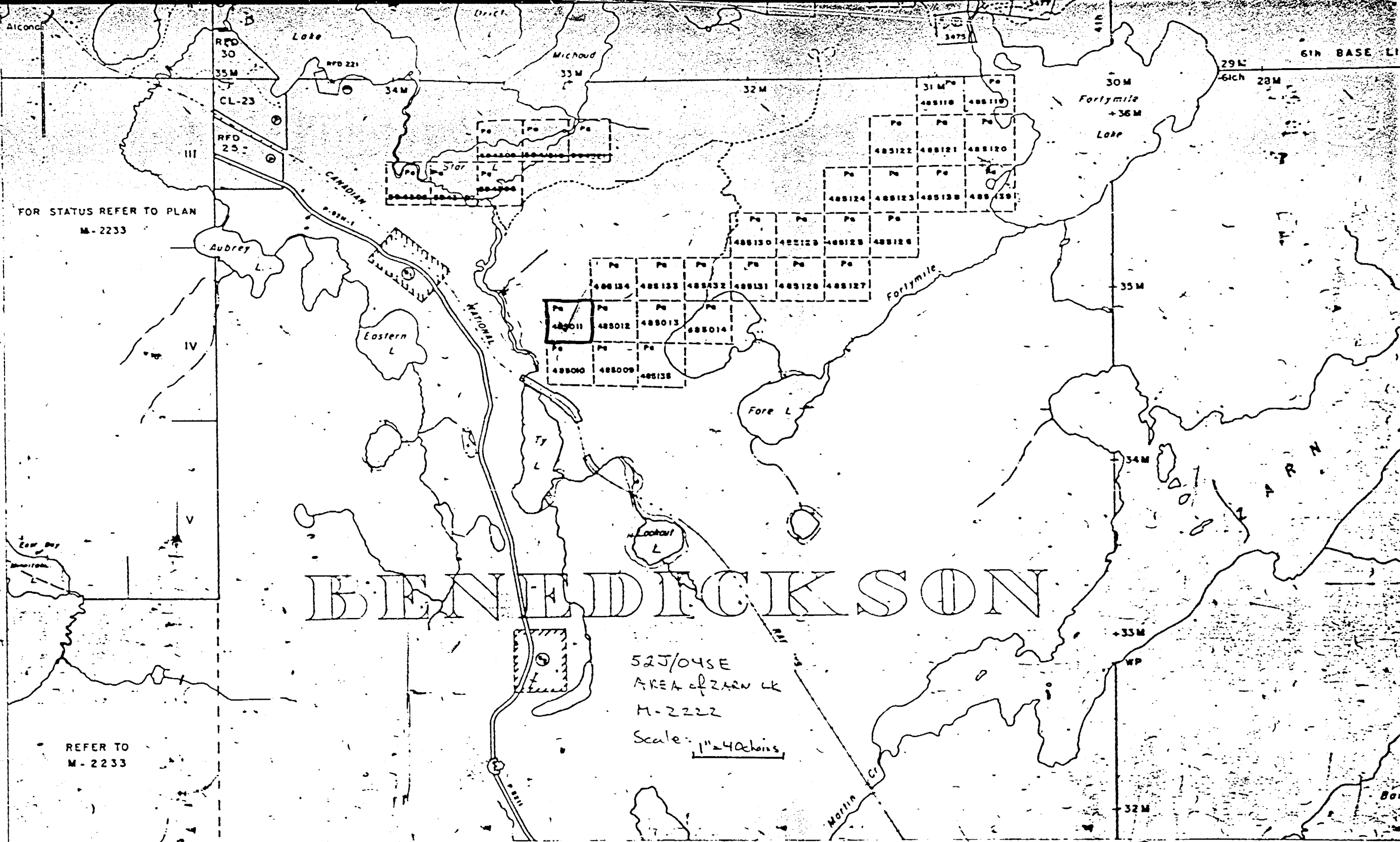
LOOKOUT

MENEDICKSON

RAILROAD

MORRIS Cr





FOR STATUS REFER TO PLAN
M-2233

REFER TO
M-2233

BENEDICKSON

52J/04SE
AREA of 2420 AC
M-2222
Scale: 1" = 40 chains

SMOCK LAKE M-3196

M-3196

50°00' 91°45' 44' 43' 42' 41' 40' 39' 38' 37' 36' 35'



52J04SE0010 52J04SE0020 ZARN LAKE

900

Ministry of
Natural
ResourcesReport #86-57
of Work ZARNLAKE M-2222
Mining ActInstructions - Supply required data on a separate form for each
type of work to be recorded (see table below).
- For Geo-technical work use form no. 1362 "Report
of Work (Geological, Geophysical, Geochemical and
Expenditures)".

Name	Postal Address of Recorded Holder	Prospector's Licence No.
Goldwin Resources Ltd., 221 Arichat Road,		T 1245
Oakville, Ontario, L6J 6C6		

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
1991	PA	485009	73.88	PA	485120	73.88	PA	485128	73.88
For Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey		485010	"		485121	"		485129	"
		485011	"		485122	"		485130	"
		485012	"		485123	"		485131	"
		485013	"		485124	"		485132	"
		485014	"		485125	"		485133	"
		485118	"		485126	"		485134	"
		485119	"		485127	"		485135	"
All the work was performed on Mining Claim(s): To be advised PA 485011								485138	"
								485139	"

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Drilling performed by : Langley Drilling a Division of W.G. Langley Ltd.

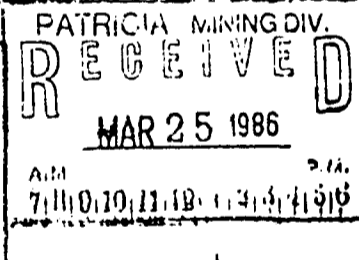
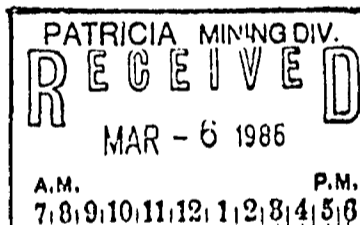
49 Jayfield Road,
Brampton, Ontario,
L6S 3G3 (invoice attached)

WORK ASSIGNMENT
EC 485011
4,000 - 1,547.12 = 2,452.88
deep balance

Between: November 29th and December 11th, 1985.

A total of 7 holes were drilled for total footage of 1,921 feet. (logs to follow).
BQ (1 7/16") core.

The core was logged by Norman W. Stacey, his report will follow.



← RECORDED AS OF MARCH 25/86

Pa. 485013

Date of Report March 3/86
Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying	Date Certified	Certified by (Signature)
Michael Coulter, 1551 Warland Road, Oakville, Ontario.	March 3/86	

Table of Information/Attachments Required by the Mining Recorder

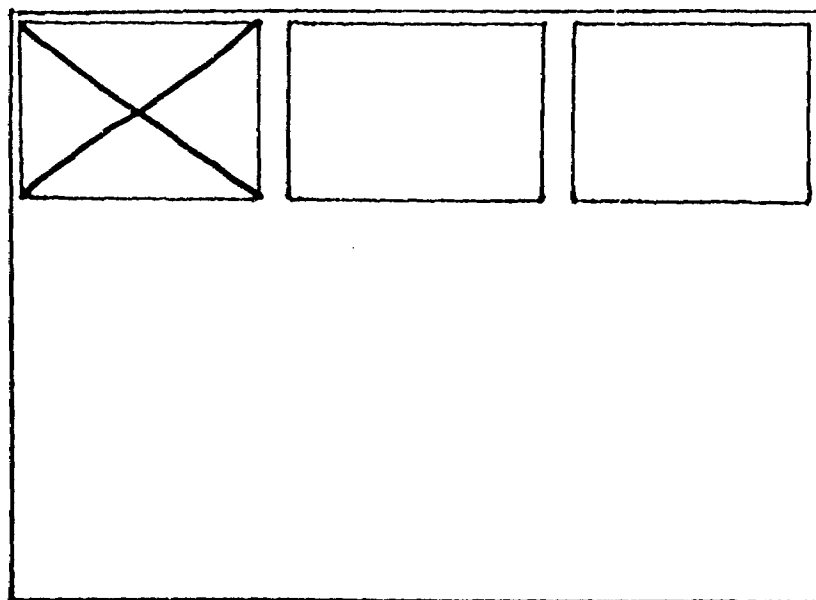
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work / operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work	APR 11 1986		
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyor.		

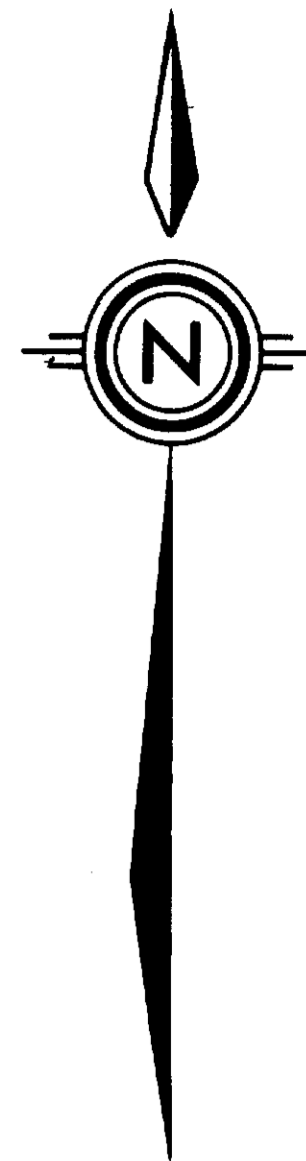
SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

52J/04SE-0020 # 1

LOCATED IN THE MAP
CHANNEL IN THE
FOLLOWING SEQUENCE

(X)





1000'± N.W. CORNER OF CLAIM OF 485011

- DDH 4 130° @ -45°
- DDH 5 130° @ -50°
- DDH 6 130° @ -72°
- DDH 7 160° @ -45°

SITE 2

Excavation Along Quartz Vein

TRENCH

TRENCH

TRENCH

SITE 1

- | | | | |
|-------|-------------|-------|-------------|
| DDH 1 | 210° @ -45° | DDH 1 | 210° @ -45° |
| DDH 2 | 340° @ -45° | DDH 2 | 340° @ -45° |
| DDH 3 | 340° @ -60° | DDH 3 | 340° @ -60° |

TEESHIN RESOURCES LTD.

ALKENORE PROJECT

ZONE 9

PLAN 1



SCALE IN FEET

TO ACCOMPANY REPORT BY N.W. STACEY, F.G.A.C.: DATED FEBRUARY 28, 1986



52J/04SE-0020, #1