

41009NW0123 12 ESTHER

010

DIAMOND DRILLING

TOWNSHIP: ESTHER

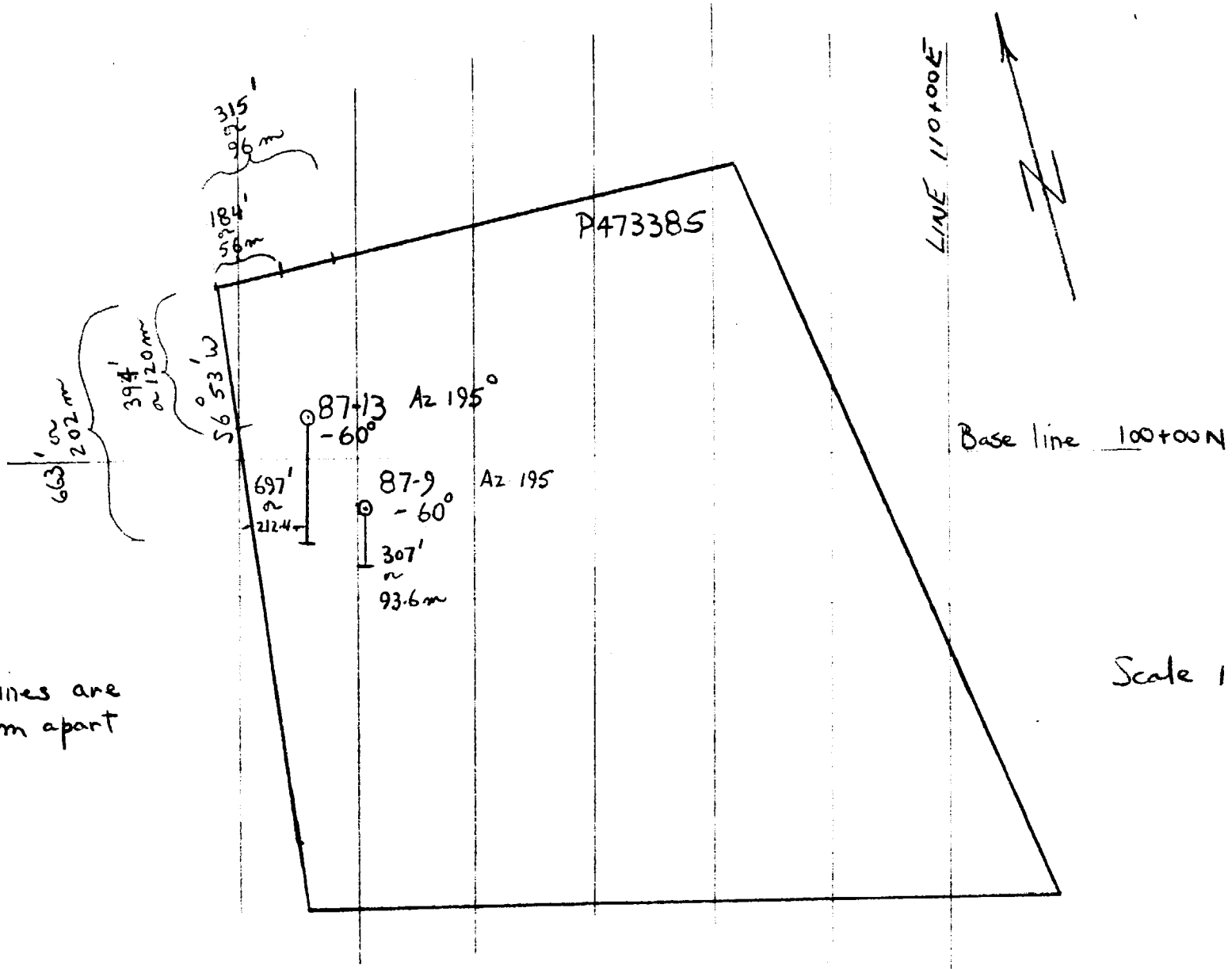
REPORT NO: 12

WORK PERFORMED FOR: Martin Lindsay Burton

RECORDED HOLDER: Same as above [xx]
: Other []

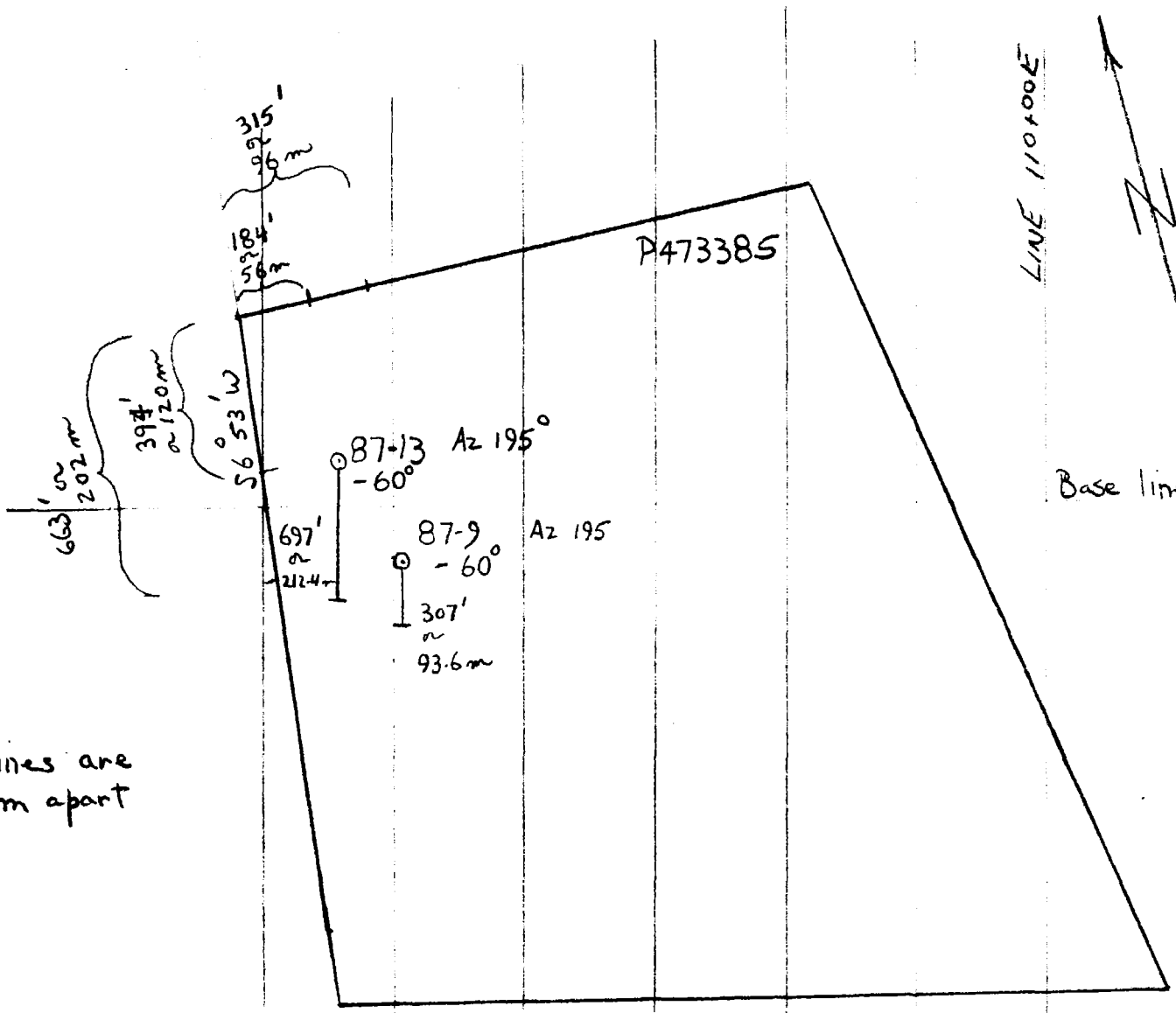
<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
648044	87-9	307'	July/87	(1)
473385	87-13	697'	July/87	(1)
648044	87-14	357'	July/87	(1)
473385	87-2	217'	July/87	(2)

NOTES: (1) #240-87, filed in Mar/88
(2) #322/87, filed June/88



note: lines are
100m apart

Scale 1:5000



note: lines are
100m apart

Scale 1:5000

DIAMOND DRILL HOLE 87-9

LOCATION: Claim 473385
735 feet S18.5°E from NE corner (#4 post) of claim
AZIMUTH: 195° INCLINATION: -60° CORE SIZE: BQ
STORAGE: Grandad Resources at Casey Mountain near New Liskard
HOLE LENGTH: Total hole length 307 feet
CONTRACTOR: N Morissette Canada Inc. DATE: July 20-21, 1987
LOGGED BY: Glenn R. Clark, P.Eng.

DESCRIPTION:

0-8 feet Overburden, cased no recovery
8-214 Meta-volcanics, intermediate to mafic in composition, dark green to green in colour minor pyrite throughout
35.1-35.5 Quartz vein, white with some chloritic fragments, vein at 40° to core axis
91.3-91.5 Quartz-carbonate vein @60°
92.5-98.0 Pyrite in small patches and disseminations
96-97 Alteration patches, carbonate with some epidote
103.6-105.9 Quartz-carbonate, bands, contortions and stringers (1/8 inch) nearly parallel to core, pyrite in patches and disseminated
131.7-132.0 Quartz vein, some pyrrhotite and pyrite with minor chalcopyrite, sulphides are increased near contact
214-234.9 Meta-sediments, or sheared meta-volcanics some quartz, pyrrhotite and arsenopyrite
214-216 Minor pyrite cubes and blotches
219.1-222 Some banded and disseminated pyrrhotite
234.6 Stringer of pyrrhotite cutting across shearing at 90°
234.9-237.6 Meta-volcanics, intermediate to mafic in composition, some patches of silicification minor pyrite, banding or shearing not as intense as above, shearing at 45-50°
237.6-307 Meta-volcanics, intermediate to mafic in composition, carbonate and quartz carbonate stringers, minor sulphides (pyrite) throughout foliation at 45-50°

END

Highest assay value was 0.002 oz Au/ton in meta-sediments

DIAMOND DRILL HOLE 87-13

LOCATION: Claim 473385
430 feet S17.5°E from NE corner (#4 post) of claim
AZIMUTH: 195° INCLINATION: -60° CORE SIZE: BQ
STORAGE: Grandad Resources at Casey Mountain near New Liskard
HOLE LENGTH: Total hole length 697 feet
CONTRACTOR: N Morissette Canada Inc. DATE: July 26-28, 1987
LOGGED BY: Glenn R. Clark, P.Eng.

DESCRIPTION:

- 0-11 feet Overburden, cased no recovery
- 7-47 Meta-volcanics, intermediate to mafic in composition, grey to green in colour, gabbroic texture, medium grained
23.0 1 inch quartz vein @ 45°
26.5 1 inch quartz vein @ 25°
- 47-112 Meta-volcanics, intermediate to mafic in composition, generally fine grained with some medium grained sections, some shearing or bedding weakly developed @30-50° to core, softer than section at start of hole, some siliceous sections
- 112-140 Meta-volcanics, similar to start of hole
129.5-130.4 Dark, fine grained band, upper contact at 60°, lower contact at 45°, contacts seem to be folded or faulted
- 140-216 Meta-volcanics, similar to section 47-112
165-178 Increased number of quartz stringers and bands, generally @50° to core
181.5-184 Quartz vein, fractured and vuggy, minor pyrite and limonite
185-186.5 Fractured and healed
192-193 Fractured and healed
- 216-255.5 Meta-volcanics, as at start of hole
- 255.5-277.5 Meta-volcanics, fine grained
258.5-261 Medium grained
267.2-269.8 Fine grained with some quartz
269.8-271.4 Fine grained with quartz bands, chloritic, banding @ 45°, possibly a tuff
- 277.5-505 Meta-volcanics, similar to start of hole
297.5-301.5 Carbonate with some quartz in banding and contortions, minor sulphides, chloritic and lighter green at end of section, banding at 30-50°

- 505-527 Meta-volcanics, intermediate to mafic in composition, grey to green in colour, sheared @45° to core, darkens in colour and has a carbonaceous, black appearance at 508, below 508 it is banded with chloritic and siliceous sections, some of the siliceous sections have a purple cast, the silicification and mineralization is not as developed as in the gold bearing zones above this hole, but it does have a similar appearance.
- 512.5 Quartz vein, 3 inches
- 515.5-516.8 Bands of quartz with pyrite, pyrrhotite and arsenopyrite
- 518-518.5 Pyrite and pyrrhotite in sheared section
- 520-522 Siliceous band with pyrite, pyrrhotite and arsenopyrite, arsenopyrite most obvious at 521.5
- 527-697 Meta-volcanics, intermediate to mafic in composition, medium to fine grained
- 585 Quartz vein with epidote, 6 inches
- 676.2-682.7 Dyke, fine grained, mafic, upper contact sheared at 20-30° to core

END

Section 515.5-522.0 averaged 0.02 oz Au/ton

DIAMOND DRILL HOLE 87-14

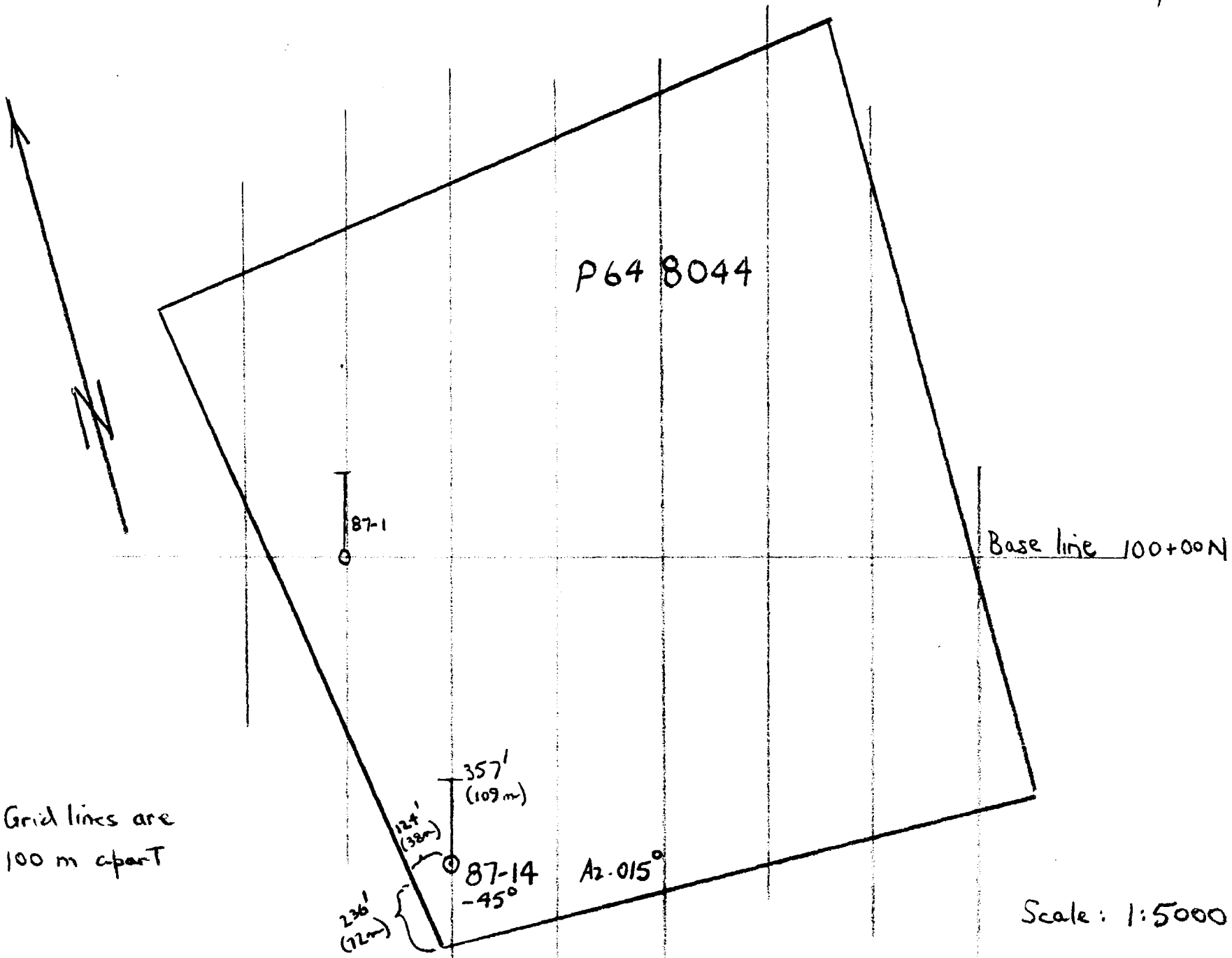
LOCATION: Claim 648044
266 feet N19°E from SE corner (#3 post) of claim
AZIMUTH: 015° INCLINATION: -45° CORE SIZE: BQ
STORAGE: Grandad Resources at Casey Mountain near New Liskard
HOLE LENGTH: Total hole length 357 feet
CONTRACTOR: N Morissette Canada Inc. DATE: July 29-30, 1987
LOGGED BY: Glenn R. Clark, P.Eng.

DESCRIPTION:

0-11 feet Overburden, cased no recovery
7-48 Meta-sediments, sheared, grey to green in colour, white carbonate banding at 80° to core
11-21 Carbonaceous material may be present
48-105 Intrusive, intermediate to mafic, medium to fine grained
100-103 Sheared at 20° to core, carbonate banding and contortions
105-162 Mafic intrusive
144 Quartz vein, 3 inches, @ 50°
148 Quartz vein, 3 inches, @ 45°
162-189 Meta-sediments, sheared, possibly tuffs, fine grained, green, intermediate in composition, quartz-carbonate bands at 45-50° to core, silicified sections spaced throughout (2-3 inches maximum)
183-185 Looks like the mineralized zones in holes to the west but the silicification and sulphide mineralization is not as well developed as in the gold bearing sections
189-357 Meta-volcanics, intermediate to mafic in composition, grey to green in colour, some carbonate and quartz stringers
346.4 Quartz vein, 3 inches
239 Sheared section, 3 inches @ 50°
288.5-301.7 Dyke, fine grained, mafic, similar to dyke in hole 87-13, some coarse grained inclusions (gabbroic)

END

Highest gold value obtained 183.7-184.4 is 99 ppb



P64 8044

Base line 100+00N

87-1

357'
(109m)

124'
(38m)

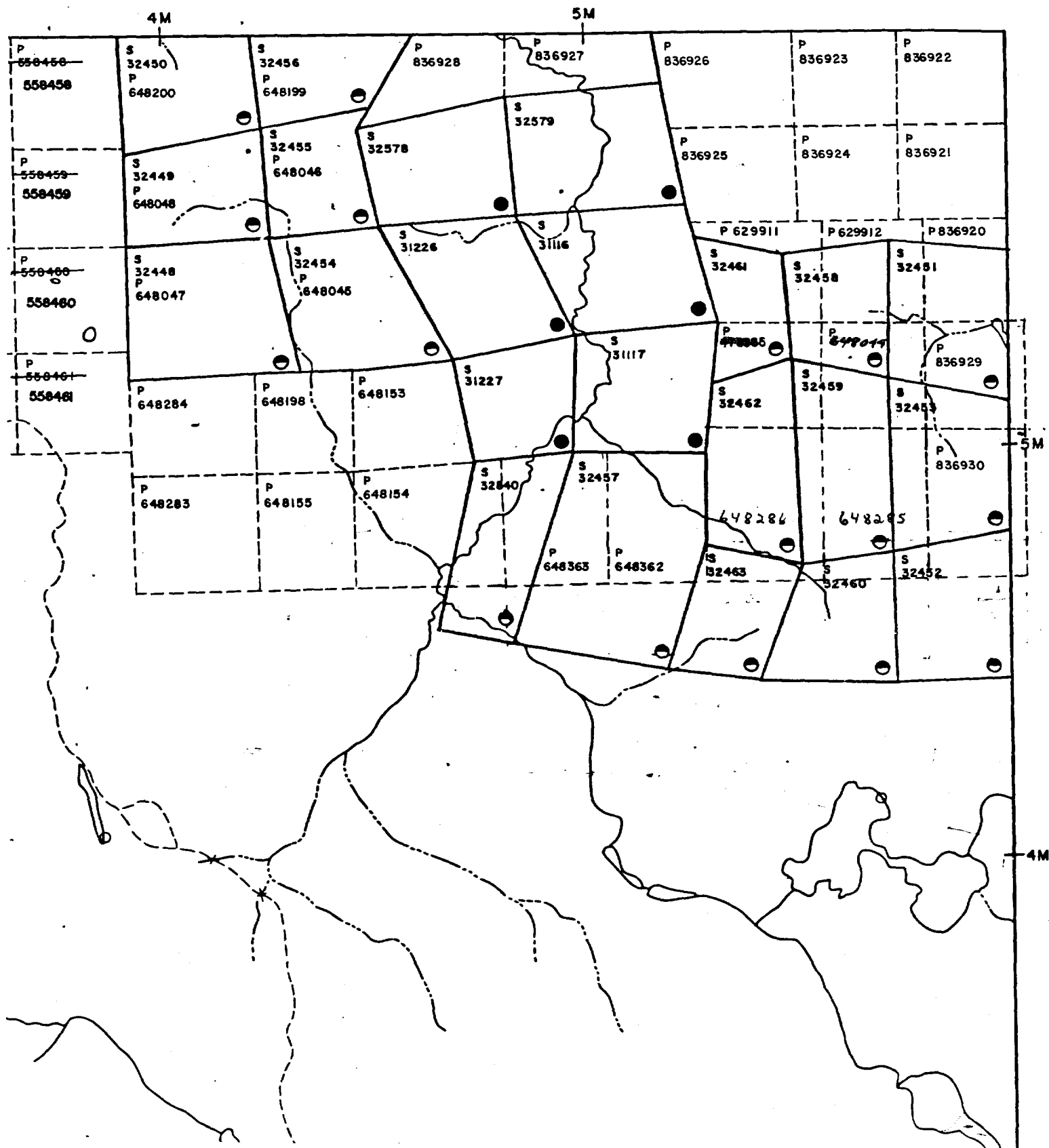
87-14
-45°

Az. 015°

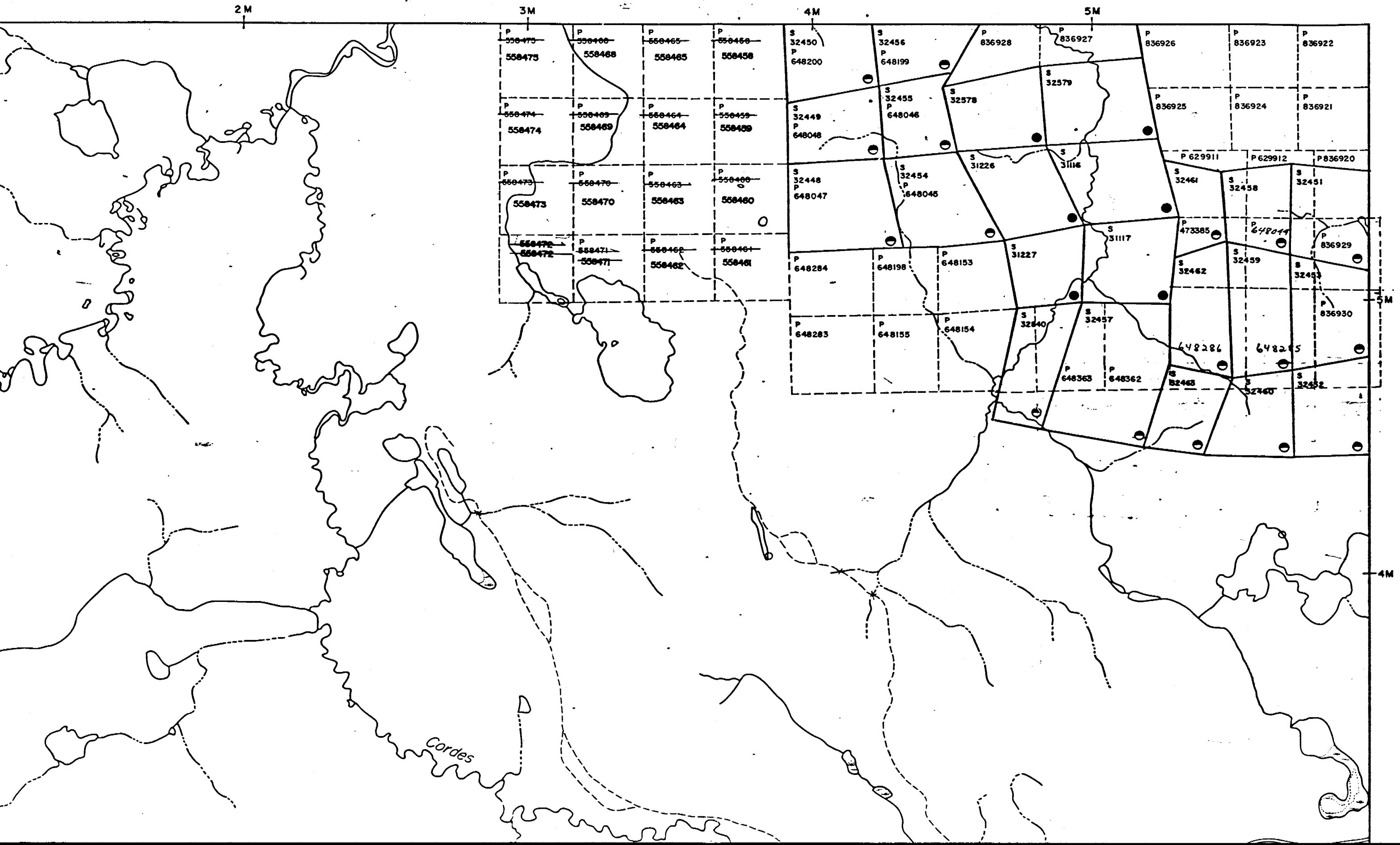
236'
(72m)

note: Grid lines are
100 m apart

Scale: 1:5000



BENTON TWP.



DIAMOND DRILL HOLE 87-2

LOCATION: Claim 473385
623 feet South from NE corner (#4 post) of claim
AZIMUTH: 195° INCLINATION: -45° CORE SIZE: BQ
STORAGE: Grandad Resources at Casey Mountain near New Liskard
HOLE LENGTH: Total hole length 217 feet
CONTRACTOR: N Morissette Canada Inc. DATE: July 12, 1987
LOGGED BY: Glenn R. Clark, P.Eng.

DESCRIPTION:

- 0-3 feet Overburden, no recovery
- 3-57 Meta-volcanics, intermediate to mafic in composition, medium to fine grained, dark green, minor quartz-carbonate stringers, looks like it could be a massive andesite, thin section examination of a sample from 37' suggests possibly a diorite as the protolith
- 57-77 Meta-volcanics, similar in appearance to above section but darker coloured and finer grained
60.1 $\frac{1}{2}$ inch quartz and with minor sulphides,
@ 30° to core axis
69.9-72.5 quartz and feldspar in bands and patches, some fine pyrite present
Sample 4601: 68.9-71.5 feet - Tr Au
Sample 4602: 71.5-73.5 feet - Tr Au
Sample 4603: 76.5-79.6 feet - Tr Au
- 77-97 Meta-gabbro, medium to coarse grained, fine disseminated sulphides
Sample 4614: 87-90 feet - Tr Au, <50 ppb Pt,
12 ppb Pd
- 97-135 Meta-gabbro, medium to fine grained
- 135-160 Meta-gabbro, medium to coarse grained, lighter colour than the above sections
Sample 4610: 137-140 feet - Tr Au, <50 ppb Pt,
11 ppb Pd
Sample 4613: 140-143 feet - Tr Au, <50 ppb Pt,
12 ppb Pd
Sample 4611: 147-150 feet - Tr Au, <50 ppb Pt,
10 ppb Pd
Sample 4612: 157-160 feet - Tr Au, <50 ppb Pt,
11 ppb Pd
- 160-217 Meta-gabbro, sheared, (possibly an andesite tuff), colour generally dark green to black with some lighter coloured sections. Thin

section examination of a sample from 197 shows a strong foliation with alignment of flaky chlorite grains. This sample is probably best described as a chlorite schist, although the whole section might not be described that way

160-180.5 small chloritic patches are visible
Sample 4604: 177-180.5 feet - Tr Au
180.5-183 shearing at 45° to core axis, 1 inch quartz vein at 180.6

Sample 4605: 180.5-183 feet - Tr Au
183-184.7 shearing contorted at start of section, sulphides (pyrite, pyrrhotite and arsenopyrite) parallel to banding, increased quartz at end of section

Sample 4606: 183-184.7 feet - Tr Au
184.7-186 banding increased but sulphide content less than previous section

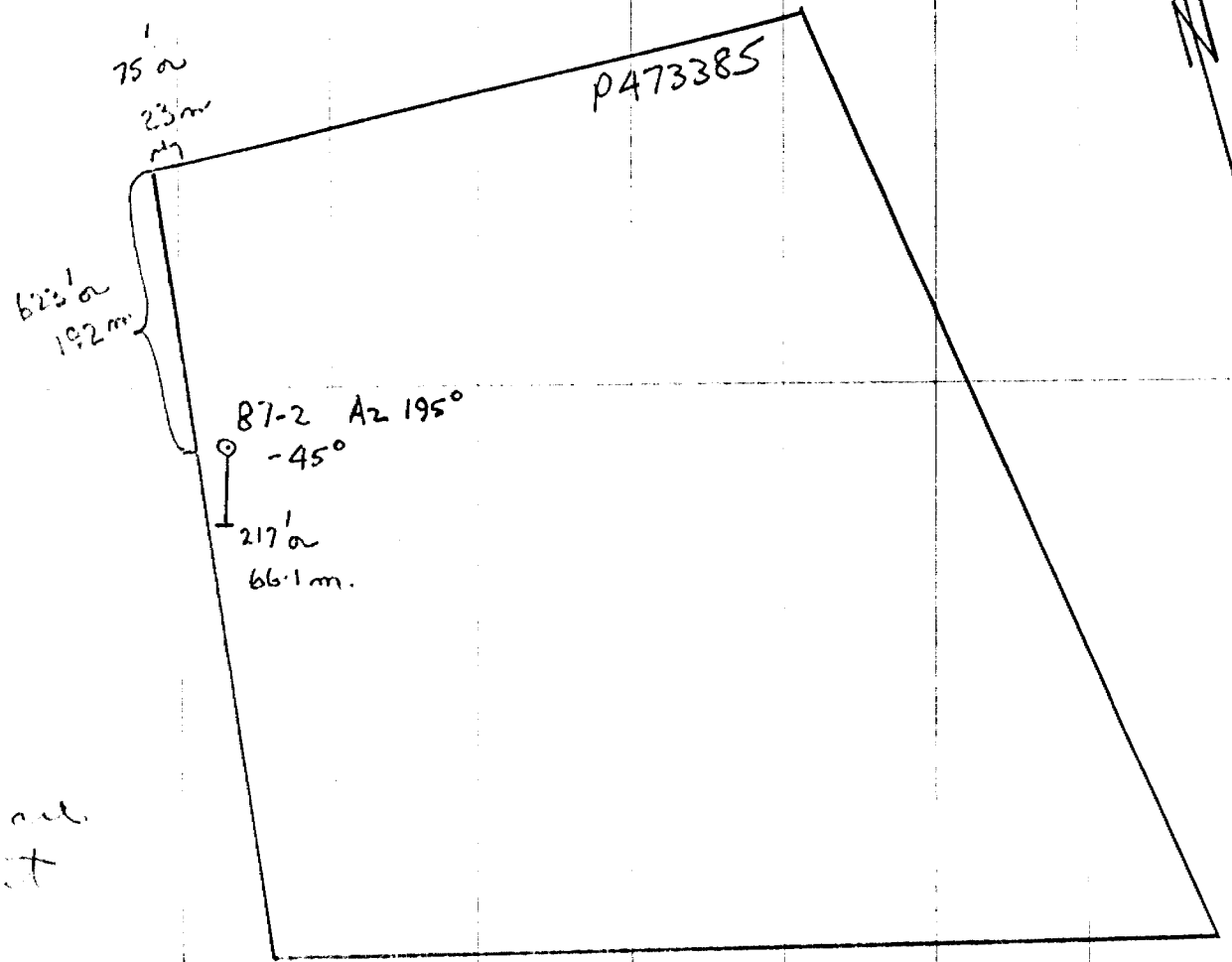
Sample 4607: 184.7-186 feet - 0.016 oz Au/ton
186-186.7 quartz veining with sulphides (py, po asp)

Sample 4608: 186-186.7 feet - 0.133 oz Au/ton
186.7- 187.2 lighter colored

Sample 4609: 186.7-187.2 feet - Tr Au

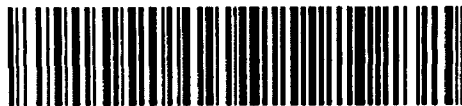
END





notes: lines are
106m apart

Scale
1:5000



ESTHER TWP.

The Miner

Name and Postal Address of Recorded Holder: **MARTIN LINDSAY BURTON**
352 HOWEY DRIVE, SUDBURY ONT.
 Prospector's Licence No.: **C 22311**
P 3 B 1 E 8

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1361	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
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	P	648198	100	P	648044	55			
		648199	100		648045	100			
		648200	100		648046	100			
		648283	100		648362	100			
		648284	100		648363	100			
		648153	100		648285	100			
		648154	100		648286	100			
	648155	100							

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

Diamond Drilling by
N. Moissette Canada Inc
Haileybury, Ont. P0J 1K0

Hole 87-9 drilled July 20-21, 1987, Depth 307' Size BQ.
 87-13 " July 26-28, 1987, Depth 697' Size BQ
 87-14 " July 29-30, 1987, Depth 357' Size BQ

WORK was done on claims P 648044 and P 473385

RECEIVED
OCT 15 1987

RECORDED
SEP 11 1987

Date of Report: Sept. 10, 1987
 Recorded by: [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: **GLENN R CLARK**

RR1 ORONO ONT. L0B1M0
 Date Certified: Sept 10, 1987
 Certified by (Signature): [Signature]

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			
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.		

Name and Postal Address of Recorded Holder: **MARTIN LINDSAY BURTON**
 352 HOWEY DRIVE SUBURRY ONTARIO P3B 1E8
 Prospector's Licence No.: **Ester Twp C 223 11**

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.
217	P	648286	94						
		558458	100						
		558459	23						

for Performance of the following work. (Check one only)

- Manual Work
- Shaft Sinking Drifting or other Lateral Work.
- Compressed Air, other Power driven or mechanical equip.
- Power Stripping
- Diamond or other Core drilling
- Land Survey

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

Diamond Drilling by
 N. Marisette Canada Inc
 Haileybury, Ontario, P0U 1K0
 Hole 87-2, drilled July 12/87, Depth 217ft, size 13Q

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 RESEARCH OFFICE
 JAN 5 1988
 RECEIVED.

Work was done on claim P 473385
 NOV 2 1987

RECORDED
 NOV 02 1987

Date of Report: **Oct. 30/87**
 Recorded Holder or Agent (Signature): *Glenn R Clark*

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: **GLENN R CLARK**
 RRI ORONO ONT. L0B1M0
 Date Certified: **Oct. 30/87**
 Certified by (Signature): *Glenn R Clark*

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			
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 surveyer.		