

DIAMOND DRILLING



41104NW0029 0011A1 MONGOWIN

010

TOWNSHIP: Mongowin

REPORT No.: 18

WORK PERFORMED BY: Ascona Petroleum Ltd.

| <u>CLAIM No.</u> | <u>HOLE No.</u> | <u>FOOTAGE</u> | <u>DATE</u> | <u>NOTE</u> |
|------------------|--------------------|-----------------|-------------|-------------|
| S 576439 | 82-2 | 60.80m | July/82 | (1) |
| | 82-3 | 91.20m | Aug/82 | (1) |
| | 82-4 | 57.87m | Aug/82 | (1) |
| | 82-5 | 60.28m | Aug/82 | (1) |
| | <u>Total: 4 DH</u> | <u>270.15 m</u> | | |

NOTES: (1) #99-82

DIAMOND DRILL LOG

| | | |
|---|---------------------------|---------------|
| Company: Ascona Petroleum Limited | | Hole No. 82-2 |
| Location: Mongowin Twp. | Date Started: July 29/82 | Page No. 1 |
| Level: Surface | Date Finished: July 30/82 | Core Size: BQ |
| Bearing: N41°E | Logged by: G. Hinse | Acid Tests: |
| Inclination: -52° | Core Saved: | At 30m -45° |
| Total Depth: 60.80m | Elevation: | At 60m -43° |
| Location of Collar: 56.0m East, 22.0m South | Pjt: 1053 | |

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|---|------------------|-------------|--------------|
| 0.00-6.08 | Casing | | | |
| 6.08-8.28 | Quartz vein, milky white, glassy, 20 to 30% red. feldspathization and amph. along fractures, pred. 30° to c.a. Lower contact 30° to c.a. Few very fine specks of py associated with feld'n. | 1438 | 6.08-7.18 | TR |
| | | 1439 | 7.18-8.28 | TR |
| 8.28-13.38 | Quartzite, med. gr'd, med. gy-red, lam'd 45° to c.a., locally sil'd along fractures. 8.28-9.32, weakly sheared, 30° | | | |
| | 20% quartz veining, introduced as breccia matrix, largest 3cm at 11.67, few fine grains of pyrite along contacts of quartz and associated with green hornblende. | 1440 | 11.04-11.73 | TR |
| | 12.16, 7cm quartz vein | 1441 | 11.73-12.32 | TR |
| | 12.30-12.71, highly sheared, 10-20° to c.a., 10% quartz | 1442 | 12.32-13.53 | TR |
| | 12.71-13.38, amphibolitized, weakly sheared, 45° to c.a., 10% quartz. | | | |
| 13.38-19.57 | Amphibolite, dark grey, fine gr'd, weak-med. sheared 45° to c.a. Contains few fragments of quartzite. | | | |
| 19.57-24.62 | Breccia zone, mixture of red quartzite, amphibolite and quartz, lower contact well sheared, few specks of pyrite. | | | |
| | 60% red quartzite, 30% amphibole, 10% quartz | 1443 | 19.57-21.28 | .005 |
| | 80% amphibolite, 10% quartzite, less than 10% quartz | 1444 | 21.28-21.86 | TR |
| | 70% amphibolite, 30% quartz | 1445 | 21.86-22.28 | TR |
| | 60% amphibole, 40% quartz | 1446 | 22.28-22.80 | TR |
| | Amphibolite, less than 10% quartz | 1447 | 22.80-23.27 | TR |

DIAMOND DRILL LOG

Company: Ascona Petroleum Limited
Mongowin Township - Project 1053

Hole No. 82-2
Page No. 2

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|--|--|--|--------------------------------------|
| | Amphibolite, 10-20% quartz | 1448 | 23.27-24.05 | TR |
| | Amphibolite, less than 10% quartz | 1449 | 24.05-24.62 | .005 |
| 24.62-60.80 | Amphibolite, fine gr'd, dark grey-green, massive, traces fine disseminated pyrite. 24.62-24.90, med. sh'd 45° to c.a. 24.90, sil'd amphibolite, up to 10% quartz veining, 1-2% pyrite, traces of magnetite, weakly sheared 35-45° to c.a. | 1450 1451 1452 1453 1454 1455 | 24.90-25.84 25.84-26.97 26.97-28.20 28.20-29.93 29.93-31.15 31.15-33.03 | TR TR .005 TR TR .005 |
| | 60-70% quartz, 4-5% pyrite, irregular, parallel to 45° to c.a. 20% quartz, 1% pyrite | 1456 1457 | 38.10-38.85 59.73-60.35 | .03 TR |
| 60.80 | End of Hole | | | |
| | | | Sludge Assays | |
| | | 1420 | 6.08-9.12 | TR |
| | Drilled by R & J Poisson Drilling | 1421 | 9.12-12.16 | .005 |
| | P.O. Box 823 | 1422 | 12.16-15.20 | .005 |
| | Val Caron, Ontario POM 3A0 | 1423 | 15.20-18.24 | TR |
| | | 1424 | 18.24-21.28 | TR |
| | Core stored at G.Hinse, | 1425 | 21.28-24.32 | TR |
| | Whitewater Lake, Chelmsford, Ont. | 1426 | 24.32-27.36 | .005 |
| | | 1427 | 27.36-30.40 | TR |
| | | 1428 | 30.40-33.44 | .005 |
| | | 1429 | 33.44-36.48 | TR |
| | | 1430 | 36.48-39.52 | .03 |
| | | 1431 | 39.52-42.56 | .02 |
| | | 1432 | 42.56-45.60 | TR |
| | | 1433 | 45.60-48.64 | .01 |
| | | 1434 | 48.64-51.68 | .005 |
| | | 1435 | 51.68-54.72 | .005 |
| | | 1436 | 54.72-57.76 | .005 |
| | | 1437 | 57.76-60.80 | .01 |

G. J. Hinse
AUG 30 1982

DIAMOND DRILL LOG

| | | |
|--|-----------------------------|---------------|
| Company: Ascona Petroleum Limited | | Hole No. 82-3 |
| Location: Mongowin Twp. | Date Started: August 4/82 | Page No. 1 |
| Level: Surface | Date Finished: August 11/82 | Core Size: BQ |
| Bearing: N41°E | Logged by: G. Hinse | Acid Tests: |
| Inclination: -45° | Core Saved: | At 30m -47° |
| Total Depth: 91.20m | Elevation: | At 60m -45° |
| Location of Collar: 69.0m East 57.0m South | Pjt: 1053 | At 90m -44° |

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|--|------------------|-------------|--------------|
| 0.00-1.20 | Casing | | | |
| 1.20-91.20 | Quartzite, pink to brick-red, coarse grained, massive, few specks of pyrite, local narrow greywacke section, minor quartz veining. | | | |
| | 14.35-15.20, 70% white glassy quartz in two veins, weakly brecciated, altered, 70-90° to c.a. | 1477 | 14.35-15.20 | TR |
| | 27.36, bedding, 45° to c.a. | | | |
| | 32.52-33.72, greywacke, quite coarse, almost a quartzite, 55° to c.a. | | | |
| | 41.89-42.22, 10-15% quartz veining, altered, weakly brecciated | 1478 | 41.89-42.22 | TR |
| | 46.20-46.66, 20% quartz, altered | 1479 | 46.20-46.66 | TR |
| | 42.86-43.67, fine grained quartzite, brecciated, 3-5% fine pyrite | 1480 | 42.86-43.67 | TR |
| | 54.40-54.72, dark grey-red, fine grained, highly sheared, 60-70° to c.a. | | | |
| | 61.70, 65° to c.a. | | | |
| | 69.50-72.96, sheared and brecciated, 30-40% amphibolitic material, 2" gouge at 71.02 | | | |
| | Minor quartz | 1481 | 69.50-69.92 | TR |
| | 30-40% quartz | 1482 | 69.92-70.92 | Nil |
| | 30-40% quartz, 4cm vein at 71.72, 70° to c.a. | 1483 | 70.92-71.44 | TR |
| | 30-40% quartz | 1484 | 71.44-72.24 | TR |
| | | 1485 | 72.24-72.96 | TR |
| | Brecciated red quartzite, 10% quartz veining, 1-2% pyrite | 1486 | 82.83-83.60 | .005 |
| 91.20 | End of Hole | | | |

DIAMOND DRILL LOG

Company: Ascona Petroleum Limited
Mongowin Township - Project 1053

Hole No. 82-3
Page No. 2

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|--|------------------|-------------|--------------|
| | Drilled by: R & J Poisson Drilling P.O. Box 823 Val Caron, Ontario PUM 3A0 | 1458 | 0.00-3.04 | TR |
| | Core Stored: G. Hinse | 1459 | 3.04-6.08 | TR |
| | Whitewater Lake | 1460 | 6.08-9.12 | TR |
| | Chelmsford, Ontario | 1461 | 9.12-12.16 | TR |
| | | 1462 | 12.16-15.20 | .005 |
| | | 1463 | 15.20-18.24 | .005 |
| | | 1464 | 18.24-21.28 | .005 |
| | | 1465 | 21.28-24.32 | .005 |
| | | 1466 | 24.32-30.40 | TR |
| | | 1467 | 30.40-36.48 | TR |
| | | 1468 | 36.48-42.56 | TR |
| | | 1469 | 42.56-48.65 | TR |
| | | 1470 | 48.65-54.73 | TR |
| | | 1471 | 54.73-60.80 | TR |
| | | 1472 | 60.80-66.88 | TR |
| | | 1473 | 66.88-72.96 | .005 |
| | | 1474 | 72.96-79.04 | .005 |
| | | 1475 | 79.04-85.12 | .005 |
| | | 1476 | 85.12-91.20 | .005 |

G. J. Hinse

II-AY-27...2

AUG 30 1982

DIAMOND DRILL LOG

| | | |
|---|-----------------------------|---------------|
| Company: Ascona Petroleum Limited | | Hole No. 82-4 |
| Location: Mongowin Twp. | Date Started: August 12/82 | Page No. 1 |
| Level: Surface | Date Finished: August 14/82 | Core Size: BQ |
| Bearing: N41°E | Logged by: G. Hinse | Acid Tests: |
| Inclination: -45° | Core Saved: | At 30m -46° |
| Total Depth: 47.87m | Elevation: | At 60m -43° |
| Location of Collar: 72.0m East, 34.0m South | Pjt: 1053 | |

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|---|--|--|------------------------------------|
| 0.00-1.40 | Casing | | | |
| 1.40-34.10 | Quartzite, coarse grained, medium red, massive, few specks of pyrite, some narrow greywacke sections. 12.16, 35° to c.a. 30.40, brecciation increases down hole, highly brecciated at 34.10 | | | |
| 34.10-35.18 | Vein zone, highly brecciated, white quartz fragments in a pred. green chlorite matrix 34.84-35.18, 80% highly sheared green chlorite, gouge, 45° to c.a. | 3602 | 34.10-35.18 | .02 |
| 35.18-47.87 | Brecciated quartzite, pinkish grey to red, highly brecciated with quartz matrix. In general 10 to 15% quartz at random angles to c.a. Few specks of pyrite. 10-20% quartz Red quartzite, minor quartz 10% quartz, grey-red Grey-red quartzite, minor quartz Grey, minor quartz Grey, 50% quartz 41.04, brecciation decreases, only minor quartz. | 3603 3604 3605 3606 3607 3608 | 35.18-36.19 36.19-36.85 36.85-37.75 37.75-38.73 38.73-40.20 40.20-41.04 | TR .005 TR TR TR TR |
| 47.87 | End of hole | | | |

DIAMOND DRILL LOG

Company: Ascona Petroleum Limited
Mongowin Township - Project 1053

Hole No. 82-4
Page No. 2

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|--|-----------------------------------|------------------|-------------|--------------|
| Drilled by R & J Poisson Drilling P.O. Box 823 Val Caron, Ontario POM 3A0 Core Stored at G. Hinse Whitewater Lake Chelmsford, Ontario | | | | |
| Sludge Assays | | | | |
| | | 1487 | 0.00-3.04 | TR |
| | | 1488 | 3.04-6.08 | TR |
| | | 1489 | 6.08-9.12 | TR |
| | | 1490 | 9.12-12.16 | TR |
| | | 1491 | 12.16-15.20 | TR |
| | | 1492 | 15.20-18.24 | .005 |
| | | 1493 | 15.20-18.24 | TR |
| | | 1494 | 18.24-21.28 | TR |
| | | 1495 | 21.28-24.32 | TR |
| | | 1496 | 24.32-27.36 | TR |
| | | 1497 | 27.36-30.40 | TR |
| | | 1498 | 30.40-33.44 | TR |
| | | 1499 | 33.44-36.48 | TR |
| | | 1500 | 36.48-39.52 | TR |
| | | 3601 | 39.52-48.64 | TR |

IIAY-28...2

G. J. Hinse

AUG 30 1982

DIAMOND DRILL LOG

| | | |
|--|-----------------------------|---------------|
| Company: Ascona Petroleum Limited | | Hole No. 82-5 |
| Location: Mongowin Twp. | Date Started: August 16/82 | Page No. 1 |
| Level: Surface | Date Finished: August 18/82 | Core Size: BQ |
| Bearing: N41°E | Logged by: G. Hinse | Acid Tests: |
| Inclination: -45° | Core Saved: | At 30m -45° |
| Total Depth: 60.28m | Elevation: | At 60m -45° |
| Location of Collar: 102.0m East, 34.0m South | Pjt: 1053 | |

| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|--|------------------|-------------|--------------|
| 0.00-1.72 | Casing | | | |
| 1.72-35.56 | Red quartzite, coarse grained, massive, few specks of pyrite and quartz veinlets. Locally grey-buff over narrow sections. In general, lineated 45-55° to c.a. | | | |
| | 23.20-24.72, slightly pitted, weathered | 3629 | 34.10-34.96 | NIL |
| | 34.10-35.56, slightly pitted, weathered | 3630 | 34.96-35.56 | NIL |
| 35.56-36.26 | Fault zone, pitted, weathered, no quartz veining | 3631 | 35.56-36.26 | TR |
| 36.26-60.28 | As before, 1.72 to 35.56 | | | |
| | 43.36, increase up to 60% in sections of grey-red quartzite, medium grained, lineated 45° to c.a. | 36.32 | 36.26-37.18 | TR |
| | 55.32-58.66, very coarse section, microconglomerate? | | | |
| | 58.46, lineated 30° to c.a. | | | |
| 60.28 | End of hole | | | |

Drilled by R & J Poisson
P.O. Box 823
Val Caron, Ontario POM 3A0

Core stored: G. Hinse
Whitewater Lake
Chelmsford, Ontario

DIAMOND DRILL LOG

Company: Ascona Petroleum Limited
Mongowin Township - Project 1053

Hole No. 82-5
Page No. 2

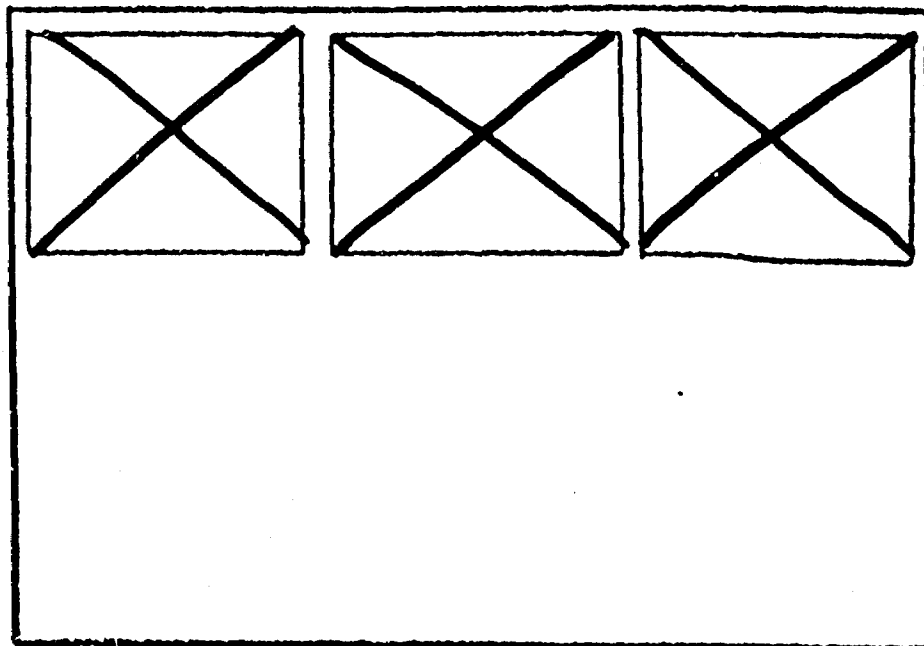
| Footage From - To | Geological & Physical Description | Sample Number | From - To | Au oz/ton |
|----------------------|-----------------------------------|------------------|---------------|--------------|
| | | | Sludge Assays | |
| | | 3609 | 0.00-3.04 | TP |
| | | 3610 | 3.04-6.08 | TR |
| | | 3611 | 6.08-9.12 | NIL |
| | | 3612 | 9.12-12.16 | TR |
| | | 3613 | 12.16-15.20 | NIL |
| | | 3614 | 15.20-18.24 | TR |
| | | 3615 | 18.24-21.28 | TR |
| | | 3616 | 21.28-24.32 | TR |
| | | 3617 | 24.32-27.36 | NIL |
| | | 3618 | 27.36-30.40 | NIL |
| | | 3619 | 30.40-33.44 | TR |
| | | 3620 | 33.44-36.48 | TR |
| | | 3621 | 36.48-39.52 | TR |
| | | 3622 | 39.52-42.56 | TR |
| | | 3623 | 42.56-45.60 | TR |
| | | 3624 | 45.60-48.64 | NIL |
| | | 3625 | 48.64-51.68 | TR |
| | | 3626 | 51.68-54.72 | NIL |
| | | 3627 | 54.72-57.76 | NIL |
| | | 3628 | 57.76-60.80 | TR |

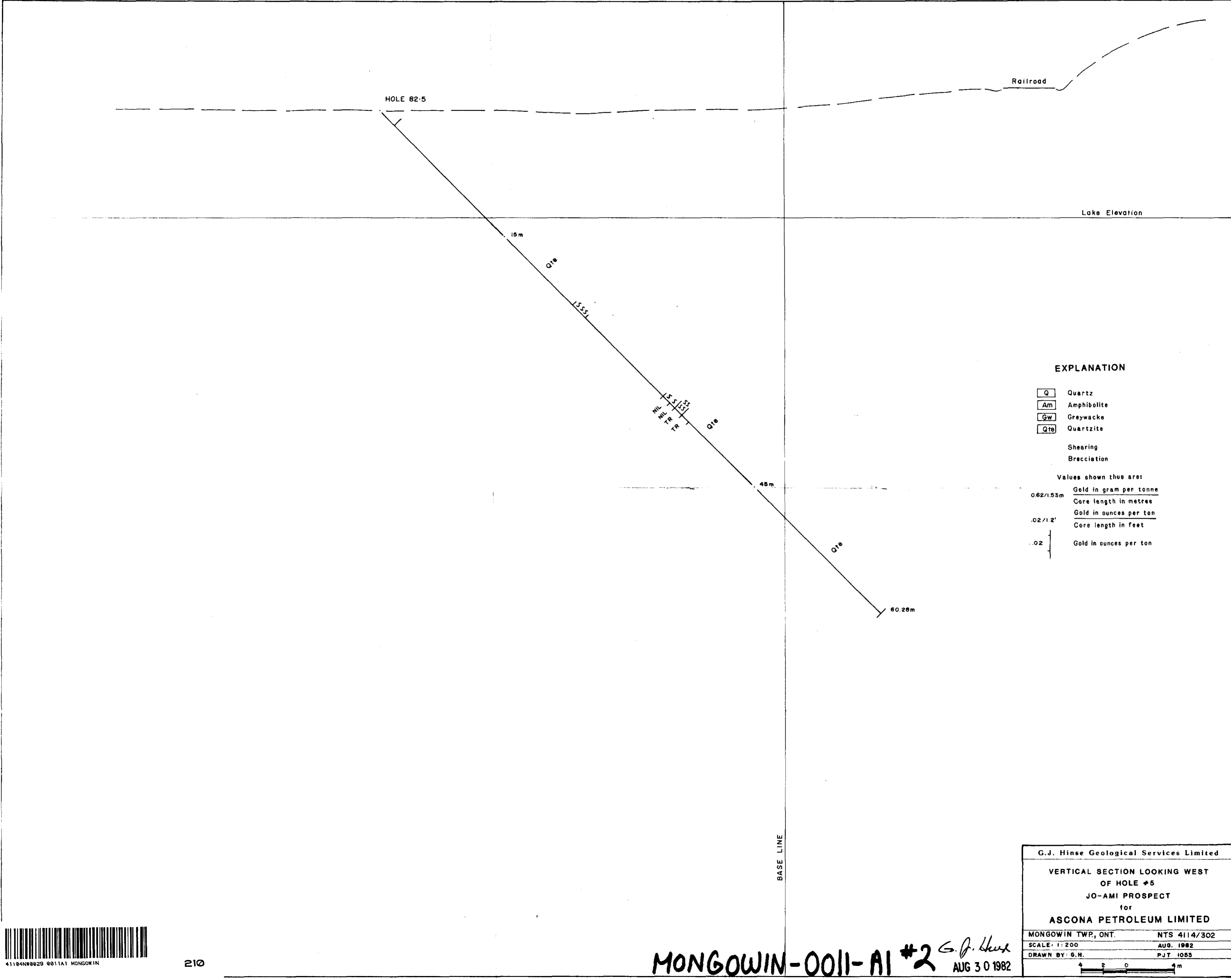
G. J. Husk

AUG 30 1982

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
MONGOWIN-0011-A1, #1, #2, #3

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)





EXPLANATION

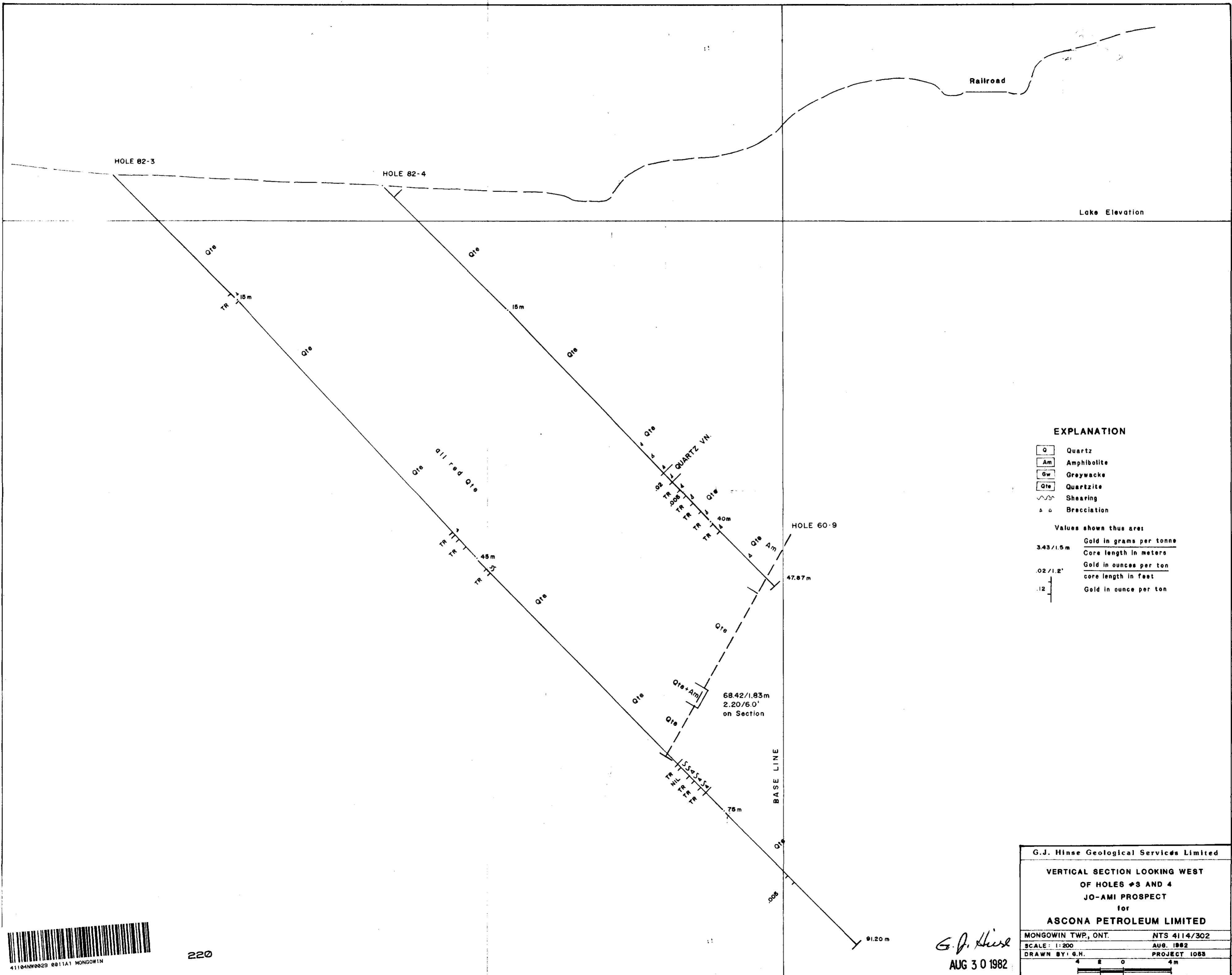
- Q Quartz
 - Am Amphibolite
 - Gw Greywacke
 - Q1e Quartzite
 - Shearing
 - Brecciation
- Values shown thus are:
- | | |
|------------|------------------------|
| 0.02/1.53m | Gold in gram per tonne |
| | Core length in metres |
| .02/1.2' | Gold in ounces per ton |
| | Core length in feet |
| .02 | Gold in ounces per ton |

| | |
|---|--------------|
| G.J. Hinse Geological Services Limited | |
| VERTICAL SECTION LOOKING WEST OF HOLE #5 JO-AMI PROSPECT for ASCONA PETROLEUM LIMITED | |
| MONGOWIN TWP, ONT. | NTS 4114/302 |
| SCALE: 1:200 | AUG. 1982 |
| DRAWN BY: G.H. | PJT 1053 |
| | |



MONGOWIN-0011-A1 #2

G.J. Hinse
AUG 30 1982



EXPLANATION

- Q Quartz
- Am Amphibolite
- Gw Graywacke
- Qte Quartzite
- Shearing
- B Brecciation

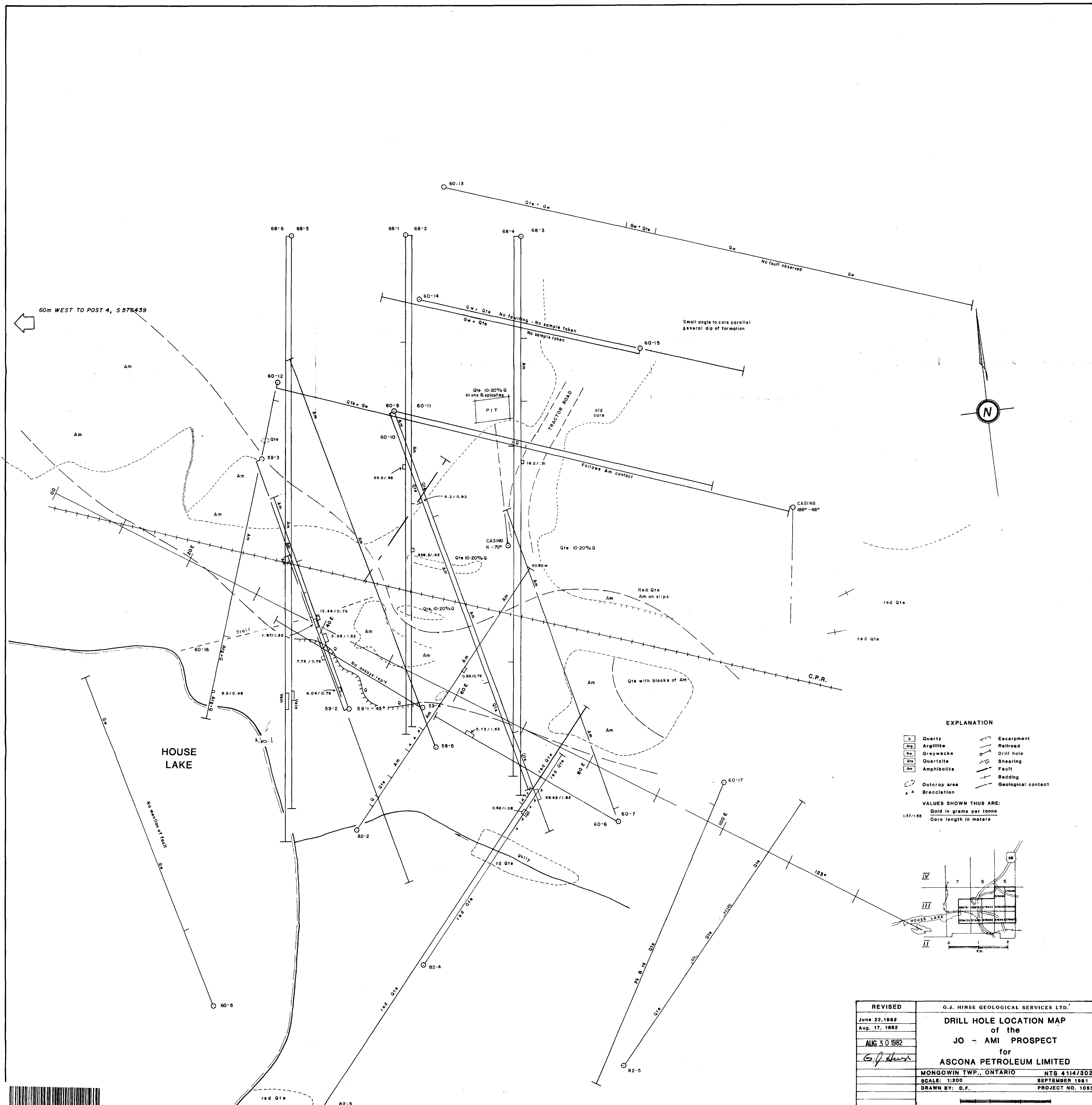
Values shown thus are:

| | |
|-----------|--|
| 3.43/1.5m | Gold in grams per tonne Core length in meters |
| .02/1.2' | Gold in ounces per ton core length in feet |
| .12 | Gold in ounce per ton |

| | |
|--|--------------|
| G.J. Hinse Geological Services Limited | |
| VERTICAL SECTION LOOKING WEST OF HOLES #3 AND 4 JO-AMI PROSPECT for ASCONA PETROLEUM LIMITED | |
| MONGOWIN TWP, ONT. | NTS 4114/302 |
| SCALE: 1:200 | AUG. 1982 |
| DRAWN BY: G.H. | PROJECT 1085 |
| | |

G. J. Hinse
AUG 30 1982

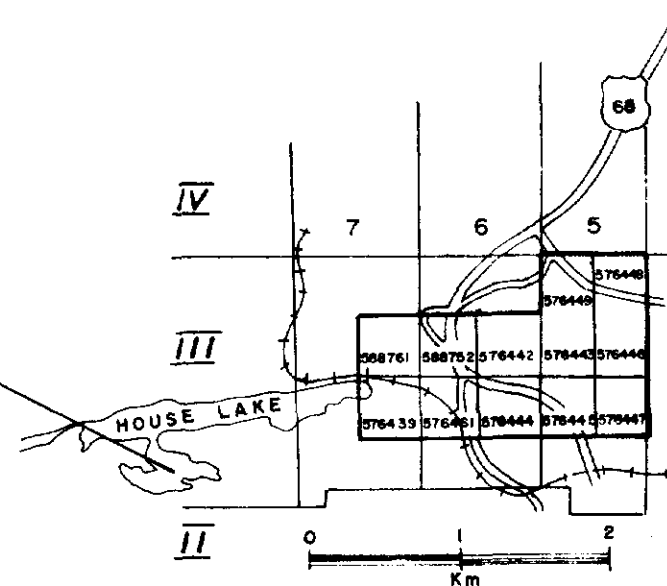




EXPLANATION

- Q Quartz
- Arg Argillite
- Gw Greywacke
- Qte Quartzite
- Am Amphibolite
- Escarpment
- Railroad
- Drill hole
- Shearing
- Fault
- Bedding
- Geological contact

VALUES SHOWN THUS ARE:
 Gold in grams per tonne
 Core length in meters



| | |
|------------------------|--|
| REVISED | G.J. HINSE GEOLOGICAL SERVICES LTD. |
| June 22, 1982 | DRILL HOLE LOCATION MAP of the JO - AMI PROSPECT for ASCONA PETROLEUM LIMITED |
| Aug. 17, 1982 | |
| AUG 30 1982 | |
| <i>G.J. Hinse</i> | |
| MONGOWIN TWP., ONTARIO | NTS 4114/302 |
| SCALE: 1:200 | SEPTEMBER 1981 |
| DRAWN BY: D.F. | PROJECT NO. 1083 |

MONGOWIN-0011-A1 #3

