

5284

103F/9E

SPECOGNA PROSPECT
GRAHAM ISLAND
QUEEN CHARLOTTE ISLANDS

5284

103F/9E
53°30'N 132°00'W
Trenching, Road Building and Drilling
Report on the Babe, Ric & Bre Claims
(Gold, Midas & Aurum Groups)

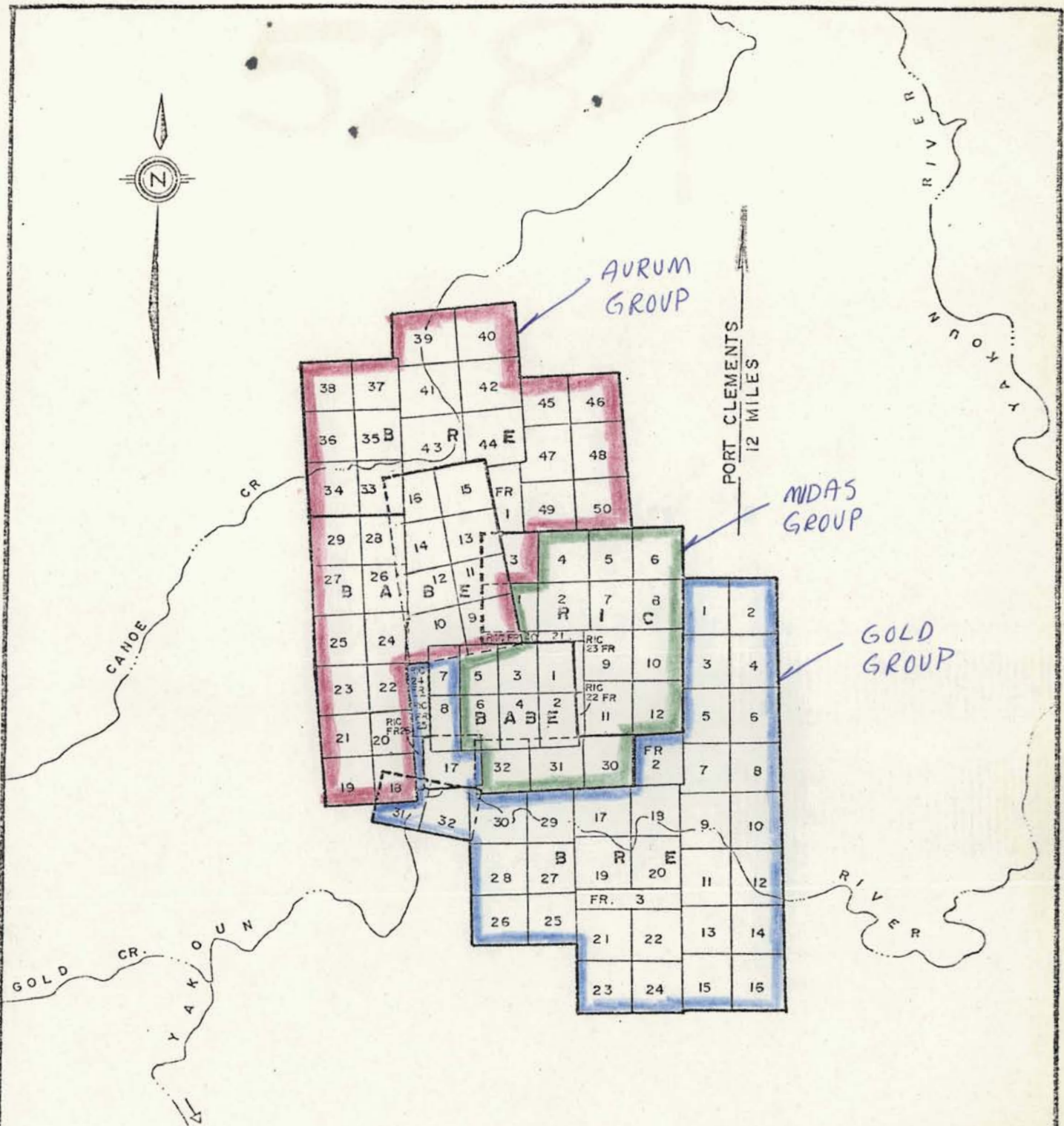
103F/9E by Babe
G. Richards

QUINTANA MINERALS CORPORATION

November 22, 1974

Department of
Mineral and Petroleum Resources
ASSESSMENT REPORT

NO. 5284 MAP



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5284 MAP #1

QUINTANA MINERALS CORPORATION
 SPECOGNA PROJECT
 BABE , BRE & RIC CLAIMS
 Scale = 1.25 inches to 1 mile approx.
 Mile 0 Mile
 Prepared by J.S.C. Date Dec 6/73 NT MAP - EA
 Drawn by ATK. Plans 103-F DRAWING NO.

SPECOGNA DRILL LOGS - 1974

PACK SACK DIAMOND DRILL HOLES

PS 1 070°, -30°

Footage

- 0 - 2.1 Qtz vein. Banding 35 - 60° to C.A.
Vuggy with qtz crystals lining vugs. Some limonite and leached sulphides. Total vugs: original & leached 5%.
- 2.1 - 4.3 Siliceous hornfels. Bottom 0.2' is definite sandstone. Above are several narrow qtz veins - <.01' wide. Above this is f.g. sediment-pale grey and somewhat oxidized.
- 4.3 - 5.7 Qtz vein. Banding 60° to C.A.
- 5.7 - 14.2 Mainly f.g. dark grey to black hornfelsed shale to siltstone with some very silicified pale grey hornfels. <.5% py ± with much limonite along hairline fracture.
- 14.2 - 21.6 Qtz rich section containing numerous veins <.01' wide and 3 or 4 sections of qtz rich breccia. Pyrite 1 - 2% occurs as f.g. blebs, smears. Included hornfels sections are dark grey and pale grey f.g. siltstones and shales.
- 21.6 - 25.7 Dark grey hornfels siltstones and sandstones.
22.0 - 22.4' - qtz vein 60 - 70° to C.A.
- 25.7 - 26.8 Two qtz veins 1 @ 60 - 70° to C.A., other @ 20° to C.A.
10% vuggy limonite.
- 26.8 - 35.9 Coarser sandstone and pebble conglomerate with many qtz. veinlets <.01'
- 35.9 - 37.7 Qtz vein @ 25° to C.A. Limonitic vugs form 15% of rock.
- 37.7 - 50.0 Dark grey and pale grey siliceous f.g. sediments with few pebbles. Much of section is well silicified and brecciated hornfels. Many qtz veinlets 1 - 2% pyrite occurs along fractures, as disseminations and blebs, some with quartz veins, and some as rims on fragments.
- Overall recovery >> 90% and probably >95%.

SPECOGNA DRILL LOGS - 1974

PACK SACK DIAMOND DRILL HOLES

PS 2 070^o, -30^o

Footage

0 - 52.0 Masset porphyritic rhyolite with 1 - 3% qtz phenos and 2 - 5% pldg phenos. Plagioclase more or less altered throughout to soft clay minerals. Rock is pale, creamy grey where fresh. About 1/4 of the first 20' is iron stained. Below this iron stain is rare. Flow banding (?) occurs sporadically throughout at 55^o to C.A. Qtz veins are common throughout. Larger ones are .02' to .05' wide and spaced 2 to 4 feet apart. More numerous fracture fillings of qtz + pyrite occur in almost all samples - in some samples as a fine stockwork. No visible Au. Few short fractures of pyrite in some qtz veins.

52.0 - 54.0 Shale hornfels with fine pyrite and fine qtz veins.

Recovery of first 25' is about 60%.
Last 29' is about 80%.

SPECOGNA DRILL LOGS - 1974

PACK SACK DIAMOND DRILL HOLES

PS 3 070^o, -30^o

Footage

0 - 40.0

Masset pophyritic rhyolite as per PS 2

Overall recovery is poor: 50 - 70%.
Last 5' not assayed as only .1' recovered.
25' - 35' recovery 80%

SPECOGNA DRILL LOGS - 1974

PACK SACK DIAMOND DRILL HOLES

PS 4 270^o, -30^o

Footage

0 - 11.7

Siltstone with minor sandstone. 1 - 5% carbonaceous fragments indicate weak bedding about 45% to C.A.

Qtz veins .1' @ 3.4'
 .05' @ 4.3'
 .6' @ 4.4 to 5.0'
 .02 @ 6.1'

11.7 - 47.0

Pebble conglomerate with > 50% pebbles throughout. Pebbles are mainly porphyrite andesite with phenos of plag. and hornblende (some of which are altered to epidote and chlorite). Pebbles all well rounded. Few are siltstone. Matrix is siltstone (no sand) with 5% carbonaceous material. Pebbles are floating in siltstone. Pyrite occurs disseminated (minor fracture) in pebbles and some is associated with mafic phenos. Pyrite content variable from 0 to 10% but overall is 5%. Some pebbles have several concentric rings of malnikovite parallel to pebble outline making up 20 - 40% of pebble volume. Several qtz veins about .05' wide occur every foot or so. Major qtz veins at 31.0' - 32.9'; 40.0 - 41.2' 46.0 - 47.0

Overall recovery >> 90% and probably > 95%

Percussion Drilling Summary

| Hole No. | Depth | Overburden | Depth | Azimuth | Inclination |
|----------|-------|------------|-------|---------|-------------|
| PQ 1 | 150' | 3' | | 270° | -45° |
| PQ 2 | 90' | 8' | | 270° | -45° |
| 3 | 90' | 8' | | 270° | -45° |
| 4 | 70' | 3' | | - | -90° |
| 4A | 135' | 10' | | - | -90° |
| 5 | 140' | 3' | | 270° | -45° |
| 6 | 60' | 10' | | 270° | -45° |
| 7 | 150' | 15' | | 270° | -45° |
| 8 | 80' | 10' | | 270° | -50° |
| 9 | 110' | 9' | | 270° | -60° |
| 10 | 100' | +100' | | 270° | -45° |
| 10A | 90' | 60' | | - | -90° |
| 11 | 150' | 10' | | - | -90° |
| 12 | 150' | 10' | | - | -90° |
| 13 | 112' | 20' | | 270° | -45° |
| 14 | 100' | +100' | | - | -90° |
| 15 | 150' | +150' | | - | -90° |
| 16 | 150' | +150' | | - | -90° |

Drilling Report

Midas, Gold, and Aurum Groups

Yukovn River, Queen Charlotte Islands, Skeena Mining District

Diamond Drilling. 4 Packsack Diamond Drill Holes.

| | | | |
|----|---|--|----------|
| a. | Bob Mickle-Driller | May 16 - 26 (11 days) | |
| | John Trinco-Helper | | |
| b. | Bob Mickle- | \$7/foot X 191 ft = \$1,367 + cost of bits(\$400)= | \$ 1,767 |
| | John Trinco- | \$40/day X 11 days = | 440 |
| c. | 2 men X 11 days X \$8/day/man = | | 176 |
| | Accomodation - cost of camp construction | | |
| | covered under trenching | | |
| d. | Return air fare for Bob Mickle Vancouver - Sandspit | | 100 |
| | | | <hr/> |
| | | | \$ 2,483 |

Percussion Drilling.

| | | | |
|----|--|--|----------|
| a. | Mike Stadnyk-supervisor + 4 drillers | | |
| | June 28, July 2-22, 25-31 | | |
| | August 1-17, 20-30, September 3 | | |
| b. | 58 days X \$80/day | | \$ 4,640 |
| c. | 5 men X 58 days X \$8/man/day | | 2,320 |
| d. | Truck rental | | 1,228 |
| | Shipping equipment- Vancouver - Q.C.I. | | 1,617 |
| | Q.C.I. - Vancouver | | 1,433 |
| | Drilling-H & D Drilling contractors | | 9,195 |
| | Cat time for moving drill | | 5,593 |
| | | | <hr/> |
| | | | \$28,509 |
| | | | <hr/> |

Garth S. Richards

ITEMIZED COST STATEMENT

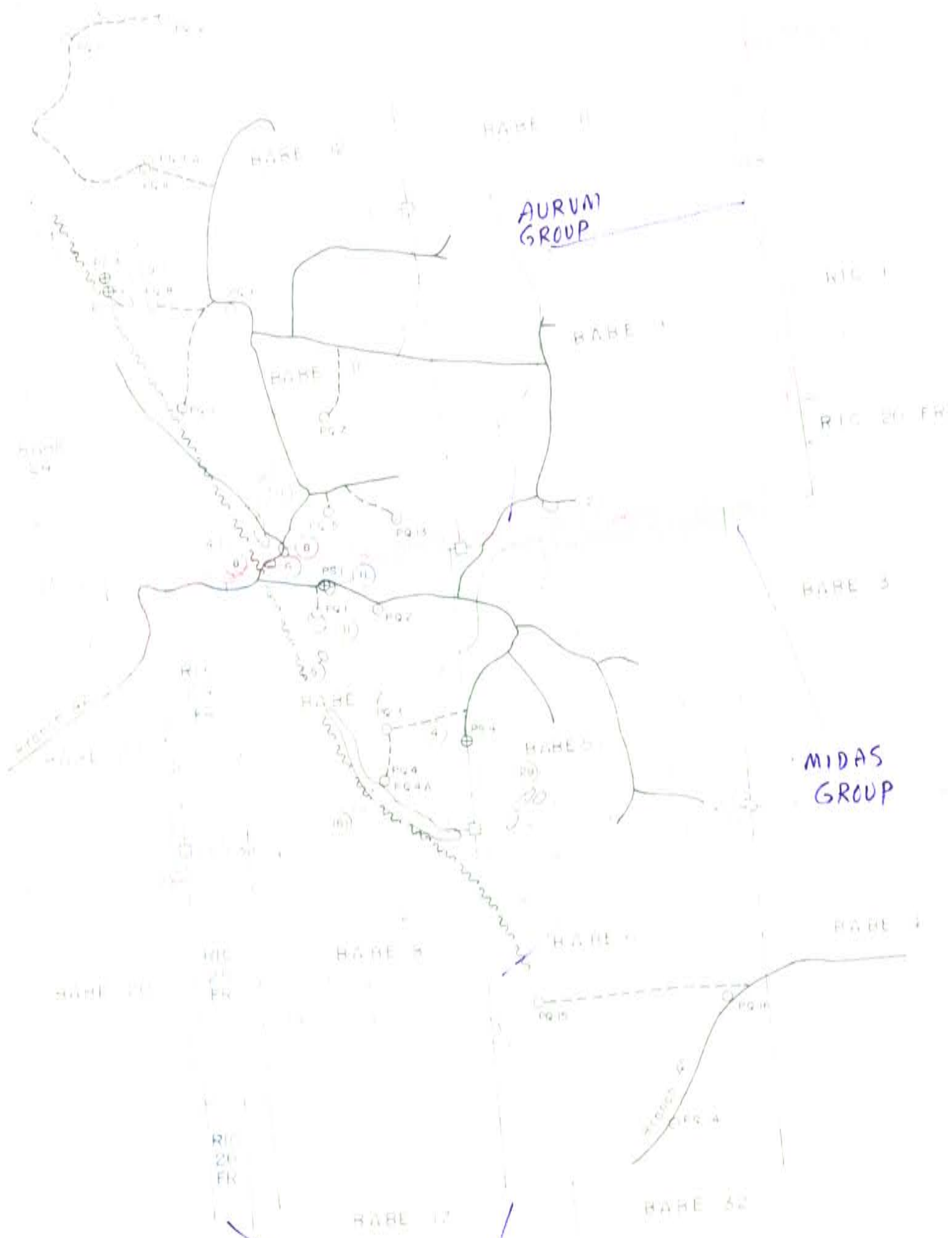
TRENCHING:

| | | |
|---|-----------------|---------------------|
| Powder, caps & fuse | | \$ 2,403.29 |
| Atlas Copco Drill - 25% of cost | | 396.90 |
| Rental of 2nd Drill, bits and sharpening | | 532.90 |
| Camp for 8 men | | 1,600.00 |
| Food for 5 men for 21 days at \$8/man/day | | 840.00 |
| Labour: | | |
| Dale Bowers- May 15-June 30 @ \$40/day | 1,840.00 | |
| Jim Twogood - May 20 - June 28 @ 40/day | 1,560.00 | |
| John Long - June 1 - June 28 @ \$40/day | 720.00 | |
| Sherwood Henry - May 20 - June 15 @\$40/day | 1,040.00 | |
| Mike Stadnyk - May 20 - June 28 contract | 3,003.94 | |
| | <u>8,163.94</u> | 8,163.94 |
| Truck Rental (Mitco) | | 756.38 |
| Return Airfare -Vancouver - Sandspit - Vancouver 5 X\$100/man | | <u>500.00</u> |
| | | <u>\$ 15,193.41</u> |

ROAD BUILDING:

| | | |
|--|-----------------|--------------------------|
| Opening Branch 42 for access to property | | 817.00 |
| Building 4800' access roads for drilling | | 3,907.50 |
| Slashing: | | |
| Henry Harder | 230.72 | |
| Bruce McNeil | 95.61 | |
| Tony Veri | 101.31 | |
| Randy Zulz | 126.00 | |
| Eric Ewen | <u>1,192.00</u> | |
| | | <u>1,745.64</u> |
| | | <u><u>\$6,470.14</u></u> |

Sandra S. Richards



5284
MAP 2

Garth S. Richards

QUINTANA MINERALS CORPORATION

DRILL HOLE AND TRANCHING
LOCATION MAP

| SCALE | |
|------------------------------------|-------------------------------------|
| 1 inch = 100 feet | 1 centimeter = 100 meters |
| 1 mile = 1.6 kilometers | 1 kilometer = 0.62 miles |
| 1 foot = 0.3048 meters | 1 meter = 3.28 feet |
| 1 yard = 0.9144 meters | 1 meter = 1.09 yards |
| 1 mile = 1.6093 kilometers | 1 kilometer = 0.6214 miles |
| 1 nautical mile = 1.852 kilometers | 1 kilometer = 0.5399 nautical miles |
| 1 nautical mile = 2025 yards | 1 yard = 0.000483 nautical miles |
| 1 nautical mile = 1.852 kilometers | 1 kilometer = 0.5399 nautical miles |
| 1 nautical mile = 2025 yards | 1 yard = 0.000483 nautical miles |

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KEY
 ⊕ DRILL HOLE
 --- TRANCHING
 --- TRANCHING