

5706

FILE # OMINECA

To accompany Affidavit on
Application to Record Work

DRILLING REPORT

CAVZ CLAIMS

LOCATED at TRAIL PEAK
55°23', 126°20', NTS 93M/8W

OMINECA MINING DIVISION
BRITISH COLUMBIA

CLAIM GROUPS - Trail West Group (CAVZ 1-10, 15-26,
37-40, 1-4 Fr.)
- Trail East Group (CAVZ 29-36, 47, 49,
51, 53)

CLAIMS - 42

OPERATOR - Texasgulf Inc.

OWNER - Texasgulf Inc.

REPORT BY - Peter DeLancey
Texasgulf Inc.

October, 1975

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

Vancouver, B.C.

NO. 5706 MAP

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INTRODUCTION

This drilling report summarises the work completed on the CAVZ Claims from July 27 to August 14, 1975.

CLAIM STATUS

The CAVZ Claims have been divided into two groups for assessment work purposes. The Trail West Group comprises claims CAVZ 1-10 15-26, 37-40, 1-4 Fractions; the Trail East Group comprises claims CAVZ 29-36, 47, 49, 51 and 53.

LOCATION, ACCESS & TERRAIN

The property is located on Trail Peak, 13 miles northeast of Babine at the outlet of Babine Lake.

Access to the property is by helicopter from the town of Smithers.

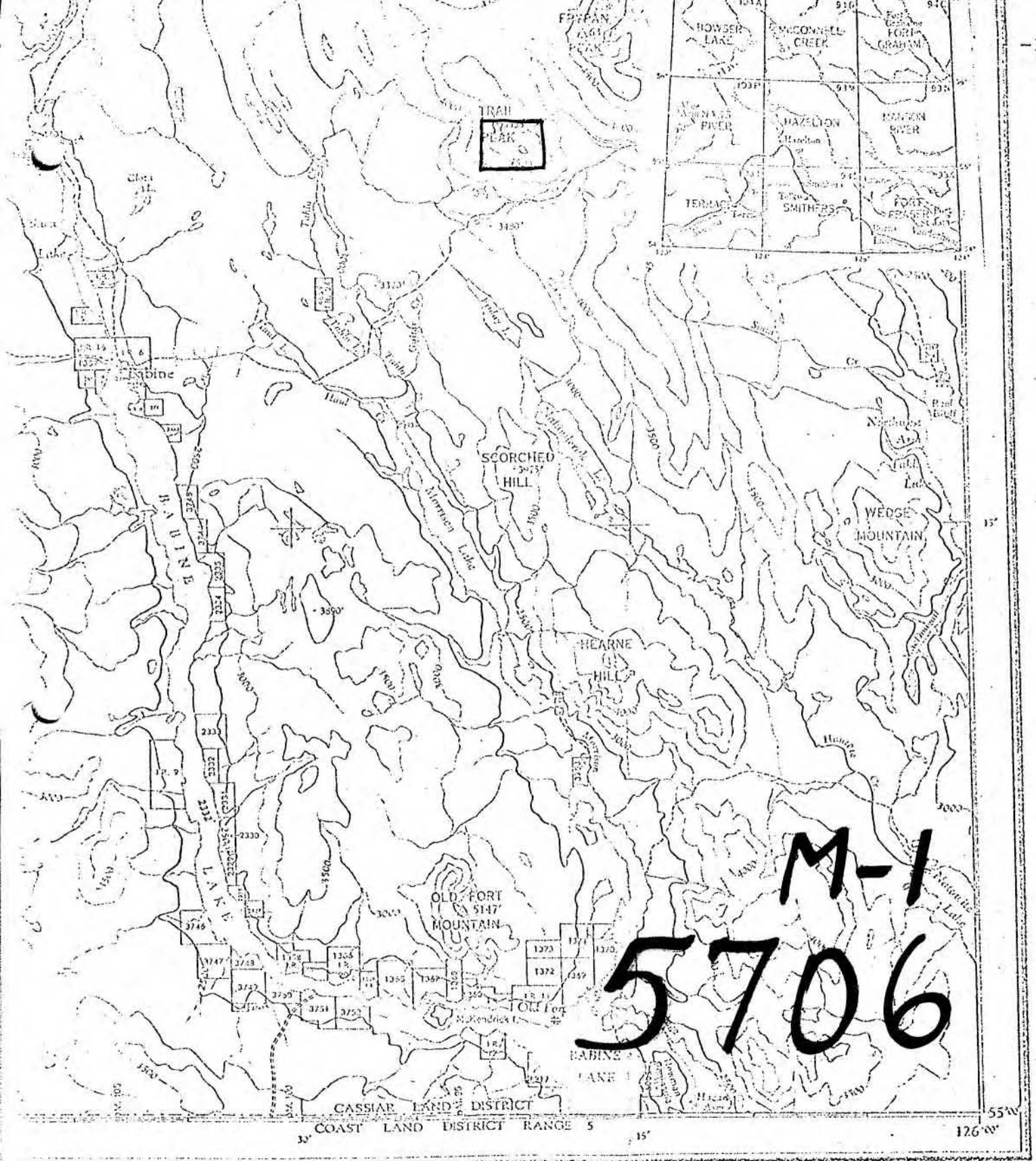
The property lies above 3,500 feet with timber line at approximately 5,000 feet. The mountain is cut by steep-gullied creeks.

REGIONAL GEOLOGY

The Babine area is underlain by a broad belt of north-north-westerly trending Mesozoic euogeosynclinal rocks known as the Hazelton Group. Intrusive rocks range in age from Upper Triassic to Eocene. Several important copper deposits, related to biotite feldspar porphyry intrusions of Eocene Age, are located in the general Babine area.

PROPERTY GEOLOGY

The Trail Peak property has a similar geological setting to other Babine copper deposits. Lower Jurassic siltstones are cut by a central diorite stock, and a system of northwest trending biotite feldspar porphyry dyke-like bodies. A prominent zone characterized by intensive shearing, brecciation and tourmalization cuts the main diorite body. Weak to moderate copper mineralization is found locally in fractured biotite feldspar porphyry.



HAZELTON B.C.

SHEET 93 M

Scale 1:250,000 — 1 Inch to 4 Miles Approximately

CAVZ GROUP
 (TRAIL PEAK)
 LOCATION MAP
 Figure 1

Attwell

PROGRAMME - 1975

A diamond drilling programme was carried out on the Trail Peak property by Texasgulf Inc. to test the zones of mineralization at depth. Work commenced on July 27 and was completed on August 14, 1975. Two holes were drilled; DDH 11-75 was collared on claim CAVZ 21 and was drilled to 1,118 feet, DDH 12-75 was collared on claim CAVZ 33 and was drilled to 432 feet.

Biotite feldspar porphyry was the main rock type encountered in drilling. Mineralized sections, showing chalcopyrite as fracture fillings and fine disseminations, generally assayed in the 0.15% copper range.

DRILL REPORT

A-1 STATEMENT OF EXPENDITURES

CAVZ MINERAL CLAIMS

1975 DIAMOND DRILLINGDiamond Drilling (as per invoices)

| | | | |
|------------|----------------|---------------------|--------------|
| Hole 11-75 | 500' @ \$10.55 | \$ 5,275.00 | |
| | 500' @ \$11.45 | 5,725.00 | |
| | 118' @ \$12.40 | <u>1,463.20</u> | |
| | | \$ 12,463.20 | |
| Hole 12.75 | 432' @ \$10.55 | <u>4,557.60</u> | |
| | | \$ <u>17,020.80</u> | \$ 17,020.80 |

| | | |
|--|--------------------|-------------|
| Labour - mob, set-up, move & demob. | \$ 3,964.00 | |
| Core boxes | 168.00 | |
| Acid tests, reaming, stand-by, travel. | 1,289.65 | |
| Materials | <u>434.03</u> | |
| | \$ <u>5,853.68</u> | \$ 5,863.68 |

| | | | |
|-----------------------------------|-------|------------------|-----------|
| <u>Room & Board, Supplies</u> | TOTAL | \$ <u>692.12</u> | \$ 692.12 |
|-----------------------------------|-------|------------------|-----------|

Supervision

| | | | |
|--|--------------------|-------------|--|
| P.R.DeLancey, Geologist | | | |
| April 3 - 30, program planning, | | | |
| 10 days @ \$92.50 | \$ 925.00 | | |
| July 27 - August 14, field work | | | |
| 19 days @ \$92.50 | \$ <u>1,757.50</u> | | |
| | \$ 2,682.50 | | |
| G.P.Small, Field Assistant | | | |
| July 27 - August 14, 15 days @ \$28.00 | \$ 532.00 | | |
| J.M.Newell, P.Eng., Supervision | | | |
| July 30, 1 day @ \$130.00 | \$ <u>130.00</u> | | |
| | \$ <u>3,344.50</u> | \$ 3,344.50 | |


Helicopter Charter (mobilization)

| | | |
|-----------------------|---------------------|--------------|
| 25.9 hours, Bell 206B | \$ 8,572.17 | |
| 12.3 hours, Bell 205A | \$ <u>8,896.20</u> | |
| | \$ <u>17,468.37</u> | \$ 17,468.37 |

| | | |
|---|--------------------|--------------------|
| Travel, Automobile, Shipping & Communications | \$ <u>1,511.50</u> | \$ <u>1,511.50</u> |
|---|--------------------|--------------------|

| | | |
|---------------------|--|---------------------|
| TOTAL FOR PROGRAMME | | \$ <u>45,892.97</u> |
|---------------------|--|---------------------|

29.71
Total footage drilled 1,550 @ \$23.61 per foot



J. M. Newell, P.Eng.

DRILL REPORT

A-3. DRILL LOGS

DRILL REPORT

A-2 DRILL CONTRACT

THIS AGREEMENT made this 17th day of February, 1975:

BETWEEN:

TEXASGULF INC.,
701 - 1281 West Georgia Street,
Vancouver, B.C.

(hereinafter referred to as
"The Company")

OF THE FIRST PART:

AND:

D. W. COATES ENTERPRISES LTD.,
1668 West 1st Avenue,
Vancouver, B.C. V6J 1G1.

(hereinafter referred to as
"The Contractor")

OF THE SECOND PART:

WHEREAS the Company has requested the Contractor to complete a minimum of 2000 feet of drilling and other services, as set forth, on the property of the Company in the Smithers area in the Province of British Columbia.

AND WHEREAS the Contractor has agreed to do the said diamond drilling and to perform the other services requested upon the terms, conditions and provisos herein contained.

NOW THEREFORE this Agreement Witnesseth that in consideration of the payment of the amounts herein stipulated and of the mutual covenants hereinafter contained, the parties hereto agree as follows:

SCHEDULE OF RATES - CORING

THAT the Company hereby employs the Contractor to drill on the said property a series of bore holes using a BQ core barrel producing a core of approximately 1.7/16 inches. The Company agrees to pay the Contractor on a footage basis for all drilling according to the following schedule of rates:

| <u>From</u> | | <u>To</u> | <u>Price/Foot</u> |
|-------------|---|----------------|-------------------|
| 0 | - | 500' in depth | \$10.55 |
| 500' | - | 1000' in depth | \$11.45 |

It is understood that measurement of all bore holes shall be from the top of the casing or stand pipe as the case may be.

OVERBURDEN

THAT the Company agrees to pay for casing or stand pipe for the first 25 feet in any hole according to the schedule of rates as quoted. The Company further agrees that in the event that casing or stand pipe on any hole exceeds 25 feet, then charges for placing and pulling casing or stand piping on that hole shall be charged on a field cost basis from the collar of the hole.

Whenever pipe or casing is lost or left in a hole on the instructions of the Company's engineer, the Company agrees to pay for said casing or pipe at prices F.O.B. drill site plus fifteen percent.

The Company agrees to pay the Contractor for the cost of the diamond set shoe or bit in addition to the casing at cost plus fifteen percent.

The Company further agrees that should the casing or stand pipe exceed 25 feet in any hole, the Contractor would be reimbursed at the rate of \$0.80 per foot of casing employed down the hole to cover wear and tear on the casing.

MOVING BETWEEN HOLES - SETTING UP - TEARING DOWN

THAT the Company agrees to pay the Contractor for all moves between drill site locations on a field cost basis. This item includes obtaining sills, tearing down, setting up and moving.

The Company would provide a helicopter to aid in moving between holes, at no cost to the Contractor.

WATER SUPPLY

THAT the Company agrees that the supplying of all necessary water to the drill would be performed on a field cost basis.

TRANSPORTATION

THAT the Contractor agrees to move his men, equipment and

supplies from his base to truck unload point and return from load point to base for the lump sum of \$1,000.00.

The movement of men, equipment and supplies from truck unload point to first drill site and from last hole to load point will be charged on a field cost basis.

The erection and teardown of a suitable camp would be performed on a field cost basis.

The Company would supply a helicopter for the mobilization and demobilization and for continuing men and supplies as the job progresses, at no cost to the Contractor.

ACID TESTS

THAT the Contractor agrees to take acid tests at the depths as instructed by the Company's engineer. Such tests will be charged at the rate of three feet of drilling at the depth the tests were taken.

DRILLING WITH MUD.

THAT it is mutually agreed that should mud be required to penetrate the overburden and/or aid in core recovery while core drilling, such mud employed will be charged on a cost at job

site basis plus fifteen percent.

Time employed mixing mud and stabilizing the drill hole would be charged on a field cost basis.

CEMENTING

THAT the Company agrees to pay the Contractor for the cementing of bore holes to stop cave-ins on an operating field cost basis.

Waiting for cement to set would be charged on a non-operating field cost basis.

REAMING AND CASING

THAT the Company agrees that all reaming and casing that is necessary to stop cave-ins or maintain the return flow of water shall be completed at the Company's request and that the cost of performing such reaming and placing of such casing as may be required will be charged on a field cost basis.

Casing would be charged at the rate of \$0.80 per reamed foot.

DIRECTIONAL AND CONTROLLED DRILLING

THAT it is mutually agreed that directional drilling to change the direction of a bore hole and controlled drilling to maintain

the angle of a bore hole shall not be part of this agreement.

SECURITY

THAT the Contractor will not give out any information regarding drill results or access to core to any person other than to the Company's representative.

BOARD AND LODGING

THAT the Contractor agrees that the above schedule of rates includes the board and lodging for his drill crew. Board would be supplied to Company personnel at the rate of \$4.50 per meal.

CORE BOXES

THAT the Company agrees to pay the Contractor \$4.20 per box and \$1.30 per lid, supplied at their request.

DRILLING SITES

THAT the Contractor agrees to case and drill on the sites and at angles and azimuths selected by the Company representative

and to follow the instructions of the said representative relating to place and time of drilling.

CORE SPLITTER

THAT the Contractor agrees to supply a core splitter if requested, at the rate of \$25.00 per month.

FIELD COSTS

THAT the Company agrees that the following rates shall apply when certain work as defined in this contract is performed on a field cost basis. "Field Cost" is defined as all direct labour, including supervision, drill and support equipment per hour, and cost of pipe or casing lost, diamond loss, and materials and supplies consumed in this work.

Operating Field Costs:

| | |
|---|-----------------------------------|
| Labour | \$13.00 per man hour |
| Drill | \$9.00 per hour |
| Pump | \$0.90 per hour |
| 4 x 4 Truck (when applicable) | \$7.00 per hour |
| Mud Mixer (when applicable). | \$0.50 per hour |
| Materials Consumed | Cost at job site plus 15 percent. |

Note: No charge is made for drill or pumps when mobbing or demobbing and moving between holes.

Non-Operating Field Costs: (Maximum 8 hrs. per day)

Labour \$11.00 per man hour
Drill - pumps, etc. \$5.50 per hour

PAYMENTS

THAT the Company agrees to make payments at the rates hereinbefore specified in accordance with the terms hereinafter set out, that is: For all work done hereunder between the first and 15th day and the 16th and last day of the month, payment shall be due and payable in 15 days. Interest at a rate of twelve percent per annum shall be added to all accounts more than thirty days overdue, from date of invoice. These payments shall be made as the work progresses in conformity with the Contractor's semi-monthly invoices.

RIGHTS-OF-WAY

THAT the Company agrees at its own expense to provide all rights-of-way, all rights of ingress and egress and all real property that may be required in connection with said work, including real property upon which all necessary temporary buildings may be erected, and other facilities required, and shall also warrant the quiet and peaceful possession of all such real property and shall save the Contractor harmless from any

and all damages, claims, demands, costs or charges of whatever kind or character incident to the occupation of said real property.

CAVED OR BROKEN GROUND

THAT in the event cavities or loose and caving materials are encountered of a nature as to prevent the successful completion of any hole, the Contractor does not, under such conditions, guarantee to drill to a predetermined depth and in the event that it becomes necessary to abandon the hole, the Company agrees to pay for such incompletd holes at the rates herein specified for all footage completed.

In the event it becomes necessary to resort to cementing, reaming or casing, the Company agrees to reimburse the Contractor to the extent of field cost.

ENVIRONMENT

THAT during the course of the work, the Contractor shall at all times keep the client's premises free from accumulation of waste material or rubbish and upon completion of the work shall remove all tools, scaffolding and surplus material and leave the premises in a clean condition. The Contractor shall observe and

comply with all applicable Federal and Provincial laws, regulations and orders relating to prevention of forest fires and sanitation in the bush.

COMPENSATION

THAT the Contractor agrees that the men employed by him in the performance of this contract shall be fully covered under the Worker's Compensation laws according to the Province of British Columbia and will keep such men covered and will pay the assessment required and will protect the Company from any action arising therefrom, excluding however, claims arising out of any negligent act or omission of the Company, its servants or agents.

INSURANCE

THAT the Contractor, during the entire term of this agreement, will keep in full force and effect a policy of public liability and property damage insurance with respect to the work undertaken in this agreement, in the amount of \$500,000 for any one accident.

The insurance shall be with an insurance company duly licensed to do business in the Province of British Columbia.

ESCALATION

THAT both the Contractor and Company appreciate the inflationary forces that are prevalent and active to-day. It is thus agreed that the enclosed schedule includes: (1) the labour rates that are in effect as at April 1, 1975 and (2) the costs for diamonds, rods, casing, fuel and food as of December 31, 1974.

Should there be any marked increase in (2) then it is agreed that the schedule of rates would be adjusted to compensate for the increases.

RIGHT OF CANCELLATION

THAT the Contractor reserves the right to cancel this contract should its fulfillment be rendered impossible by:

(a) War, invasion, insurrection, riot, the order or regulations of any civil or military authority, or by strikes, lockouts, or labour disputes, whether in or in the neighbourhood of the Contractor's plant or of that of any supplier of materials necessary for the completion of the contract.

(b) The inability to obtain essential materials and supplies due to priority restriction.

(c) The inability to secure labour due to restrictions or

causes beyond the Contractor's control, and the Contractor shall not be liable for any loss or damage directly or indirectly suffered by the Company by reason of exercise of such right of cancellation.

THAT it is mutually agreed that this agreement shall be binding upon and enure to the benefit of the parties hereto, their respective successors and permitted assigns, but shall not be assignable by either party without the consent in writing of the other party first had and obtained.

THAT it is further agreed that this agreement and any dispute arising hereunder shall be interpreted and determined in accordance with the laws of the Province of British Columbia.

THAT any notice required to be given hereunder shall be properly given if mailed by registered letter addressed to the Company as follows:

Texasgulf Inc.,
701 - 1281 West Georgia Street,
Vancouver 5, B.C.

or to the Contractor by registered letter addressed as follows:

D. W. Coates Enterprises Ltd.,
1668 West 1st Avenue,
Vancouver, B.C. V6J 1G1.

IN WITNESS WHEREOF these presents have been executed by the parties hereto the day and year first above written:

SIGNED, SEALED AND DELIVERED)

in the presence of:)

TEXASGULF INC.

B. W. Hammond

Regional Mgr - Exploration

D. W. COATES ENTERPRISES LTD.

D. W. Coates

R. J. Perry

PROPERTY: TRAIL PEAK

TEXASGULF INC.

LOCATION: Co-ordinates of Collar 269+65N, 287+95E

DRILL HOLE LOG

AZIM: 035° ELEV: 4,560

DIP: -50° LENGTH: 1,118'

CORE SIZE: BQ

DIP TEST

| FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT |
|---------|---------|---------|---------|---------|---------|
| 500 | 61° | 53° | | | |
| 1,118 | 58° | 50° | | | |
| | | | | | |
| | | | | | |

CLAIM NO: CAVZ 21
 SECTION:
 LOGGED BY: Peter R. DeLancey
 DATE LOGGED: August 3 to August 7, 1975
 DRILLING CO: D.W. Coates Enterprises Ltd.
 ASSAYED BY:

STARTED: August 2, 1975

COMPLETED: August 5, 1975

PURPOSE: Test best area of 1969 drilling at depth.

CORE RECOVERY: Excellent

| TEXTURE, ALTER'N, MINERALIZATION, ETC. | GRAPH. GEOLOG. | DESCRIPTION | FOOTAGE | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | | | | |
|--|-------------------|---|---------|----|-------|---------------|-------------|--------|--|--|--|--|--|--|--|--|--|
| | | | FROM | TO | | | | | | | | | | | | | |
| | | 0' - 16' OVERBURDEN | | | | | | | | | | | | | | | |
| | | 16' - 76' UNCROWDED BIOTITE FELDSPAR PORPHYRY Medium grained, white feldspar phenocrysts and black biotite phenocrysts in a dark grey matrix. Moderate amounts of chalcopyrite and pyrite occur as fine disseminations and along fractures. Quartz-sericite-chlorite alteration envelopes are common along these fractures. | | | | | | | | | | | | | | | |
| | | 76' - 247' CROWDED BIOTITE FELDSPAR PORPHYRY (B.F.P.) Small white feldspar phenocrysts and lesser biotite phenocrysts in a finer grained groundmass of the same. Very little sulphides are seen. | | | | | | | | | | | | | | | |
| | | 247' - 331' UNCROWDED BIOTITE FELDSPAR PORPHYRY with local sections of the "crowded" phase. Mineralization is weak to moderate with chalcopyrite and pyrite occurring in about equal proportions. | | | | | | | | | | | | | | | |

P.R. DeLancey

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPHIC GEOL. | DESCRIPTION | FOOTAGE | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | | |
|---------------------------------------|---------------|---|---------|----|-------|------------|----------|--------|--|--|--|--|--|--|--|
| | | | FROM | TO | | | | | | | | | | | |
| | | High pyritic section at 272'-275' | | | | | | | | | | | | | |
| | | 331' - 380' | | | | | | | | | | | | | |
| | | <u>BAKED SILTSTONE</u> Dense grey siliceous rock, numerous fractures with bleached or local chloritic alteration envelope. Chlorite is finely disseminated throughout rock. Weak to moderate mineralization. Crowded BFP section 345' - 350' | | | | | | | | | | | | | |
| | | 380' - 398' | | | | | | | | | | | | | |
| | | <u>BRECCIA</u> Angular fragments of grey siltstone in an uncrowded BFP. Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 398' - 414' | | | | | | | | | | | | | |
| | | <u>UNCROWDED B.F.P.</u> with local Breccia sections. Weak mineralization. | | | | | | | | | | | | | |
| | | 414' - 473' | | | | | | | | | | | | | |
| | | <u>CROWDED BFP</u> Black and white speckled appearance, more 'granitic' textured. Local 'uncrowded' sections No disseminated sulphides are seen in the uncrowded phase and very little mineralization is noted in the uncrowded B.F.P. | | | | | | | | | | | | | |
| | | 473' - 514' | | | | | | | | | | | | | |
| | | <u>UNCROWDED B.F.P.</u> Weak mineralization. Local 'crowded' phase at 487' - 493' | | | | | | | | | | | | | |

P. P. [Signature]

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | FOOTAGE | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | | | | | | | |
|---|------------------|--|---------|----|-------|---------------|-------------|--------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | FROM | TO | | | | | | | | | | | | | | | | |
| | | 514' - 532' | | | | | | | | | | | | | | | | | | |
| | | <u>CROWDED B.F.P.</u> Poor to medium fractured. Clear cubic crystals of fluorite? noted in open fractures. Mixed B.F.P. and siltstone fragments 527' -532'. Very weak sulphide mineralization. | | | | | | | | | | | | | | | | | | |
| | | 532' - 638' | | | | | | | | | | | | | | | | | | |
| | | <u>UNCROWDED HORNBLLENDE BIOTITE FELDS. PORPHYRY</u> Fine grained grey rock consisting of small phenocrysts of black hornblende, lesser large white feldspar phenocrysts and local black biotite phenocrysts in a very fine grained matrix. Generally weak mineralization. Fluorite ? is noted in open fractures. Local zones show allignment of minerals at 40° to core axis. | | | | | | | | | | | | | | | | | | |
| | | 638' - 650' | | | | | | | | | | | | | | | | | | |
| | | <u>FINE GRAINED DIORITE</u> Massive equigranular rock composed of white feldspars and dark green mafics. The mafics (Hb?) have been partially altered to chlorite. Short sections of crowded porphyry with indist- inct contacts are noted. Very weak mineraliz- ation. | | | | | | | | | | | | | | | | | | |
| | | 650' - 669' | | | | | | | | | | | | | | | | | | |
| | | <u>UNCROWDED B.F.P.</u> Short section of chloritic diorite 664'-669'. Weak mineralization. | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

P.F. McInnes

| TEXTURE, ALTER'N MINERALIZATION, ETC. | GRAPH GEOLOG. | DESCRIPTION | FOOTAGE | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | | |
|---|------------------|--|---------|----|-------|---------------|-------------|--------|--|--|--|--|--|--|--|
| | | | FROM | TO | | | | | | | | | | | |
| | | 669' - 734' CROWDED B.F.P. Short sections of uncrowded B.F.P. Minor molybdenite is noted in local quartz veinlets at 709'. | | | | | | | | | | | | | |
| | | 734' - 755' UNCROWDED B.F.P. Shear zone at 15° to core axis noted at 740'. Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 755' - 770' CROWDED B.F.P. Very weak mineralization. | | | | | | | | | | | | | |
| | | 770' - 797' SILTSTONE Light grey, dense, minor specks of chlorite scattered throughout. Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 779' - 830' UNCROWDED B.F.P. Several sections of "diorite looking" rocks suggestive of incomplete digestion or mixing of the two phases. Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 830' - 917' SECTIONS OF CROWDED AND UNCROWDED B.F.P. Short sections of siltstone noted at 886-888', 894-898'. Section of mixed diorite and porphyry are seen from 838 to 917'. Mineralization is generally weak. | | | | | | | | | | | | | |

P.R. [Signature]

| TEXTURE, ALTER'M MINERALIZATION, ETC. | GRAPHIC GEOLOG. | DESCRIPTION | FOOTAGE | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | | |
|---|--------------------|---|---------|----|-------|---------------|-------------|--------|--|--|--|--|--|--|--|
| | | | FROM | TO | | | | | | | | | | | |
| | | 917' - 930' <u>DIORITE</u> Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 930' - 951' <u>UNCROWDED B.F.P.</u> Rock is relatively well fractured. Local dioritic sections. Sulphides occur as fine disseminations and along hairline fractures. Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 951' - 991' <u>MEDIUM GRAINED DIORITE</u> The diorite is massive, poorly fractured with sections of chloritic alteration. Veinlets of gypsum? are noted. Weak to moderate mineralization. | | | | | | | | | | | | | |
| | | 991' - 1,000' <u>CROWDED B.F.P.</u> Weak mineralization | | | | | | | | | | | | | |
| | | 1,000' - 1,011' <u>DIORITE</u> Weak mineralization. | | | | | | | | | | | | | |
| | | 1,011' - 1,017' <u>CROWDED B.F.P.</u> Very weak mineralization. | | | | | | | | | | | | | |
| | | 1,017' - 1,043' <u>UNCROWDED B.F.P.</u> Contact with above crowded B.F.P. is sharp. Rock is weakly mineralized. | | | | | | | | | | | | | |

M.R. Plancus

PROPERTY: TRAIL PEAK

TEXASGULF INC.

DRILL HOLE LOG

LOCATION: Co-ordinates of Collor 283N, 318E

AZIM: 340° ELEV: 4,700'

DIP: -70° LENGTH: 532

CORE SIZE: BQ

DIP TEST

| FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT |
|-----------------------|---------|---------|---------|---------|---------|
| | | | | | |
| no dip test was taken | | | | | |
| | | | | | |
| | | | | | |

STARTED: August 7, 1975

COMPLETED: August 10, 1975

PURPOSE: To test copper mineralization exposed in trench F and along creek.

CORE RECOVERY:

CLAIM NO: CAVZ 33
SECTION:
LOGGED BY: Peter R. DeLancey
DATE LOGGED: August 8 - 10, 1975
DRILLING CO: D. W. Coates Enterprises Ltd.
ASSAYED BY:

| TEXTURE, ALTER'N, MINERALIZATION, ETC. | GRAPH. GEOL. | DESCRIPTION | FOOTAGE | | REC'Y | EST. GRADE | SAM. NO. | ASSAYS | | | | | | | | | | | |
|--|--------------|---|---------|----|-------|------------|----------|--------|--|--|--|--|--|--|--|--|--|--|--|
| | | | FROM | TO | | | | | | | | | | | | | | | |
| | | 0' - 6' | | | | | | | | | | | | | | | | | |
| | | <u>OVERBURDEN AND RUBBLE</u> | | | | | | | | | | | | | | | | | |
| | | 6' - 39' | | | | | | | | | | | | | | | | | |
| | | UNCROWDED BIOTITE HORNBLLENDE FELDSPAR PORPHYRY Phenocrysts of feldspar and hornblende in a very fine grained groundmass of the same. Rock is generally fresh and shows very little alteration. Phenocrysts frequently show alignment at 30° to core axis. Very minor chalcopyrite is seen along hairline fractures and lesser amounts as fine disseminations. Very fine specks of magnetite are seen. | | | | | | | | | | | | | | | | | |
| | | 39' - 100' | | | | | | | | | | | | | | | | | |
| | | CROWDED HORNBLLENDE BIOTITE FELDSPAR PORPHYRY Small white feldspar phenocrysts and lesser hornblende phenocrysts in a grey fine grained matrix. An occasional phenocryst of brown biotite is noted. Rock is medium fractured with very few alteration fractures. No sulphides are seen. | | | | | | | | | | | | | | | | | |

P.R. DeLancey

DRILL REPORT

A-4 SUMMARY OF DIAMOND DRILLING - 1975

A-4 SUMMARY OF DIAMOND DRILLING - 1975

| <u>DDH #</u> | <u>LENGTH</u> | <u>BEARING</u> | <u>INCLINATION</u> | <u>CO-ORDINATES</u> | <u>ELEVATION</u> | <u>CLAIM</u> |
|--------------|---------------|----------------|--------------------|---------------------|------------------|--------------|
| 11-75 | 1118' | 035° | -50° | 269+65N,287+95E | 4,560' | CAVZ 21 |
| 12-75 | 432' | 340° | -70° | 283N,318E | 4,700' | CAVZ 33 |

DRILL REPORT

A-5 CORE STORAGE

A-5 CORE STORAGE

The core from DDH 11-75 and DDH 12-75 is stored in covered core boxes at the location of the drill sites on the Trail Peak property.

Prepared by P.R. DeLancey
P. R. DeLancey

Supervised by J.M. Newell
J. M. Newell, P.Eng.

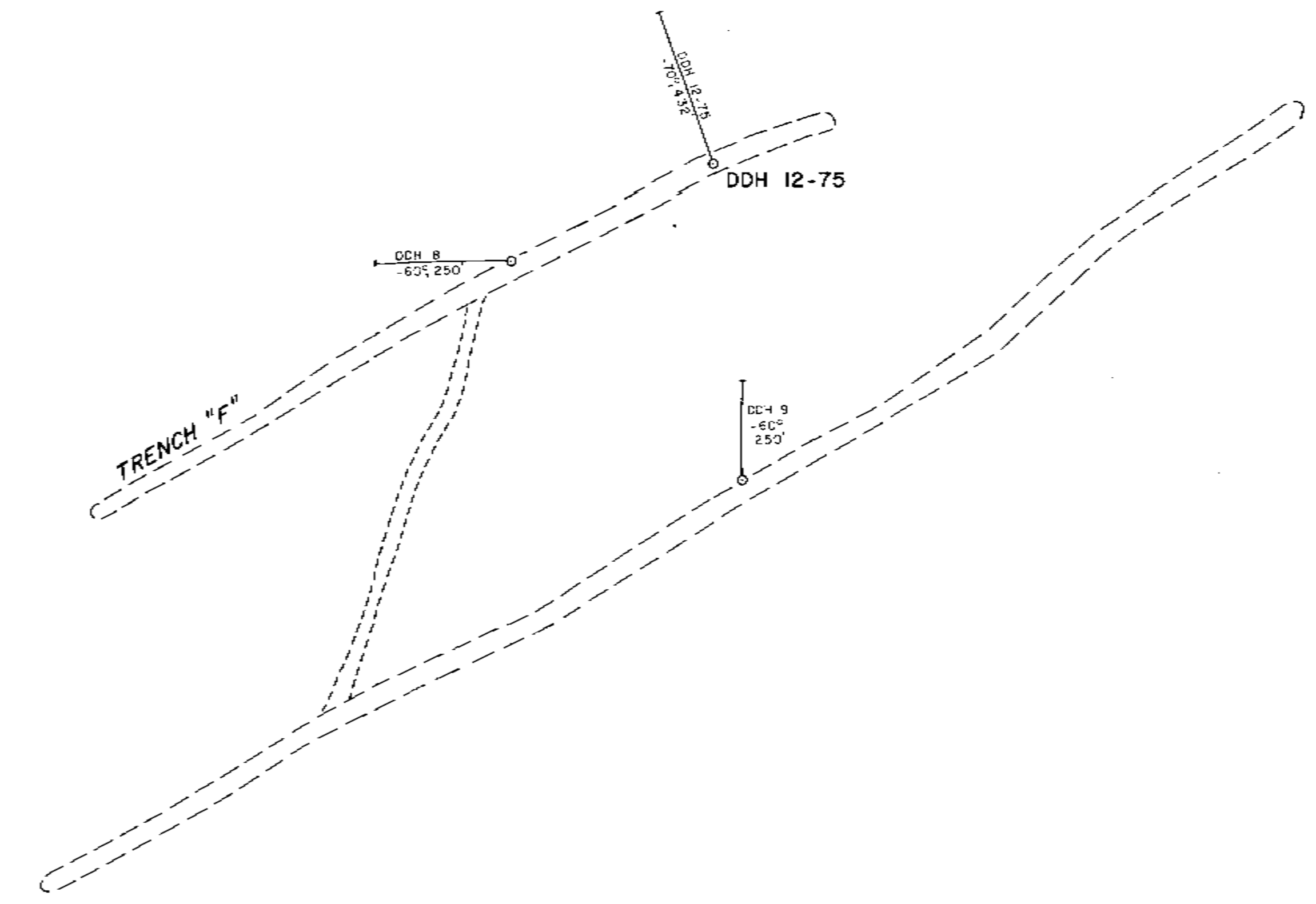
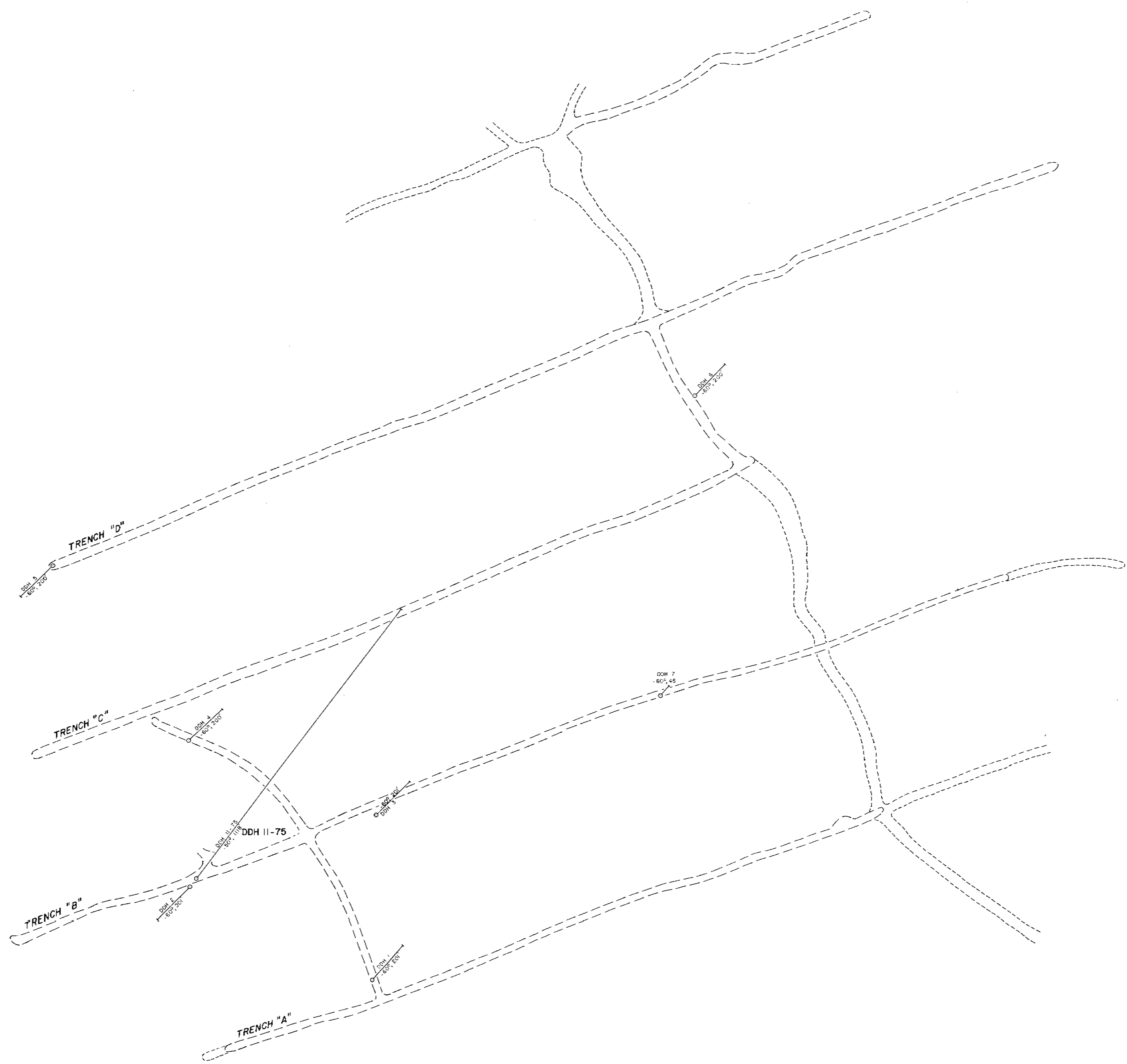
STATEMENT OF QUALIFICATIONS

P. R. DeLancey obtained his B.Sc. degree, in Honours Geology from the University of Manitoba in 1965. He received his M.Sc. degree in 1970 from the same University. In the interim, he was employed by Chile Exploration Company (Anaconda) on the geological staff at Chuquicamata, Chile.

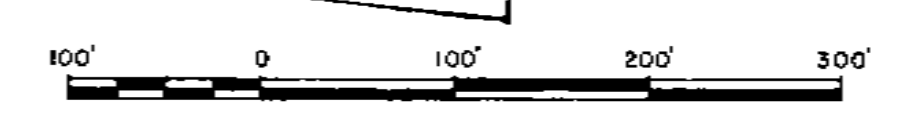
He was employed by Texasgulf Inc. from 1969 to 1971, when he returned to the University of British Columbia for further post-graduate studies. He worked with Texasgulf on a temporary basis from 1971 to 1974 when he rejoined Texasgulf's permanent staff.

G. P. Small is enrolled in Geological Engineering at the University of British Columbia and is a competent and conscientious field assistant.

A handwritten signature in black ink, appearing to read "G. P. Small", is located in the lower right quadrant of the page. The signature is written in a cursive, somewhat stylized script.

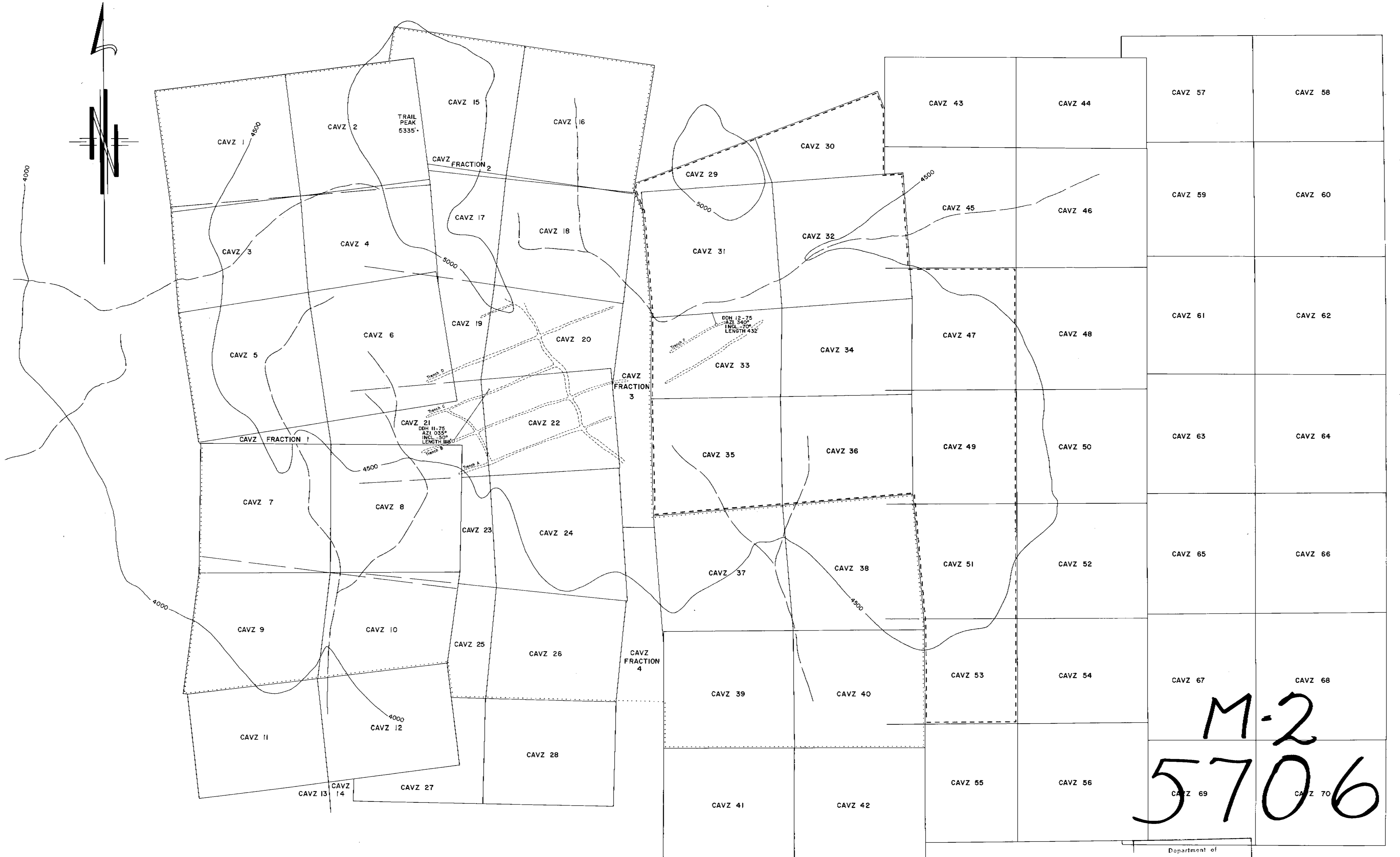


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ASSESSMENT REPORT
NO. 5706 MAP 3



| | | | |
|-----------------------|--------|----|-----------|
| Texasgulf Inc. | | | |
| TRAIL PEAK PROPERTY | | | |
| TRENCH MAP | | | |
| SHOWING | | | |
| D.D.H. LOCATIONS | | | |
| WORK BY | DATE | BY | DATE |
| P DeLooney | A.T.A. | | OCT. 1975 |

Handwritten signature



M-2
5706

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

400' 200' 0 400' 800' 1200'

TRAIL EAST GROUP 5706 MAP 2
TRAIL WEST GROUP

Texasgulf, Inc.

TRAIL PEAK — CAVZ CLAIMS
CLAIM MAP SHOWING
1975 DRILL HOLE LOCATIONS

| | | | |
|---------------------------|--------------------|------------------|----------|
| WORK BY P. R. DeLancey | DRAWN BY A.T.A. | DATE OCT 1975 | DRAW NO. |
|---------------------------|--------------------|------------------|----------|

DeLancey