



Ministry of  
Energy and Mines

Monday, June 2, 2014

File: 18080-02-02  
Mine No.: 1610189

Emil Anderson Construction Co. Ltd.  
907 Ethel Street  
Kelowna BC, V1Y 2W1

Dear Sir:

**Re: Mine Inspection May 28, 2014**  
**Property: Pierce Gravel Pit**

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Enclosed are two copies of my Inspection Report for the above noted property and date.

Please have this report posted in a conspicuous place on the property accessible to the workers in accordance with Section 30(1) of the Mines Act.

As noted on page one of the report, please fill in the appropriate areas responding to the Inspector's comments, sign and date the first page, initial the subsequent page(s) and return a copy with your comments to the writer.

Yours truly,

---

James McMillan  
Inspector of Mines

Enclosures

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Ministry of Energy & Mines

PO Box 9395 Stn Prov Govt  
Victoria, BC V8W 9M9  
Telephone:  
Facsimile:

6th Floor  
1810 Blanshard Street  
Victoria  
(250) 387-4825  
(250) 953-3878



Ministry of  
Energy and Mines

Province of British Columbia  
**Ministry of Energy  
and Mines**

**Report of Inspector of Mines**  
(Issued pursuant to Section 15 of the *Mines Act*)

Inspection No.: 31976  
File: 18080-02-02  
Mine No.: 1610189  
Permit No.:  
Emp/Cont: 4 / 0  
Orders H&S: 4 RECL: 0  
Stop Work: 0

**Inspection Report**

|                |                                     |                 |  |
|----------------|-------------------------------------|-----------------|--|
| NAME OF MINE   | Pierce Gravel Pit                   | LOCALITY        | 49.099, -120.894<br>Chilliwack         |
| OWNER/OPERATOR | Emil Anderson Construction Co. Ltd. | ADDRESS         | 907 Ethel Street<br>Kelowna BC V1Y 2W1 |
| MANAGER        | Rick Dametto                        | AREAS INSPECTED | Pit                                    |

**Persons Contacted**

|               |  |
|---------------|--|
| MANAGEMENT    | Rick Dametto, Robert Mayler, Neil Willis |
| OHS COMMITTEE |  |
| WORKERS       | Scott Stephen                            |

A copy has been forwarded to the Joint Occupational and Safety Committee and the union as applicable. The Mine manager shall complete the right hand column noting specific corrective actions taken by a specified date, and return a copy to the Inspector within 15 days of receiving the report. Further the manager shall post a copy to the bulletin board, to be replaced by a copy showing the manager's response. In this document, Code means Health, Safety and Reclamation Code for Mines in British Columbia.

**INSPECTION ORDERS**

A mine inspection was conducted on Wednesday May 28, 2014 accompanied by Gerry Barcelona, Inspector of Mines. The following deficiencies were noted.

**SECTION :6.20.3 Dumping Over Bank**

An oversize dump was found located along one of the access roads close to the truck loading area, the dump ramp did not have shoulder barriers and was accessible to traffic.

**No person shall drive or operate a haulage vehicle, in such a manner as to dump material from the vehicle over a bank that is more than 3 m high, or dump within 3 m of the dump berm crest when the bank is more than 3 m high, except as described in section 6.10.1(4), unless a dump person is directing vehicles to the dumping position and a dump berm is in place.**

**MANAGERS RESPONSE OF ACTION TAKEN**

James McMillan

Inspector of Mines

PO Box 9395, Stn Prov Govt Victoria BC V8W 9M9

Address

Date of Inspection: 5/28/2014

Copies To Ed Taje

Signature – Inspector of Mines

Signature – Manager

Dated: \_\_\_\_\_, 20\_\_\_\_

| INSPECTION ORDERS   | MANAGERS RESPONSE OF ACTION TAKEN |
|---|-----------------------------------|
| <p>As agreed with the loader operator access to the dump was to be prevented by the immediate placement of local material at the entrance to the dump. The height of this berm will be at least <math>\frac{3}{4}</math> the height of the largest tire on any vehicle hauling on the road.</p>   |                                   |
| <p>SECTION :3.6.1 First Aid Supplies</p> <p>The driver contacted on site was properly certified with Level 1 First Aid. <b>The required Level 1 First Aid kit was not present for workers.</b></p> <p><b>The manager shall provide and maintain first aid supplies and services as required by the Workers Compensation Board.</b></p> <p><b>This deficiency was to be remedied by the shift following the date of inspection by the provision of a Level 1 First Aid Kit.</b></p>  |                                   |
| <p>SECTION :6.19.2 Logbook to be Maintained</p> <p>The logbook for the loader on site was not found by the operator and had not been updated as required by the code.</p> <p><b>The manager shall provide and maintain an effective logbook system for each unit of mobile equipment over 7000 kg gross vehicle weight where</b></p> <ul style="list-style-type: none"> <li>(a) the vehicle operator notes the operating condition prior to operating of the vehicle</li> <li>(b) note any unsafe conditions, and</li> <li>(c) a qualified person making repairs, notes any repairs made and if the vehicle is safe to operate.</li> </ul> <p><b>This deficiency was to be remedied by the shift following ther date of inspection.</b></p> |                                   |
| <p>SECTION :6.8.3 Traffic Control</p> <p>Traffic control procedures were not posted at the site. Roads entering and exiting the pit area are too narrow for two way traffic.</p> <p>Gravel trucks entering the site were in radio communication.</p>  |                                   |

Date of Inspection

5/28/2014

Initials


\_\_\_\_\_

(Inspector)

Initials

\_\_\_\_\_

(Manager)




| INSPECTION ORDERS  | MANAGERS RESPONSE OF ACTION TAKEN |
|--|-----------------------------------|
| <p><b>The manager shall prepare traffic control procedures, showing the maximum allowable speeds for the vehicles in use, rules for passing, "stop" and "yield rules," priority rules for various vehicles, rules for night operation, maximum operating grades, emergency runoff protection, shoulder barriers, and any other information that may be required to ensure the safe operation of all types of vehicles on the mine site.</b></p> <p>Section : 6.9.1 Haulage Road Width</p> <p>The manager shall prepare a plan pursuant to section 10 (1) of the <i>Mines Act</i> which</p> <p>(1) Shows the type and method of construction for haulage roads that are to be constructed at the mine site.</p> <p>(2) Except for roads constructed prior to 1990, the manager shall ensure that haulage roads are designed, constructed and maintained to provide</p> <p>(a) a travel width where dual lane traffic exists, of not less than 3 times, or where single lane traffic exists, of not less than 2 times the width of the widest haulage vehicle used on the road, and</p> <p>(b) a shoulder barrier</p> <p>(i) at least 3/4 of the height of the largest tire on any vehicle hauling on the road,</p> <p><b>As an alternative to widening the pit access road to 3 times the width of haulage vehicles a two way traffic control system shall be initiated on the existing 2 way roads present close to the pit entrance.</b></p> <p><b>As discussed with the operator on site this requirement is to be carried out within 15 days of the inspection.</b></p> |                                   |

Date of Inspection5/28/2014

Initials\_\_\_\_\_(Inspector)

Initials\_\_\_\_\_(Manager)





# Pierce Gravel Pit

Mine No. 1610189

## General

There are no active staff alerts for this mine.

## Mine Details

Add/Edit

### Operating Status

Operating

### Status Since

N/A

### Mine Class

Regional mine

### Tenure

Public Land

### Commodity

N/A

### Disturbance

N/A

### TSF

N/A

### Notes

N/A

### Legacy Alias

0244

### Exemption Status

Yes

### Government Agency type

MOTI

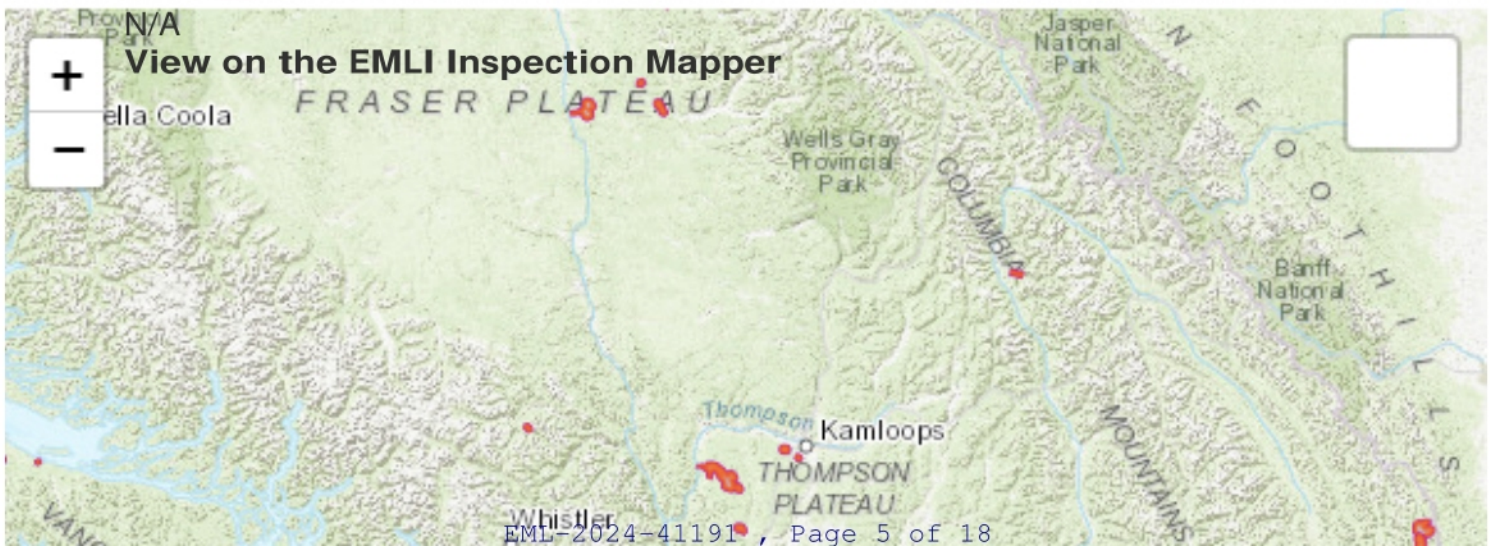
### Number of Mine Employees

N/A

### Number of Contractors

N/A

### View on the EMLI Inspection Mapper



## **Work Information**

This mine has no recorded work information.

## **Main Contacts**

### **Mine Manager**

**[Rick Dametto](#)**

EMAIL ADDRESS

[RDametto@eac.bc.ca](mailto:RDametto@eac.bc.ca)

PHONE NUMBER

250-762-9999

Mine Summary

Pierce Gravel Pit

|                                   |   |   |
|-----------------------------------|---|---|
| MINE NUMBER<br>1610189            | STATUS<br>G - Government                  | PERMITTEE<br>Ministry of Transportation |
| MINE TYPE<br>SG - SAND/GRAVEL PIT | REGION<br>1 - Victoria - Southwest Region | LAST INSPECTION DATE<br>2014/05/28      |
| MINE MANAGER<br>Rick Dametto      | PERMIT NUMBER                             | BOND AMOUNT<br>\$0.00                   |

- + Mine Visits
- + Notices of Work
- + Variances
- + Dangerous Occurrences



From: BC MoT Les Gilburg - Chilliwack Area Office

To: Inspector of Mines, Ministry of Energy, Mines and Petroleum Resources (MEMPR)

|   |   |   |   |   |
|---|---|---|---|---|
| <input checked="" type="checkbox"/> Southwest<br>Regional Office<br>PO Box 9320,<br>Stn Prov Govt<br>Victoria, BC V8W 9N3<br>southwestminesdivision<br>@gov.bc.ca | <input type="checkbox"/> South Central<br>Regional Office<br>441 Columbia St.,<br>Kamloops, BC<br>V2C 2T3<br>mmd-kamloops<br>@gov.bc.ca | <input type="checkbox"/> Southeast<br>Regional Office<br>1902 Theatre Rd.,<br>Cranbrook, BC<br>V1C 7G1<br>mmd-cranbrook<br>@gov.bc.ca | <input type="checkbox"/> Northwest<br>Regional Office<br>2 <sup>nd</sup> Floor,<br>3726 Alfred Ave.<br>Smithers, BC V0J 2N0<br>mmd-smithers<br>@gov.bc.ca | <input type="checkbox"/> Northeast/ Central<br>Regional Office<br>350 - 1011 4 <sup>th</sup> Ave.<br>Prince George, BC<br>V2L 3H9<br>mmd-princegeorge<br>@gov.bc.ca |
|---|---|---|---|---|

Notification as per TRAN/MEMPR Memorandum of Understanding - Ministry of Transportation and Infrastructure obligations - Section 4.

Pit/Quarry Name: Pierce Creek Pit #0244

Highway District: 1. Lower Mainland (Coquitlam) BC MoT Service Area: 7

Pit/Quarry Location: 25.2 km east of Vedder Crossing on and south of Chilliwack Lake Road.

UTM Zone: ☐ 8 ☐ 9 ☒ 10 ☐ 11 Northing: 5438800 Easting: 599000

Pit/Mine Manager: Bob Mailer

Pit Supervisor: John Van Degriend

Project Number:

Planned Quantity: 5,500 m3

Contractor: Emil Anderson Maintenance Company

Description of Work:

|  |                                   |                                      |
|--|-----------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Excavation | <input type="checkbox"/> Blasting | <input type="checkbox"/> Reclamation |
| <input checked="" type="checkbox"/> Screening  | Equip. Ser. No. 72-030            |                                      |
| <input checked="" type="checkbox"/> Crushing   | Equip. Ser. No. 74-037            | Trailer 57-054 Gen Set 90-148        |
| Conveyor System                                | Equip. Ser. No. 72-030            |                                      |

Anticipated Start Date: 18 09 2013 Anticipated Completion Date: 10 10 2013  
DD MM YYYY DD MM YYYY

Date: 18 09 2013  
DD MM YYYY

Signature:

Position: Operations Manager

cc: District Manager Transportation, 1. Lower Mainland (Coquitlam)

cc: BC MoT Regional Aggregate Resource Manager, Ken Lukawesky, South Coast

|   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> South Coast Region<br>Suite 310-1500 Woolridge Street,<br>Coquitlam, BC V3K 0B8<br>Phone: 604 527-2281<br>Ken.Lukawesky@gov.bc.ca | <input type="checkbox"/> Southern Interior Region<br>447 Columbia Avenue<br>Kamloops, BC V2C 2T3<br>Phone: 250 371-3965 | <input type="checkbox"/> Northern Region<br>213 - 1011 4 <sup>th</sup> Avenue<br>Prince George, BC V2L 3H9<br>Phone: 250 565-6691<br>Satish.Prasad@gov.bc.ca |
|---|---|--|





From: BC MoT

1610189

To: Inspector of Mines, Ministry of Energy, Mines and Petroleum Resources (MEMPR)

|   |  |  |  |  |
|---|--|--|--|--|
| <input checked="" type="checkbox"/> <b>Southwest</b><br>Regional Office<br>PO Box 9320,<br>Stn Prov Govt<br>Victoria, BC V8W 9N3<br>southwestminedivision<br>@gov.bc.ca | <input type="checkbox"/> <b>South Central</b><br>Regional Office<br>441 Columbia St.,<br>Kamloops, BC<br>V2C 2T3<br>mmd-kamloops<br>@gov.bc.ca | <input type="checkbox"/> <b>Southeast</b><br>Regional Office<br>1902 Theatre Rd.,<br>Cranbrook, BC<br>V1C 7G1<br>mmd-cranbrook<br>@gov.bc.ca | <input type="checkbox"/> <b>Northwest</b><br>Regional Office<br>2 <sup>nd</sup> Floor,<br>3726 Alfred Ave.<br>Smithers, BC V0J 2N0<br>mmd-smithers<br>@gov.bc.ca | <input type="checkbox"/> <b>Northeast/ Central</b><br>Regional Office<br>350 - 1011 4 <sup>th</sup> Ave.<br>Prince George, BC<br>V2L 3H9<br>mmd-princegeorge<br>@gov.bc.ca |
|---|--|--|--|--|

Notification as per TRAN/MEMPR Memorandum of Understanding – Ministry of Transportation and Infrastructure obligations – Section 4.

Pit/Quarry Name: PIERCE CREEK PIT #0224

Highway District: 1. Lower Mainland (Coquitlam) BC MoT Service Area: 7

Pit/Quarry Location: 25.2 km East of Vedder Crossing on the South side of Chilliwack Lake Road

UTM Zone: ☐ 8 ☐ 9 ☒ 10 ☐ 11 Northing: 5439200 Easting: 599200

Pit/Mine Manager: Rob Tyrrel

Pit Supervisor: Rob Tyrrel

Project Number: 12716-2016

Planned Quantity: 38,600 Tonnes

Contractor: Okanagan Aggregates Ltd.

Description of Work:

|  |                                   |                                      |
|--|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> Excavation          | <input type="checkbox"/> Blasting | <input type="checkbox"/> Reclamation |
| <input type="checkbox"/> Screening           | Equip. Ser. No.                   |                                      |
| <input checked="" type="checkbox"/> Crushing | Equip. Ser. No.                   | M2138-1108 46965 M702599             |
| Conveyor System                              | Equip. Ser. No.                   |                                      |

Anticipated Start Date: 22 08 2016  
DD MM YYYY

Anticipated Completion Date: 30 09 2016  
DD MM YYYY

Date: 10 08 2016  
DD MM YYYY

Signature: \_\_\_\_\_

Position: Operations Manager - Randy Zbytnuik

cc: District Manager Transportation, 1. Lower Mainland (Coquitlam)

cc: BC MoT Regional Aggregate Resource Manager, Ken Lukawesky, South Coast

ager

|  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> <b>South Coast Region</b><br>Suite 310-1500 Woolridge Street,<br>Coquitlam, BC V3K 0B8<br>Phone: 604 527-2281<br>Ken.Lukawesky@gov.bc.ca | <input type="checkbox"/> <b>Southern Interior Region</b><br>447 Columbia Avenue<br>Kamloops, BC V2C 2T3<br>Phone: 250 371-3965<br>Fax: 250 828-4083 | <input type="checkbox"/> <b>Northern Region</b><br>213 – 1011 4 <sup>th</sup> Avenue<br>Prince George, BC V2L 3H9<br>Phone: 250 565-6691<br>Satish.Prasad@gov.bc.ca |
|--|---|---|



Province of  
British Columbia

Ministry of  
Transportation  
and Highways

South Coast Region

Ministry of Energy, Mines and Petroleum Resources  
Inspector of Mines  
1A, 3411 Shenton Road  
Nanaimo, B.C. V9T 2H1  
Phone: 755-2486 FAX: 755-2474

MINISTRY OF ENERGY, MINES  
AND PETROLEUM RESOURCES

REC'D MAR 09 1995

NANAIMO, B.C.

## NOTIFICATION OF PIT/QUARRY MINING

(As per MOTH/MEMPR Memorandum Of Understanding, section 4)

Pit/Quarry Name: PIERCE PIT

Highway District: FRASER VALLEY

Pit/Quarry Location: 2.6 KM EAST OF VEDDOR CROSSING  
ON CHILLIWACK LAKE ROAD.

Pit Manager: BILL SUNDERWOOD Phone: 7.95-8363

Pit Supervisor: ED DIXON Phone: 433-4450

Project Number: 07806-0004

Planned Quantity: 3,000 m<sup>3</sup>

Description of Work: CRUSHING

Anticipated Start Date: MARCH 13, 1995

Duration of Project: 10 DAYS

Date: MAR. 9/95

Signature: [Signature]

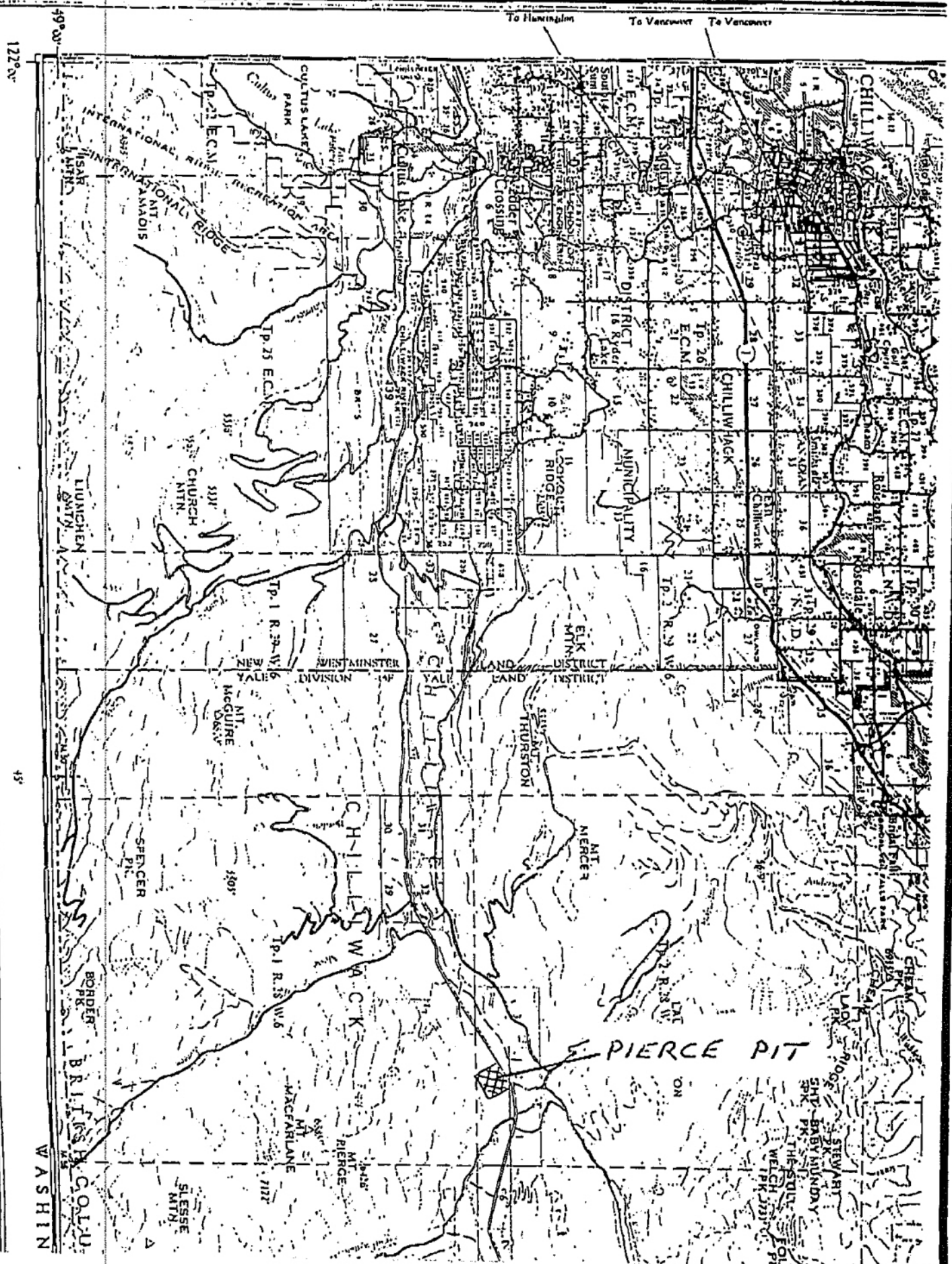
Title: AGG & TERRAIN ANALYST

WP/notice



Tidal Survey Station compiled and published by the Map Production Division, Survey and Mapping Branch, Department of Lands, Forests, and Water Resources, Victoria, B.C. 1973.

REFERENCE



Province of  
British ColumbiaMinistry of  
Transportation  
and Highways

South Coast Region

Ministry of Energy, Mines and Petroleum Resources  
Inspector of Mines  
1A, 3411 Shenton Road  
Nanaimo, B.C. V9T 2H1  
Phone: 755-2486 FAX: 755-2474

MINISTRY OF ENERGY,  
MINES AND PETROLEUM RESOURCES

REC'D. FEB 25 1994

NANAIMO, B.C.

**NOTIFICATION OF PIT/QUARRY MINING**

(As per MOETH/MEMPR Memorandum Of Understanding, section 4)

Pit/Quarry Name: PIERCE PITHighway District: FRASER VALLEYPit/Quarry Location: 26 KM EAST OF UEDDER CROSSING  
ON CHILLIWACK R.R. ROAD.Pit Manager: BILL SUNDERWOOD Phone: 795-8363

Pit Supervisor: \_\_\_\_\_ Phone: \_\_\_\_\_

Project Number: 07806 - 0011 - 7824Planned Quantity: 5,000 m<sup>3</sup>Description of Work: CRUSHINGAnticipated Start Date: MARCH 7/94Duration of Project: 2 WKSDate: FEB 25/94Signature: [Signature]Title: GRAVEL MANAGER (REG.)

WP/notice

CC: PAT CRICKSHANK, FRASER VALLEY DIST.





Province of  
British Columbia

Ministry of  
Transportation  
and Highways

South Coast Region

Ministry of Energy, Mines and Petroleum Resources  
Inspector of Mines  
1A, 3411 Shenton Road  
Nanaimo, B.C. V9T 2H1  
Phone: 755-2486 FAX: 755-2474

## **NOTIFICATION OF PIT/QUARRY MINING**

(As per MOTH/MEMPR Memorandum Of Understanding, section 4)

Pit/Quarry Name: PIERCE PIT

Highway District: FRASER VALLEY

Pit/Quarry Location: 26KM EAST OF VEDDER CROSSING  
ON CHILLIWACK LK. ROAD.

Pit Manager: BILL SUNDERWOOD Phone: 795-8363

Pit Supervisor: \_\_\_\_\_ Phone: \_\_\_\_\_

Project Number: 07806 - 0011 - 7824

Planned Quantity: 5,000 m<sup>3</sup>

Description of Work: CRUSHING

Anticipated Start Date: MARCH 7/94

Duration of Project: 2 WKS

Date: FEB 25/94

Signature: \_\_\_\_\_

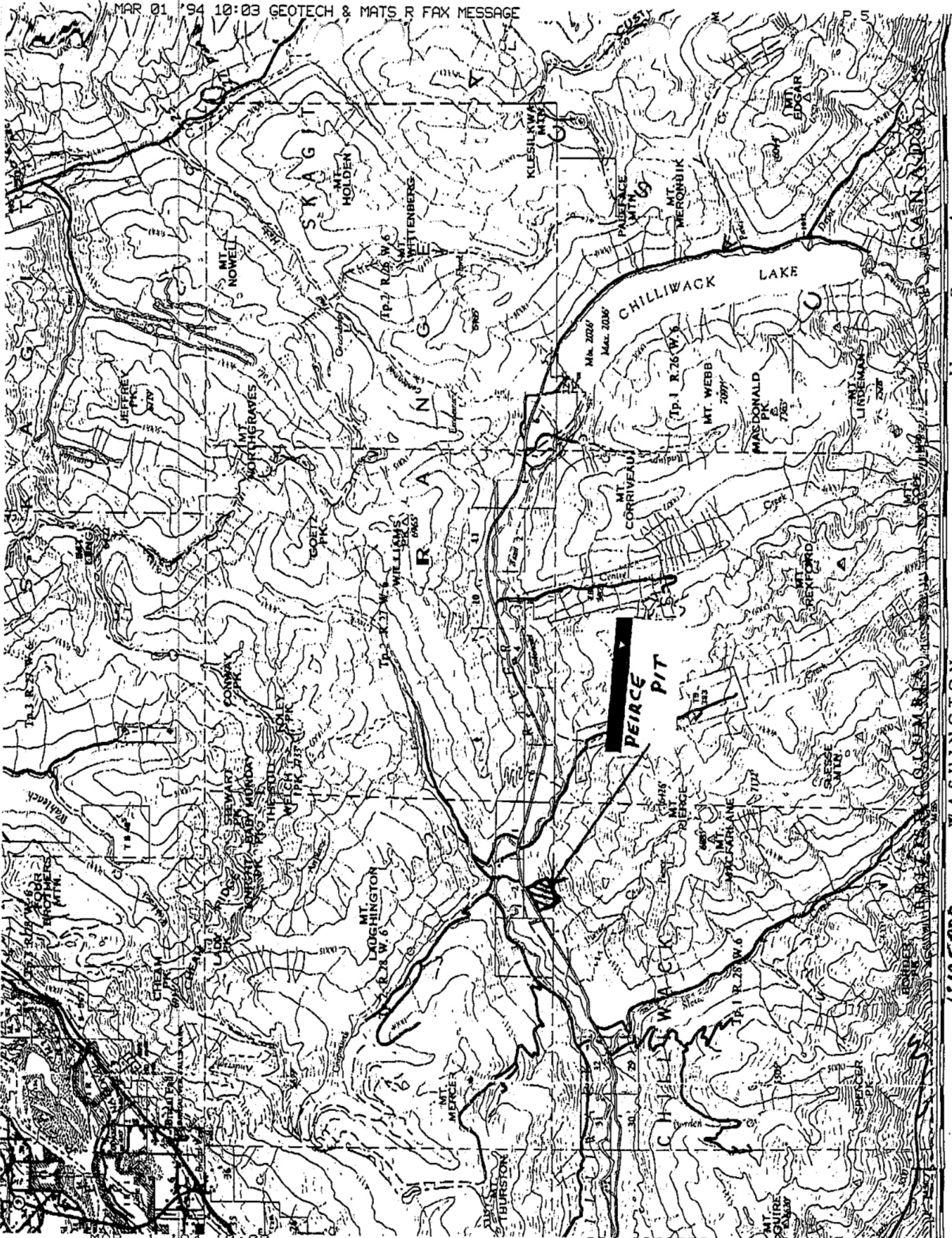
Title: QUARRY MANAGER (REG.)

WP/notice

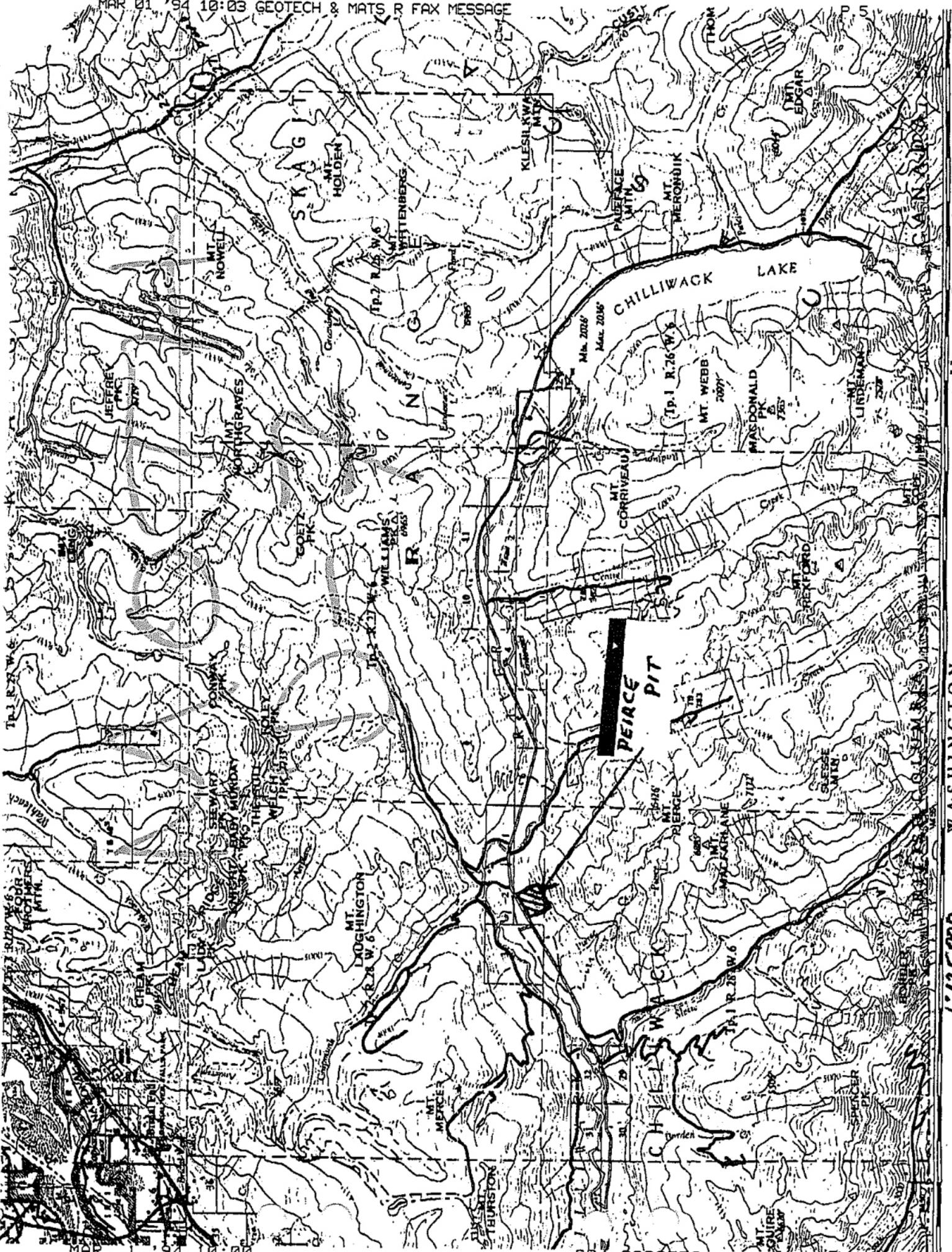
CC: PAT CRICKSHANK, FRASER VALLEY DIST.



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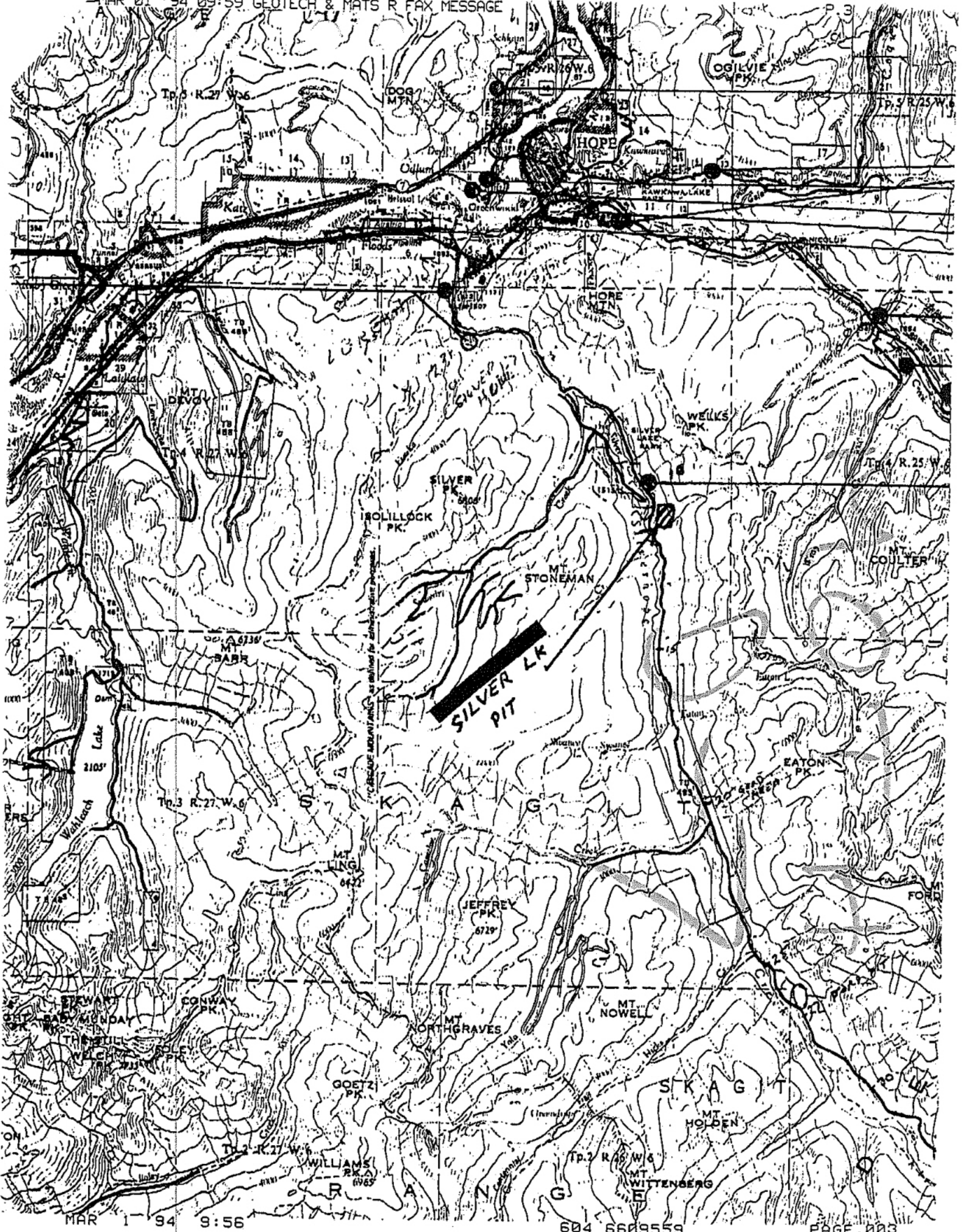


U. S. A.

WASHINGTON

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MAR 1 '94 9:56

604 6609559

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**Province of British Columbia  
Ministry of Energy, Mines and Petroleum Resources**

**Report of Inspector of Mines**  
(Issued pursuant to Section 15 of the Mines Act)

Page 1 of 2

|   |   |
|---|---|
| Name of Mine: <b>MOTH/Pierce Pit</b>          | Locality: <b>Chilliwack Lake Rd.</b>                            |
| Owner or Operator: <b>Okanagan Aggregates</b> | Address: <b>3402 Willington Ave.,<br/>Burnaby, B.C. V6G 3G9</b> |
| Manager: <b>Steve Likness</b>                 | Areas Inspected:  |

**Persons Contacted**

Management: **Brian J. Pitman**Safety Committee: **N/A**Workers: **Greg Vander Muir**

A copy has been forwarded to the Joint Occupational Health and Safety Committee and/or the union. The mine manager shall complete the right hand column noting specific corrective actions taken, or to be taken by a specified date, and return a copy to the Inspector within 15 days of receiving the report. Further, he shall post a copy to the bulletin board.

In this document, Code means Health, Safety and Reclamation Code for Mines in British Columbia.

| Inspection Report  | Manager's Response of Action Taken |
|--|------------------------------------|
| <ul style="list-style-type: none"> <li>- Number of employees working at this site:</li> <li>- All mobile equipment shall be operated with the lights on. Sec. 6.10.3, Mines Code and General Rules. Re: 966F Cat 1423 license XI-7278.</li> <li>- A barrier of sufficient size and strength, well anchored, shall be installed at the discharge of vehicles into the hopper to prevent these from hitting the bin. Sec. 6.12.2(4), Mines Code and General Rules. Re: El-Jay and Wormak crushing and screening plants.</li> <li>- The manager shall ensure that every employee is given a copy of the Mines Act, regulations and code. An other copy shall be maintained in a suitable location at the site of operations, available for consultation. Section 1.4.2(2) of the Mines Code and General Rules. A book given to Greg Vander Muir.</li> </ul> |                                    |

**Jorge C. Alvarez, P. Eng.**

Inspector of Mines

Signatures

Inspector

**1A-3411 Shenton Rd., Nanaimo, B.C.**

Address

**V9T 2H1**

Manager

Date of Inspection **March 9, 1994**

Dated: \_\_\_\_\_, 19\_\_

cc: Safety Committee

## Inspection Report

## Manager's Response of Action Taken

- The conveyors at the crushing plant were found without suitable guards at nip points. Guards shall extend for a distance of at least 1m from the nip point. This deficiency shall be corrected immediately. Section 4.4.17(5) of the Mines Code and General Rules. Re: crusher and screen product conveyors.
- An Occupational Health & Safety Committee shall be formed and inspect the operations monthly. A meeting of this Committee shall follow the inspection. Section 1.6.1 of the Mines Code and General Rules.
- Minutes of the Occupational Health & Safety Committee meetings shall be forwarded monthly to the District Inspector in Nanaimo. Section 1.6.3(3) of the Mines Code and General Rules. **Sample left.**
- Records of training for workers, pursuant to Sec. 1.11.1 to 1.11.5 of the Mines Code and General Rules shall be kept by the manager to be reviewed by the Inspector of Mines as required. **Sample left.**

Jorge C. Alvarez, P. Eng.

Inspector of Mines

1A-3411 Shenton Rd., Nanaimo, B.C.

Address V9T 2H1

Date of Inspection March 9, 1994

Signatures

Inspector

Manager

Dated: \_\_\_\_\_, 19\_\_