



December 8, 2008

14675-30 File: ROBS
Mine Number: 1101727
Notice of Work: 200801

Viktor Bugaychuk
Robson Valley Construction
Box 474
McBride BC V0J 2E0

Dear Viktor Bugaychuk:

**Re: Amendment of Reclamation Permit G-11-099
Sand & Gravel Extraction DL 3322, ROBS 2**

Your Notice of Work and Reclamation Program dated May 6, 2008 has been reviewed and found to be acceptable. Your reclamation permit is hereby amended pursuant to the Mines Act. Your attention is drawn to the conditions, which are an integral part of your permit. Note that your amended work program as set out in the above noted Notice of Work is also an integral part of your permit. You are reminded not to depart from your authorized work system to any substantial degree without the written approval of the Chief Inspector of Mines.

Please read your permit and ensure that you and all persons who are carrying out activities under this permit comply with all terms and conditions and are familiar with the approved work program. Maintain a legible copy of this permit at the mining property, and ensure it is available to authorized inspectors and other authorized government officials.

This permit applies only to the requirements under the *Mines Act* and Health, Safety and Reclamation Code for Mines in British Columbia (Code). Other legislation may be applicable to the operation and you (the Permittee) are responsible for obtaining all required approvals or permits under that legislation. Work requiring approval or permit(s) from other agencies shall not commence until those approvals or permits are obtained, including tree cutting authority.

You are reminded that as a condition of your permit you are required to comply with all conditions as set out by the Department of Fisheries and Oceans (DFO). This includes the conditions that all works shall be complete and equipment removed from the gravel bar prior to April 30 of each year and the Manager is required to notify DFO at least 10 working days before starting work each year.

Cutting of timber and use of roads is not authorized under this permit. It is your responsibility to apply for and receive cutting authority prior to felling timber on crown land and road use permits wherever necessary. It is also your responsibility to comply with the terms and conditions of all permits and authorizations that you may have been issued and other applicable legislation such as the Forest Fire Prevention and Suppression regulations. If the total volume of timber to be cut is in excess of 50m³, you are required to obtain a license to cut from the Ministry of Forests.

Pursuant to section 21, 22, 23, and 24 of the Mines Act, a Mine Manager shall be appointed for your mine site. Prior to commencing mining activities, please provide, to this mines inspector, the name and contact information for the appointed Mine Manager. This Mine Manager shall be adequately qualified and well informed of the responsibilities regarding the *Mines Act* and the Health, Safety and Reclamation Code.

**Ministry of
Energy, Mines and
Petroleum Resources**

Mining & Minerals Division
Mining Operations Branch

Mailing Address:
Suite 350 - 1011 4th Avenue
Prince George BC V2L 3H9
Phone: 250-565-4240
Fax: 250-565-4328

Location:
Suite 350
Plaza 400 Bldg
Prince George BC

Pursuant to section 1.7.1 of the Health, Safety and Reclamation Code the Manager shall report all accidents and dangerous occurrences to the regional inspector of mines.

Total reclamation security held under this permit shall remain at \$3,500. As a condition of this permit, you are required to continually and progressively reclaim the surface of the land affected by the mining operation. The amount of your security deposit may be adjusted on the basis of reclamation performance, field inspections by this Ministry, and on reports which may be requested.

For reclamation purposes, ensure that photos are taken of the work areas prior to commencing work, during operations and following completed reclamation. These photos are to be submitted to this office with your completed Annual Summary of Activities form. It is a requirement that you submit a completed form and detailed map of your mining operation annually, by March 31, to this office. This information is required to evaluate your next application and failure to provide the information may result in a delay of future permitting. A blank form is enclosed for your convenience.

Contaminated or silt laden water shall be suitably contained on site and shall not be allowed to enter any watercourse or stream. Erosion shall be minimized and controlled at the source eliminating negative impacts to the environment.

All activities on the mine site shall conform to terms and conditions listed in:

- a) the Health, Safety and Reclamation Code for Mines in British Columbia,
- b) the *Mines Act*,
- c) the Metal Leaching and Acid Rock Drainage Guidelines for Mines in British Columbia, and
- d) the Handbook for Mineral and Coal Exploration in British Columbia.

Health and safety inspections fall under the jurisdiction of the Mining Division of the Ministry of Energy and Mines. A fee for this service is collected through the Mine Health and Safety Inspection Fee. The fee structure is based on annual production in metric tonnes for the period January 1st through December 31st. You will receive the remittance forms and a payment schedule in December of each year with payment due by January 31st of the new year. Samples are enclosed for your information only.

For further information regarding the Health and Safety Inspection Fee please contact your regional office or Trevor Miller at the Resource Revenue Branch in Victoria at (250) 952-0220.

When activity on the site is finished and reclamation completed please forward a request for cancellation of permit and return of securities to this office.

Sincerely,

Victor Koyanagi, P.Geo.
Inspector of Mines

encl Amended Permit
 Approved NoW
 Annual Summary of Activities Form

Cc: Reclamation Section, Victoria
 DFO



The Best Place on Earth

June 16, 2008

File: 14675-20/1101727/ROBS (2)

Victor Bugaychuk
Robson Valley Construction
Box 474
McBride BC V0J 2E0

Dear Victor Bugaychuk

Re: Application for Mines Act Permit
Property: DL 3322

Receipt is acknowledged of your Notice of Work and Reclamation dated May 6, 2008 for the above noted property. Please be advised the initial review of your application indicated that further processing of your proposal can not take place for the following reasons:

1. Please provide us with a current copy of your land tenure.
2. You indicate that the gravel is skimmed off the bar and hauled to higher ground. Please clarify where the aggregate is stockpiled. The ALC has stated in their letter of October 14, 2004 that none of the area above the high water mark is to be used for storage or works yard purposes.
3. It is a requirement that you provide an Emergency Response Plan. The requirements of the plan are enclosed.

Should you require further information or wish to discuss your proposal please do not hesitate to contact me.

Sincerely,

Allan Ludwig
Inspector of Mines

Encl. ERP requirements

PROVINCE OF BRITISH COLUMBIA
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

SAND AND GRAVEL PERMIT
APPROVING WORK SYSTEM AND RECLAMATION PROGRAM
(Issued pursuant to Section 10 of the **Mines Act** R.S.B.C. 1996, C.293)

Permit: **G-11-099**

Mine No.: **1101727**

Issued to: **Robson Valley Construction**
Viktor Bugaychuk
Box 474
McBride BC V0J 2E0

for work located at the following property:

Pit / DL3322 on the Fraser River

The Approval of the work system is issued for the period:

March 1, 2009 to April 30, 2015

This Approval and Permit are issued pursuant to Section 10 of the **Mines Act**, and are subject to the appended conditions.

Issued this 24th day of April in the year 2006.

Amended this 8th day of December in the year 2008

F.W. Hermann, P. Eng.
Chief Inspector of Mines

PREAMBLE

Notice of intention to commence work on a sand and gravel pit, including a plan of the proposed work system and a program for the protection and reclamation of the surface of the land and watercourses affected by the Notice of Work dated April 20, 2006 was filed with the District Inspector on April 20, 2006.

This permit contains the requirements of the Ministry of Energy, Mines and Petroleum Resources for reclamation. It is also compatible, to the extent possible, with the requirements of other provincial ministries for reclamation issues. The amount of security required by this permit, and the manner in which this security may be applied, will also reflect the requirements of those ministries. Nothing in this permit, however, limits the authority of other provincial ministries to set other conditions, or to act independently, under their respective permits and legislation.

Decisions made by staff of the Ministry of Energy, Mines and Petroleum Resources will be made in consultation with other ministries.

CONDITIONS

The Chief Inspector of Mines (Chief Inspector) hereby approves the work plan and the program for protection and reclamation of the land surface and watercourses subject to compliance with the following conditions:

1. Reclamation Security

- (a) The owner, agent or manager (herein called the Permittee) shall maintain with the Minister of Finance securities in the amount of three thousand five hundred dollars (\$3,500). The security will be held by the Minister of Finance for the proper performance of the approved program and all the conditions of this permit in a manner satisfactory to the Chief Inspector.
- (b) The Permittee shall conform to all forest tenure requirements of the Ministry of Forests. Should the Permittee not conform to these requirements then all or part of the security may be used to cover the costs of these requirements.
- (c) The Permittee shall conform to all Ministry of Environment approval, license and permit conditions, as well as requirements under the **Wildlife Act**. Should the Permittee not conform to these conditions, then all or part of the security may be used to fulfill these requirements.

2. Land Use

The surface of the land and watercourses shall be reclaimed to the following land use: ***river bed***.

3. Productivity

The level of land productivity to be achieved on reclaimed areas shall not be less than existed prior to mining on an average property basis unless the Permittee can provide evidence which demonstrates, to the satisfaction of the Chief Inspector, the impracticality of doing so.

4. Revegetation

Where vegetation is disturbed, land shall be re-vegetated to a self-sustaining state using appropriate plant species.

5. Use of Suitable Growth Medium

(a) On all lands to be revegetated, the growth medium shall satisfy land use, productivity, and water quality objectives. Topsoil and overburden (to rooting depth) shall be removed from operational areas prior to any disturbance of the land and stockpiled separately on the property for use in reclamation programs, unless the Permittee can provide evidence which demonstrates, to the satisfaction of the Chief Inspector, that reclamation objectives can otherwise be achieved.

(b) No topsoil shall be removed from the property without the specific written permission of the District Inspector.

6. Buffer Zones and Berms

Buffer zones and/or berms shall be established between the mine and the property boundary unless exempted in writing by the District Inspector.

7. Treatment of Structures and Equipment

Prior to abandonment, and unless the Chief Inspector has made a ruling otherwise, such as heritage project consideration or industrial use,

(a) all machinery, equipment and building superstructures shall be removed,

- (b) concrete foundations shall be covered and revegetated unless, because of demonstrated impracticality, they have been exempted by the Inspector, and
- (c) all scrap material shall be disposed of in a manner acceptable to the Inspector.

8. Watercourses

- (a) Watercourses shall be reclaimed to a condition that ensures
 - (1) long-term water quality is maintained to a standard acceptable to the Chief Inspector,
 - (2) drainage is restored either to original watercourses or to new watercourses which will sustain themselves without maintenance, and
 - (3) use and productivity objectives are achieved and the level of productivity shall not be less than existed prior to mining unless the Permittee can provide evidence which demonstrates, to the satisfaction of the Chief Inspector, the impracticality of doing so.
- (b) Water which flows from disturbed areas shall be collected and diverted into settling ponds.

9. Roads

- (a) All roads and access areas shall be reclaimed in accordance with land use objectives unless permanent access is required to be maintained.
- (b) Individual roads will be exempted from the requirement for total reclamation under condition 9(a) if either:
 - (1) the Permittee can demonstrate that an agency of the Crown has explicitly accepted responsibility for the operation, maintenance and ultimate deactivation and abandonment of the road, or
 - (2) the Permittee can demonstrate that another private party has explicitly agreed to accept responsibility for the operation, maintenance and ultimate deactivation and abandonment of the road and has, in this regard, agreed to comply with all the terms and conditions, including bonding provisions, of this reclamation

permit, and to comply with all other relevant provincial government (and federal government) regulatory requirements.

10. Disposal of Fuels and Toxic Chemicals

- a) **Fuels, chemicals or reagents shall not be stored on the river bar at any time.**
- b) Fueling of equipment must be conducted off the river bed.
- c) Fuels, chemicals or reagents which cannot be returned to the manufacturer/supplier are to be disposed of as directed by the Chief Inspector in compliance with municipal, regional, provincial and federal statutes.

11. Temporary Shutdown

- a) **No equipment shall be stored on the gravel bar or within the river bed.**
- b) **All equipment shall be removed from the gravel bar during periods when gravel is not being extracted, including overnight.**
- c) If this sand and gravel pit ceases operation for a period longer than one year the Permittee shall either continue to carry out the conditions of the permit or apply for an amendment setting out a revised program for approval by the Chief Inspector.

12. Safety Provisions

All safety and other provisions of the **Mines Act** shall be complied with to the satisfaction of the Chief Inspector.

13. Monitoring

The Permittee shall undertake monitoring programs, as required by the District Inspector, to demonstrate that reclamation objectives are being achieved.

14. Alterations to the Program

Substantial changes to the program must be submitted to the District Inspector for approval.

15. Notice of Closure

Pursuant to Part 10.5.1 of the Health, Safety and Reclamation Code for Mines in British Columbia, a Notice of Completion of Work shall be filed with the District Inspector not less than seven days prior to cessation of work.

16. Annual Report

Annual reports shall be submitted in a form and containing the information as and if required by the District Inspector.

17. Site Stability

- a) The inspector shall be advised in writing at the earliest opportunity of any unforeseen conditions that could adversely affect the extraction of materials, site stability, erosion control or the reclamation of the site.
- b) The stability of the slopes shall be maintained at all times and erosion shall be controlled at all times.
- c) The discovery of any significant subsurface flows of water, seeps, substantial amounts of fine textured, soils, silts and clays, shall be reported to the inspector as soon as possible and work shall cease until the inspector advises otherwise.

18. Other Conditions

- a) Attached to this permit are conditions listed in two letters from the Department of Fisheries and Oceans Canada (File Number 05-HPAC-PA7-000-000270) authored by Kelly Austin, Habitat Biologist, dated August 23, 2005 and January 30, 2006. You are responsible to comply with these conditions as they form part of your permit.
- b) Attached to this permit are conditions listed in a letter from the Agricultural Land Commission (ALC File N-36260) authored by Erik Karlsen, dated October 14, 2005. You are responsible to comply with these conditions as they form part of your permit.
- c) Attached to this permit are conditions listed in a letter the Department of Fisheries and Oceans Canada (File Number M6009) authored by Tim Panko, Fishery Technologist, dated March 5, 1997. You are responsible to comply with these conditions as they form part of your permit.
- d) Annual gravel extraction shall not exceed 3000 m³.

- e) Work shall be conducted only during periods when the gravel bars are dry.
- f) Work shall not be conducted within five metres of the wetted perimeter or river edge.
- g) All machinery shall be in good working order and free from oil or fuel leaks. A detailed spill response plan shall be developed and maintained at the mine site. An adequate spill kit shall be maintained and kept on the mine site whenever mining activities are occurring.
- h) The depth of gravel extraction shall be limited to that above the existing water table.
- i) Stockpiling or storage of materials is prohibited below the high water mark.
- j) Access to the extraction site is to be limited to the existing access and no new access points are to be constructed.
- k) Access areas shall be reclaimed to standards listed in section 10.7 of the Health, Safety and Reclamation Code for Mines in British Columbia.
- l) The Manager shall ensure all workers on the mine site are aware of the land tenure boundaries and shall ensure no mining activities occur outside of these boundaries.
- m) This permit is not transferable.

19. Training and Orientation

The manager shall ensure that all workers are adequately trained to do their job or are working under the guidance of someone who has competency both in the job and in giving instruction, and ensure that all employees receive thorough orientation and basic instruction in safe work practices.

The manager shall maintain a record of all training workers and supervisors have received, and make this record available to an inspector upon request.

20. Guarding of Equipment:

The Manager shall ensure compliance with section 4.4.2 of the Health, Safety and Reclamation Code for Mines in British Columbia and ensure all moving parts of machinery are adequately guarded wherever necessary.

21. Emergency Response Plan:

An emergency response plan shall be developed and implemented prior to commencement of exploration activities. In addition to addressing daily operational issues, the plan shall specifically address emergency evacuation of personnel due to injury and forest fire hazard. All persons on the mine site shall be familiar with the ERP. The plan shall be available on site for review.

22. Access Control

The Manager shall ensure, pursuant to section 1.3 of the Health, Safety and Reclamation Code for Mines in British Columbia, other than an inspector, only persons authorized by the manager shall enter or be permitted to enter the mine site. This shall be accomplished through the use of locked gates or other suitable means. In addition, notice to this effect shall be posted at all road entrances to the mine.

23. Authorizations from Other Agencies:

- a) The Permittee is responsible for obtaining all permits and authorizations as required from other government agencies and complying with terms and conditions as set out by those agencies.

24. Compliance:

All activities on the mine site shall comply with terms and conditions listed in:

- a) the *Mines Act*,
- b) the Health, Safety and Reclamation Code for Mines in British Columbia,
- c) *the Metal Leaching and Acid Rock Drainage Guidelines for Mines in British Columbia, and*
- d) the Handbook For Mineral and Coal Exploration in British Columbia

25. Dangerous Occurrences

The Manager shall ensure compliance with section 1.7.1 of the Code and report dangerous occurrences to the district inspector when necessary.



Ministry of Energy and Mines

MINISTRY OF
ENERGY AND MINESSand and Gravel/Quarry Operation
Notice of Work and
Reclamation Program

Mine No. 1101727.



The information on this form and any supporting documents are subject to the *Freedom of Information and Protection of Privacy Act*. The information requested on this form is collected and used for the purpose of administering the *Mines Act* & *Health, Safety and Reclamation Code for Mines in British Columbia*. The *Mines Act* of British Columbia also authorizes the collection of the requested information on this form. The completed form is routinely available to the public. Questions about how the *Freedom of Information and Protection of Privacy Act* applies to the information collected on this form can be directed to the Information Access and Records Services Branch at (250) 952-0514; fax (250) 952-0739 or write to: PO Box 9323 St. John's, Victoria, British Columbia, V8W 9N3.

Application is for:

☒ Sand and Gravel Mine☐ Rock Quarry

This application is for (check one):

☐ Development☐ Amendment to existing permitPermit # G-11-099/Renewal

Application is being made by:

☒ Owner (Private property)☐ Operator/Agent (Person or company making application on Crown land or on private property not owned by applicant)Name Viktor Bugaychuk

E-mail Address: _____

Company (if applicable) Robson Valley ConstructionAddress Box 474City McBrideBus. Phone (250) 569-2593Province BCPostal Code V0J 2G0Fax (250) 569-0178

LOCATION INFORMATION - Maps are mandatory under Schedule A

Name of Mine (What will the operation be called when in production?): DL 3322 P.T.Legal Description of Property: Robson Valley Construction P.T. Dec 8, 2008Street Address of Property, if applicable: N/AAccess route from nearest town to property: Highway 16 East of McBride to Beaver RD.

B.C. Geographic System Map Sheet Number(s) [i.e. TRIM 093L.006]

Northing: 58 90983Easting: 692880UTM Zone: 10

or NTS Map Sheet Number(s) [i.e. NTS 093L/14E]: _____

Latitude: 53° 07' 15.7"Longitude: 120° 06' 15.1"

OWNERSHIP (Complete a, b or c if the land is not privately held by applicant)

a) Proposed mine is on private land:

Name of property owner _____

Address _____

City _____

Bus. Phone () _____

Province _____

Postal Code _____

Fax () _____

Signature of owner agreeing to the mining operation proposed in this application (or attach letter of authorization signed by owner):

Name: _____

Date: _____

b) Proposed mine is on Crown land:

Assets and Lands Corporation (BCAL) file reference number: 7404031License of Occupation/Lease number: 705346 Expiry date of Licence/Lease (y/m/d): 2015, 10, 31

c) Proposed mine is a mineral quarry (as defined under the Mineral Tenure Act):

What mineral is proposed to be mined? _____

Mineral Claim/Lease Tenure Number(s): _____

MANAGEMENT

Correspondence regarding this application should be sent to:

☒ Owner

or

☐ Operator/AgentThe mine manager (*Mines Act* Sections 21 and 22) responsible for management and operation of the mine will be:Name: Viktor BugaychukBus. Phone: (250) 569-2593

**LAND USE**

1) Cultural Heritage Resources (A cultural heritage resource is defined as "an object, a site or the location of a traditional societal practice that is of historical, cultural or archaeological significance to British Columbia, a community or an aboriginal people". B.C. law requires the conservation of these resources. It is the responsibility of the applicant to identify these resources.

Are you aware of any cultural heritage resources present on the property?

- ☐ Yes - please attach a plan for the conservation of cultural heritage resources on the property
☒ No - if cultural heritage resources are discovered while mining, you are required to report them to the Mining Division.

2) Soil Conservation

Average depth of overburden (material, including topsoil, overlying sand, gravel and/or rock): NONE cm, or _____ m

Average depth of topsoil (Surface to maximum rooting depth of plants, plus 15 cm.): NONE cm, or _____ m

Measures to stabilize soil/overburden stockpiles and control noxious weeds: _____

N/A

Topsoil must be conserved for reclamation of the mine site.
Removal of topsoil from the site requires written approval of the Inspector

3) End Land Use

Is the site within the Agricultural Land Reserve?

- ☐ No ☒ Yes - authorization for soil removal from the Land Reserve Commission and Regional District must be obtained. Provide permit application number if available: #158 Soil Removal Per

Is the site within the Forest Land Reserve?

- ☒ No ☐ Yes - authorization from the Land Reserve Commission must be obtained

Is the site within a Tree Farm Licence?

- ☒ No ☐ Yes - state the TFL number: _____

Name of TFL holder: _____

Does the local government have a Soil Removal Bylaw?

- ☒ No ☐ Yes - please be aware that a Soil Removal Permit may be required by the local government

Official Community Plan designation for the site is: _____

Current land use zoning for the site is: _____

Proposed end land use is: _____

(SAND BAR IN RIVER FRASER)

4) Reclamation of Site (If space provided below is insufficient, please attach separate sheet describing proposed reclamation)

Reclamation measures and schedule proposed to achieve end land use objectives as per part 10.7.4 and 10.7.5 of the Health Safety and Reclamation Code for Mines in British Columbia (hereafter referred to as the Code): _____

WE DO NOT RECLAIM THE SITE AFTER EXCAVATION
DUE TO THE FACT IT IS BELOW HIGH WATER
MARK. WE LEVEL THE AREA TO INSURE THERE
ARE NO FISH TRAPS ONLY.

If backfilling of pits or pit slopes is proposed in the final configuration for reclamation, provide details of materials to be used and placement procedure: _____

N/A

MINE DEVELOPMENT PLAN (Maps are mandatory - please refer to Schedule A)

Unless otherwise required by the Inspector, complete the following mine development plan and prepare development maps and cross sections based on a period of 5 years or less. Mines operating for longer than 5 years, may be required to file updated Notices of Work every 5 years over the life of the mine at the discretion of the District Inspector.

Proposed start date (y/m/d): March 1, 2009 Proposed finish date (y/m/d): May 15, 2015

The mining operation will generally be (check one) ☐ Continuous (operates throughout the year)
☐ Seasonal, usually operates from _____ to _____
☒ Intermittent (occasionally operates with extended periods of inactivity)

Estimate total mineable reserves over the life of the mine: NO LIMIT ^{RENEWED UGARLY} tonnes, or _____ m³
 Estimated annual extraction from site: 6000 tonnes/yr, or 3000 m³/yr

Application must be made to the Environmental Assessment Office if estimated extraction for sand/gravel production is 500,000 tonnes/yr. or 1,000,000 tonnes over 4 years; or if estimated extraction is 250,000 tonnes/yr. for quarried product. Mineral quarries producing more than 1000 tonnes per year per claim require a mining lease.

Description of Work (Check appropriate boxes):

- ☒ Excavation of Pit Run ☐ Washing - please complete Schedule B
☐ Crushing ☐ Blasting - please complete Schedule C
☐ Mechanical Screening ☐ Timber Clearing * - estimate volume of timber: _____ m³

* Timber Clearing on Crown Land requires a Free Use Permit or License to Cut from the Ministry of Forests

Provide a brief description of operation, including proposed work schedule (i.e. hours, days of usual operation): _____

WE BEGIN IN LATE MARCH AND WORK TILL EARLY
MAY OF EACH YEAR
WE SKIM ABOUT 2 FT OF GRAVEL FROM THE SURFACE
OF THE BAR, AND HAUL GRAVEL TO HIGHER GROUNDS.

No work approved beyond April 30 of each year.

Equipment List: (Please attach separate list if space provided below is insufficient)

Type of Machine	Make/Model	Size/Capacity	# on Site
320C CAT Excavator	200	1.25 yards	-
DUMP TRUCK	1989 Mack	7 METERS	
DUMP TRUCK	2000 Kenworth	7 METERS	

Surface Disturbance - Information provided must be documented in development maps submitted under Schedule A

(Note that 10,000 m² = 1 hectare)

Existing Disturbance (Work areas, unreclaimed areas, access roads, etc.) _____ m², or 1 hectares

Proposed Mining Disturbance (New work areas, settling ponds, access roads, buildings, etc. to be developed within the time frame of this Notice of Work) N/A m², or _____ hectares

Total Disturbed Area (Existing + Proposed Disturbance) _____ m², or 1 hectares

Will any portion of this disturbance be reclaimed within the time frame of this Notice of Work?

☒ No ☐ Yes - state size of area to be reclaimed: _____ m², or _____ hectares

Estimated Cost of Reclamation: Applicant \$ _____
 Mining Division \$ _____



Are settling ponds or other structures proposed to control sedimentation in surface run off?

☒ No☐ Yes - please complete Schedule BWhat is the average depth to the high groundwater table at the proposed excavation? N/A m

Elevation of the groundwater table was determined from (check applicable boxes):

☐ Existing area wells☐ Test wells drilled for this purpose☐ Test pits☐ Other (describe) _____Describe measures proposed to protect groundwater quantity and quality from potential impacts of the proposed mining activity (i.e. fuel management program, buffer above water table, etc.):
N/A**Note that excavations below the groundwater table may require special approval from the Inspector**

Will fuel/lubricants be stored on site?

☒ No☐ Yes

If yes, handling, transportation and storage must adhere to B.C. Environment standards as detailed in "Summary of Environmental Standards and Guidelines for Fuel Handling, Transportation and Storage, 2nd edition"

Shortest distance between proposed excavation to nearest residence: _____ m, or 6 kmShortest distance between proposed excavation to nearest residential water source: _____ m, or 1 kmDescribe measures proposed to prevent inadvertent access of unauthorized persons on the mine site (i.e. fencing, vegetative barriers, berms, etc.):
N/A

Are measures proposed to minimize noise impacts of the operation? (i.e. equipment selection, restrictions on hours of operation, noise barriers, etc.)

☒ No☐ Yes - Please describe: _____

Are measures proposed to minimize dust impacts of the proposed operation? (i.e. apply dust suppressants, water sprays, wind breaks, vegetation, etc.)

☒ No☐ Yes - Please describe: _____

Are measures proposed to minimize visual impacts of the proposed operation? (i.e. vegetative barriers, berms, green belts, etc.)

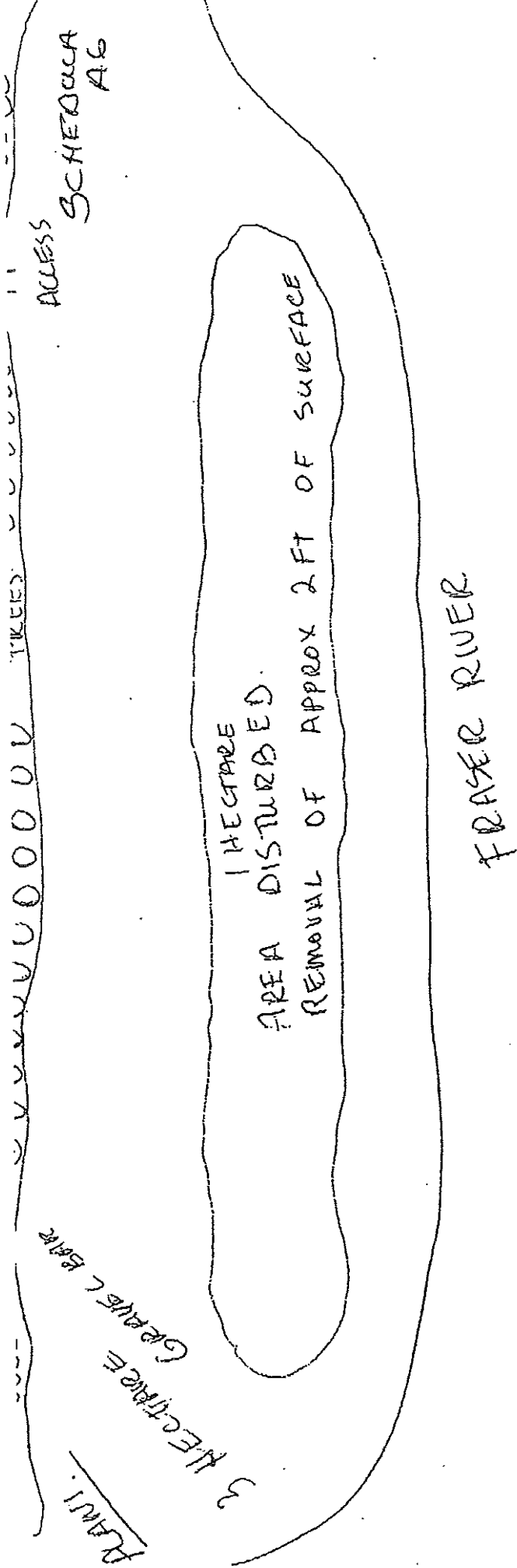
☒ No☐ Yes - Please describe: _____**OCCUPATIONAL FIRST AID**

First Aid Supplies and communication at the mine site are required as per Parts 3.6.1 to 3.6.3 of the Code.

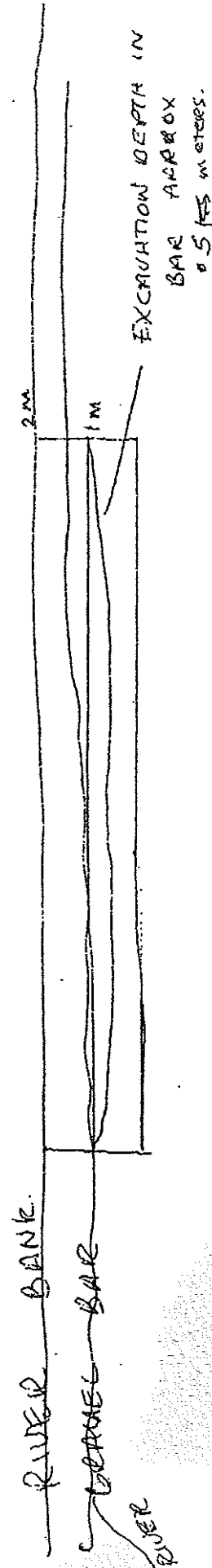
Describe the means of communication from the mine site: TRUCK RADIOSLocation of nearest hospital: 3 kmsTravel time to hospital: 5 min

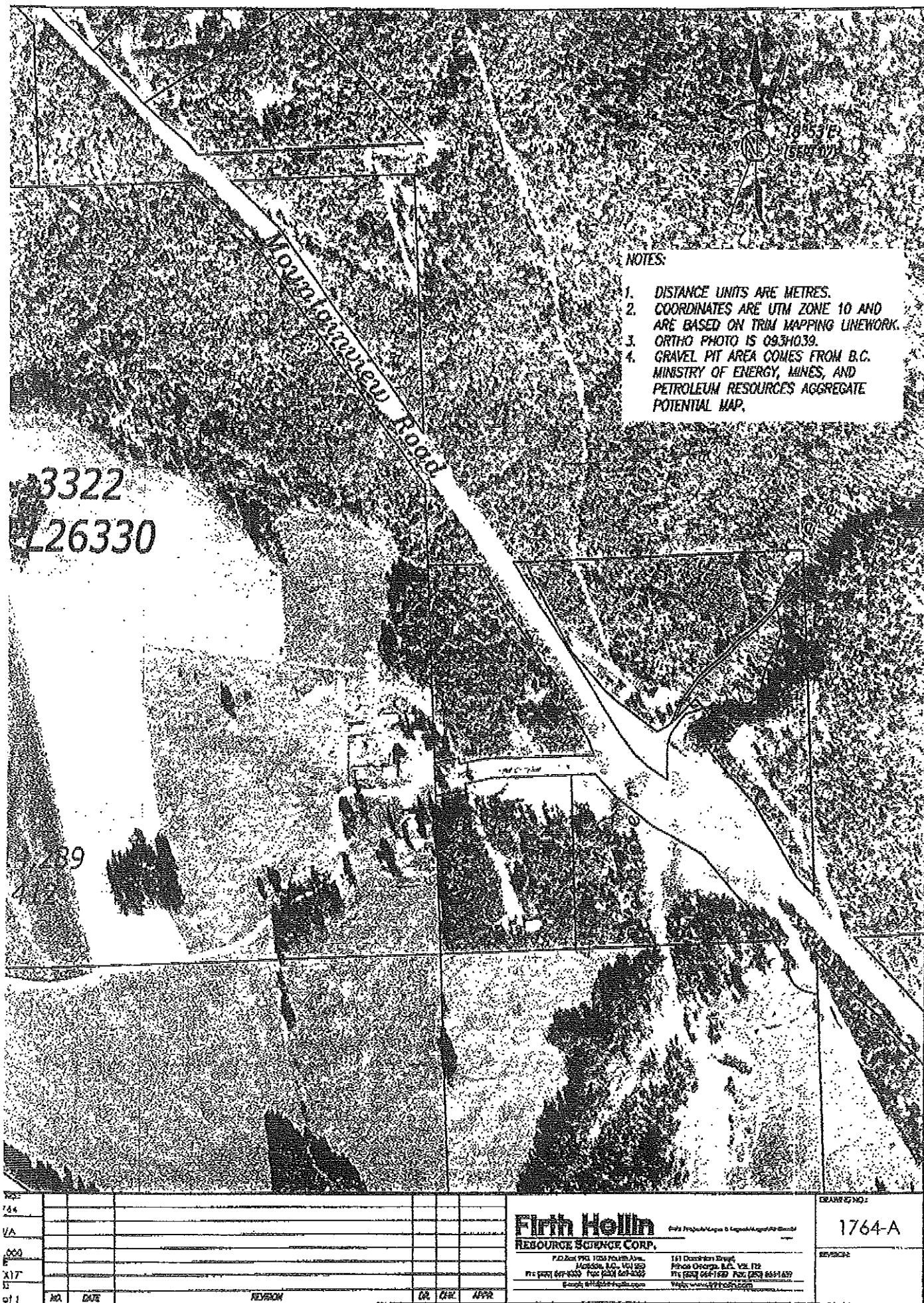
Estimated number of employees on site (includes contractors): _____

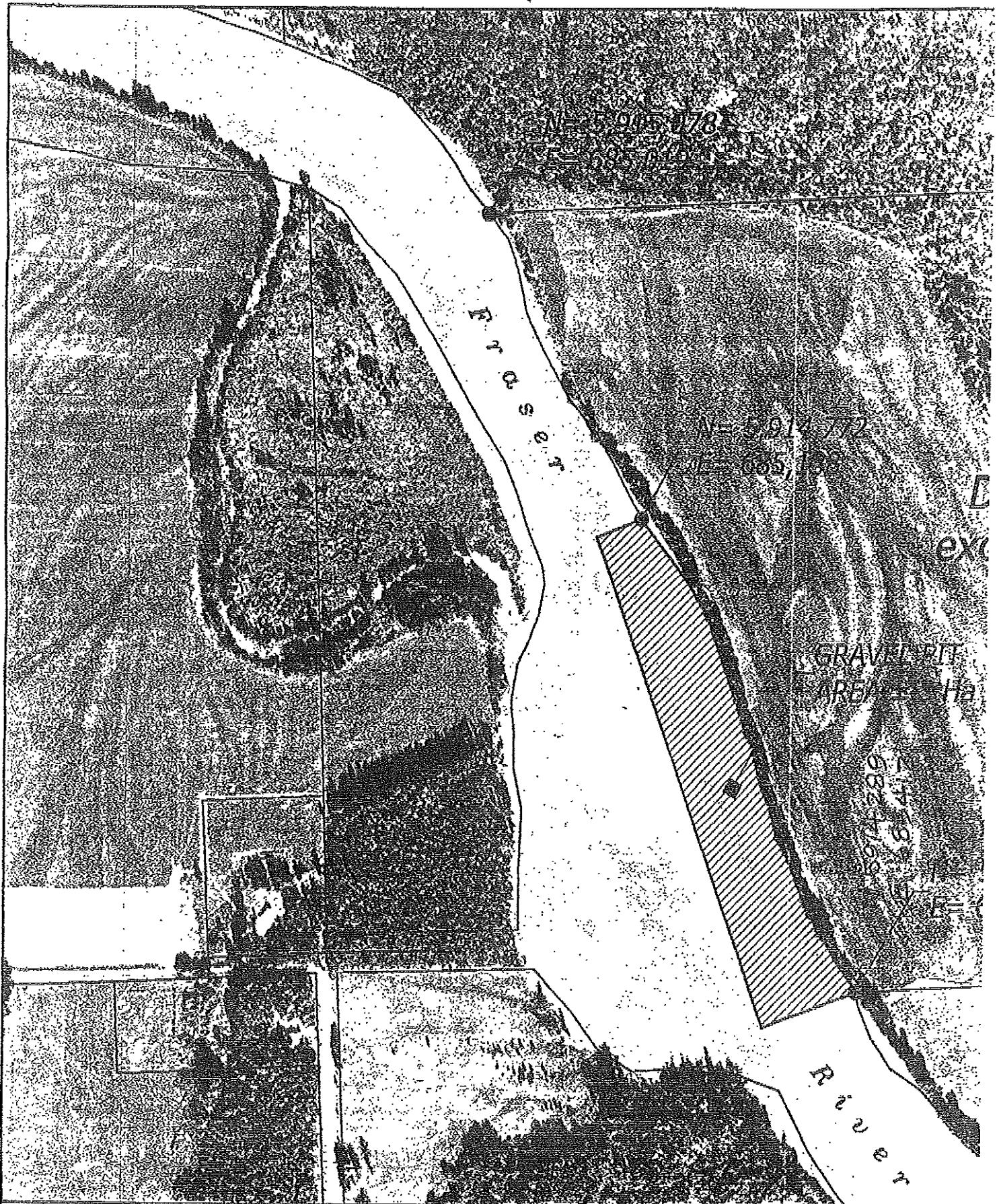
Describe First Aid Level and supplies: NONE, OTHER TRUCK SIMPLE KITS IN TRUCKS AND EXCAVATORI, Viktor Bugaychuk, hereby make application to undertake the mining activities described in this Notice, and in accordance with the Mines Act and the Health, Safety and Reclamation Code for Mines in British Columbia.Applicant Signature [Signature]Date May 6, 2008



PLAN 2
500' SECTION







CLIENT:

ROBSON VALLEY CONSTRUCTION LTD.
P.O. BOX 474
McBRIDE, B.C. V0J 2E0

DESIGNED BY
DRAWN BY
CHECKED BY
APPROVED BY
DATE
SEPT. 6, 2007

ROBSON VALLEY CONSTRUCTION
GRAVEL PIT LOCATION MAP

From: Nelless, Brady ENV:EX
Sent: Thursday, December 4, 2008 1:43 PM
To: Ludwig, Al EMPR:EX
Cc: 'Panko, Tim'; Brade, Bob V ENV:EX; Nelless, Brady ENV:EX; Prodeahl, Deborah L EMPR:EX
Subject: Robson Valley Construction - Gravel extraction from Fraser River
Allan Ludwig

Re: Sand and Gravel Quarry Operation Notice of Work and Reclamation Program
Proponent: Robson Valley Construction - Viktor Bugaychuk
Property: DL 3322, ROBS 2
Referrer File: 14675-20/1101727/ROBS

This is the Ministry of Environment, Environmental Stewardship's response to the above noted Habitat Referral.

The Fraser River contains a number valuable and sensitive fishes within the system and provides important habitat for these fishes (including spawning and rearing). Course Gravel within a river system is an important component in providing habitat for a number of different species. I am not sure if this referral was sent to Fisheries and Oceans Canada but would recommend sending them the referral for their input prior to development.

Some of the details missing that would be required to assess the risk for this referral include:

- 1) A detailed spill response plan
- 2) Does the machinery enter the water to access the gravel bar?
- 3) Is the hydraulic fluid in the machinery a biodegradable fluid?
- 4) A sediment control plan (to avoid sediments entering the Fraser River during extraction)
- 5) Is riparian vegetation removed/impacted along the Fraser River as part of the extraction activities (including the access of machinery)

Reclamation Activities:

- 1) As noted in the referral, post extraction - the site should be sloped as not to provide any fish traps (pools of water that fish may become stranded in as water levels rise and fall)
- 2) Access points - reclamation activities may be needed if work is required to access the river. It is unknown if this proposal is using an existing access point to the river.

Fisheries and Oceans Canada may have some requirements or recommendations for the protection of fish and fish habitat.

If you have more information I would be happy to review and provide comments. Feel free to contact me if you have any questions.

Note: Could you please send future referrals to Bill Arthur (Bill.Arthur@gov.bc.ca) our Habitat Referral Coordinator.

Sincerely,

Brady Nelless, RPBio
Ecosystem Biologist
Ministry of Environment, Prince George

Telephone: (250) 614-9920 Fax: (250) 565-6940