



Notice of Work

Joe Rich Quarry

Tracking Number: 100332743

Applicant Information

If approved, will the authorization be issued to an Individual or Company/Organization? Company/Organization

What is your relationship to the company/organization? Agent

APPLICANT COMPANY/ORGANIZATION CONTACT INFORMATION

Applicant is an Individual or an Organization to whom this authorization Permit / Tenure / Licence will be issued, if approved.

Name: Joe Rich Properties Ltd.

Doing Business As:

Phone: 250-546-8800

Fax: 250-546-6008

Email: trevor@westridgerock.com

BC Incorporation Number:

Extra Provincial Inc. No:

Society Number:

GST Registration Number:

Contact Name: Trevor Isaac

Mailing Address: 101 L & A Crossing Road
Vernon BC V1B 3S1

AGENT INFORMATION

Please enter the contact information of the Individual/Organization who is acting on behalf of the applicant.

Name: Richard Paul Adams

Phone: 250-319-3387

Daytime Phone:

Fax:

Email: flyfisher999@hotmail.com

Mailing Address: 48-1575 Springhill Drive
Kamloops BC V2E 2P9

Letter(s) Attached: Yes (JOE RICH QUARRY AUTHORIZATION OF AGENT.pdf)

TECHNICAL INFORMATION

APPLICATION INFORMATION

Type of Notice of Work: Quarry - Construction Aggregate

Is this a New Permit or an Amendment to an existing permit for this property? New Permit

MINE INFORMATION

Do you have an existing mine number? No

Name of the property: Joe Rich Quarry

Tenure Numbers:

Crown Grant / District Lot Numbers: Lot 1 Sections 10 11 14 and 15 Township 27 Osoyoos Division Yale District Plan 38841
Parcel ID: 008-801-266

Directions to site from nearest municipality: From Highway 97/Highway 33 junction, travel east on Highway 33 for 13.5 km, turn left onto Daves Road, go 30 m, and make an immediate right and follow the road for about 0.8 km to the mine site.

Geographic Coordinates of Mine: Latitude: 49.8590410 Longitude: -119.2665100
Maximum Annual Tonnage Extracted: 245000 tonnes

INFORMATION ABOUT PROPOSED ACTIVITIES

Activities to be undertaken: Access roads, trails, heli pads, air strips and boat ramps
Blasting
Camps, Bldgs, Staging Areas and/or Fuel / Lubricants Storage
Sand & Gravel / Quarry Operations
Settling Ponds
Water Supply

FIRST AID

Proposed First Aid equipment on site: Level 2 first aid kit, a stretcher and an epinephrine auto injector. Consistent and continuous communication capabilities.
Level of First Aid Certificate held by attendant: Occupational First Aid Level 1 with Transportation Endorsement

DESCRIPTION OF WORK PROGRAM

If you prefer to upload a document, please enter "see attached document" and attach the document in the "Document Upload" step later in the application under "Other".

Sufficient details of your work program to enable a good understanding of the types and scope of the activities that will be conducted:

Please see attached document: JOE RICH QUARRY 5 YEAR MINE PLAN.docx which was loaded into the application along with the maps.

TIME OF PROPOSED ACTIVITIES

Proposed start and end date: May 1, 2021 to Apr 30, 2026

Please remember that you need to give 10 days notice to the Inspector of Mines of your intention to start work, and 7 days notice of your intention to stop work.

ACCESS

Access presently gated: Yes

PRESENT STATE OF LAND

Please identify what the present state of the land is where you would like to undertake your activities. If some of the questions do not apply to you please enter n/a in the space provided.

Present condition of the land: Undeveloped land zoned Rural Acreage by the Regional District of Central Okanagan. Open forest and grassland with much of the property impacted by a recent forest fire.

Type of vegetation: The property is located within the Okanagan Very Dry Hot Interior Douglas Fir biogeoclimatic variant (IDFhxh1) and comprises of mature dry Douglas-fir/ponderosa pine forest, burnt forest and grassland. Extensive invasive species are present in the open grassland areas and these noxious weeds have degraded the grazing and wildlife habitat capability of the site.

Physiography: Cliff and bedrock outcrops are interspersed with grasslands, burned forest and a mature conifer forest. The site is mostly south aspect with thin soils and shallow bedrock. An environmental overview assessment of the site on October 6, 2020 identified the potential for snake and bat habitat in the rock bluffs and cliffs located in the northern third of the property. That area was removed from the planned mine footprint. While mapping shows a stream traversing the property, Associated Environmental has confirmed there area no watercourses or streams located on the property when they conducted their environmental overview assessment on October 6, 2020.

Current means of access: Access is from Highway 33 east of Kelowna, then Daves Road to the north property boundary, and then an existing gravel road onto the property.

Old equipment: None.
Recreational trails / use: None

ACCESS TO TENURE

Do you need to build a road, create stream crossings or other surface disturbance that will not be on your tenure? Yes
Required access authorizations in place: No

Please note that you may require a Special Use Permit, a Road Use Permit, a Road Use Agreement, etc..

Type and authorization number: Approximately 75m of the length of the mine haul road is located outside of the property boundary, and is located on the unconstructed Daves Road allowance already dedicated by MOTI for site access to this property. There is an existing gravel road located there that will need to be upgraded to an 8.4 m wide mine haul road plus berm. We expect this will be authorized by MOTI under their Industrial Access Permit authorization process and will not require a Licence of Occupation from MFLNRO Lands.

LAND OWNERSHIP

Application area in a community watershed: No
Proposed activities on private land: Yes

Please note that under Section 19 of the Mineral Tenure Act and Section 2.1 of the Mineral Tenure Act Regulation you must not begin any mining activities until 8 days after giving notice to every owner of the surface area on which the recorded holder intends to carry out that activity.

Please attach a copy of the letter of authorization signed by the landowner The document can be uploaded at the "Document Upload" step later in the application process.

Legal description of land: Lot 1 Sections 10 11 14 and 15 Township 27 Osoyoos Division Yale District Plan 38841 Parcel ID: 008-801-266
No authorization letter is required as the applicant is the landowner. An Agent authorization has been provided.

Proposed activities on Crown land: No

Activities in a park: No

CULTURAL HERITAGE RESOURCES

Cultural Heritage applies to a large spectrum of heritage resources that 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."

The Archaeology Branch of the Ministry of Forests, Land and Natural Resource Operations is responsible for the administration of the Heritage Conservation Act as it applies to archaeological sites. The Archaeology Branch has developed guidelines for companies engaged in natural resource extraction to aid in planning for and avoiding or managing impacts to protected archaeological sites.

Are you aware of any protected archaeological sites that may be affected by the proposed project? No

FIRST NATIONS ENGAGEMENT

In making decisions on authorizations, the government will be fulfilling its responsibility to consult, and where appropriate, accommodate First Nations. The government takes this responsibility seriously and encourages the applicant to engage First Nations early and often as part of any planned development.

Establishing good relations with First Nations who might be affected by a proposed development is a key part of any successful mining operation. The Ministry of Energy and Mines encourages applicants to engage and information share with First Nations that might be affected by a proposed development prior to submitting an application. The earlier in the life of a proposed activity that the avenues of communication are established the greater the likelihood that the relationships formed will be constructive and beneficial to all parties. A lack of information sharing and engagement by the applicant may result in extended timeframes for decision.

Applicants should keep a detailed record of information sharing and engagement with First Nations on their project in the event the government needs to review it. Information on First Nations information sharing and engagement should include the following: a list of First Nations contacted, whether the activity was modified based on feedback from First Nations, and whether the applicant has entered into any informal or formal agreements with First Nations in connection with the project.

The Consultative Areas Database Public Map Service is an online, interactive mapping tool that allows you to identify First Nations who have treaty rights or asserted or proven rights or title on the land base. More information can be found at <http://maps.gov.bc.ca/ess/sv/cadb/>.

Have you shared information and engaged with First Nations in the area of the proposed activity? Yes

Please tell us about your engagements in the field below or attach a your record of engagement by uploading it at the "Document Upload" step later in the application process. If you are attaching your record later, please enter in the text box "See record attached". Please ensure your record does not contain an individual's personal information such as contact information.

Describe your First Nations engagement activities:

The Joe Rich Quarry is located within the Westbank First Nation (WFN) Governance Area. The applicant (at that time Westridge Quarries Ltd.) initiated contact with WFN on 2020/10/13 prior to preparing or submitting their Mines Act permit application. WFN provided the applicant a copy of the WFN Crown Land Referrals Directive that same day. On 2020-10-21, the applicant made application to WFN providing information in accordance with their directive. WFN confirmed receipt of application on 2020-10-26 and advised the application would need to go to Chief and Council for review. On 2020-11-10, the applicant inquired whether WFN would require field archaeological work on the site, and WFN advised the application must first be reviewed at the 2020-11-30 Chief and Council meeting. On 2020-11-19, WFN provided the applicant an Archaeological Service Agreement and cost estimate for archaeological field work on the Joe Rich Quarry site. On 2020-11-20, the applicant provided the signed service agreement to WFN, and on 2020-11-23 WFN provided the counter-signed service agreement to the applicant. On 2020-11-25, WFN's archeologist traversed the 40 year mine footprint of the Joe Rich Quarry to conducted an Archaeology Preliminary Field Reconnaissance. The archaeologist communicated verbally to a representative of the applicant that there were no issues with the Joe Rich Quarry site. The applicant inquired with WFN on 2020-12-10 as to when they could expect the archaeologist's report. The applicant understands WFN was quite busy with late season field work just prior to winter snowfall setting in.

As a result of the engagement, are you aware of any cultural heritage resources in the area where the work is proposed? No

BLASTING

MAPS

Please mark the location(s) of the proposed magazine(s) on the map. Unless this is an area based application also mark the proposed locations of the blast site(s) on the map. The maps will be uploaded at the document upload step later in the application process.

ACTIVITIES WHERE BLASTING WILL TAKE PLACE

Please select the activities to which blasting is related: Sand & Gravel / Quarry Operations

ON SITE STORAGE OF EXPLOSIVES

Are you proposing to store explosives on site? No
Describe how you will get the explosives to the site: Explosives will be trucked to site by the blasting contractor on an as needed basis only, and not stored on site.

ADDITIONAL INFORMATION

Only a person with a valid certificate granted under Section 8.2.1 of the Code is permitted to conduct a blasting operation.

CAMPS, BUILDINGS, STAGING AREAS AND FUEL / LUBRICANTS STORAGE

This section covers the construction of new camps and/or buildings as well as the storage of fuel/lubricants on the exploration/mine site.

The construction and operation of industrial camps (where more than five people will be accommodated) are regulated under the Health Act and its supporting regulations. Permits may be required for different aspects of camp operation. Contact the nearest Regional Health Authority to determine which requirements will apply to your camp.

You must also contact the BC Safety Authority and WorkSafe BC. For more information regarding Industrial Camp Regulation please see <http://www2.gov.bc.ca/gov/content/health/keeping-bc-healthy-safe/industrial-camps>.

If water for camp operations is withdrawn from either a surface water or groundwater source, a licence or an approval may be required under the Water Sustainability Act. For further information please contact FrontCounter BC.

MAPS

If known, mark the locations of camps, buildings and fuel storage on the maps, show the distance of activity from known streams, wetlands or lakes on the map.

You will upload the maps at the document upload step later in the application process.

If locations are not determined you must provide a location map with your start up notification at least 10 days prior to start-up. Camps, buildings and fuel storage must comply with riparian setbacks as set out in Section 9 of the Code and the guidance provided in the Handbook for Mineral & Coal Exploration.

CAMPS

Click on the "Add Camp" button to add a camp. If you have multiple camps please give each camp a distinctive name like Camp 1 which you can reference on the maps you submit with your application.

BUILDINGS

Click on the "Add Building" button to add a building. If you have multiple building please give each building a distinctive and descriptive name like "Shop" or "Storage 1" which you can reference on the maps and drawings you submit with your application. Please note that all buildings must adhere to the following Codes, BC Building Code, BC Fire Code and CSA Standard M421-00 "Use of Electricity in Mines in conjunction with the Canadian Electrical Code. All plans must be submitted at least 60 days prior to the proposed start of construction to the Inspector. The Inspector will advise if additional documents are required.

Name	Disturbed Area (ha)	Merchantable timber volume (m ³)
Mobile scale shack and weigh scale	0.00	0.00
Purpose of the building:	Weigh outgoing trucks carrying product to ensure highway load limits are not exceeded.	
Structure and dimensions:	"Atco" type trailer and weigh scale with a temporary combined footprint in any location of approximately 10m x 20 m. Scale shack and weigh scale location may change as mine footprint expands. Scale shack and weigh scale disturbance area is include within the footprint of the mining area.	
Total:	0.00	0.00

STAGING AREA

Click on the "Add Staging Area" button to add a staging area. If you have multiple staging areas please give each staging area a distinctive and descriptive name like "Area 1" or "Area 2" which you can reference on the maps and drawings you submit with your application.

FUEL / LUBRICANT STORAGE

If you are planning to handle, transport or store fuel and/or lubricants you must adhere to B.C. Environmental standards as detailed in "Summary of Environmental Standards and Guidelines for Fuel Handling, Transportation and Storage".

Do you propose to store fuel / lubricants on site? No

RECLAMATION PROGRAM

Describe the proposed reclamation and timing for this specific activity:

No fuel will be stored onsite. Overnight fueling services will be used. Fueling will occur at the processing site. A spill kit will be maintained onsite. The mobile shack and weigh scale will be located within the footprint of the excavated mine area, and do not represent an additional disturbance area.

Estimated cost of reclamation activities described above:

\$0.00

ACCESS ROADS, TRAILS, HELI PADS, AIR STRIPS AND BOAT RAMPS

MAPS

Mark the locations of the proposed access roads and trails on the map. The maps will be uploaded at the document upload step later in the application.

ACTIVITIES

Click on the "Add Activity" button to add one or more activities. Select your activity out of the list and enter the length in km, the total disturbed area and total merchantable timber volume.

Activity	Length (km)	Disturbed Area (ha)	Merchantable timber volume (m³)
Existing Access Modification	0.78	0.78	0.00
Temporary Road - New	0.33	0.01	0.00
Total:	1.11	0.79	0.00

BRIDGES, CULVERTS AND CROSSINGS

Are you proposing any bridges, culverts and/or other river / stream crossings? No

RECLAMATION PROGRAM

Describe the proposed reclamation and timing for this specific activity:

Access involves a 10m wide (8.4m wide travel surface + 1.6m wide berm) mine haul road and split road, and a 6m wide upper north access road for pickup and rock drill access. The mine haul road is 554m long, with 75m located on the unconstructed Daves Road Allowance already dedicated by MOTI for site access to this property northwest of the property - on an existing gravel road which will require upgrading. The other 479m of mine haul road is located on the property. The split road is 221m long and the road is located completely on the property. The 40 year mine plan will later encompass all of the mine haul road and split road, other than the 75 m of mine haul road located off of the property. A portion of the split road is located on the benches that will not be reclaimed. The remainder of the split road is located on the 805m bench area of the 40 year mine plan which will be reclaimed. The mine haul

road will not be reclaimed as it will serve to access the residential properties once mining is completed. The 6m wide upper north access road is located on benches which will not be reclaimed.

Estimated cost of reclamation activities described above:

\$0.00

ADDITIONAL INFORMATION

Please note that you may require a Special Use Permit under the Forest Practices Code of British Columbia Act or a Land Act tenure or other authorization under the legislation to use roads to access your tenure.

For further information please contact FrontCounter BC.

SAND & GRAVEL / QUARRY OPERATIONS

MAPS

All plans and sections must indicate the scale and orientation of the drawing and must include:

1) Plan View of Proposed Development illustrating:

- Property boundaries and set back of excavation from property boundary
- Watercourses and drainage (wet, dry or intermittent) on the property and within 150 metres of its boundaries
- All previous surface workings, the final boundaries of proposed excavation, and boundaries of excavation at the end of development described in the Notice of Work
- Access roads, including development roads within the pit and access to the public roads
- All proposed and existing stockpiles (topsoil, overburden, product etc.)
- All settling ponds (for both surface run off and process water) and source of process water
- Buildings and other facilities (fuel/lubricant storage, sanitary facilities, weigh scale, etc.)
- Sediment control structures and the location of any point discharges from the property
- Fencing, berms and/or vegetative buffers.

2) Cross and longitudinal sections of Proposed Development illustrating:

- The original land surface and, if applicable, the groundwater table elevation
- Typical configuration during mining, indicating angle of slope and, where applicable, bench locations
- Proposed configuration on completion of reclamation

3) A copy of the land title/crown land tenure map must be provided.

SOIL CONSERVATION

Average depth of overburden:	0.20 m
Average depth of topsoil:	0.10 m
Measures to stabilize soil overburden stockpiles and control noxious weeds:	Create linear berms of overburden and topsoil with slopes at angle of repose and seeded with an appropriate range seed mixture to minimize erosion and prevent establishment of noxious weeds.

LAND USE

Is the site within the Agricultural Land Reserve?	No
Does the local government have a Soil Removal Bylaw?	No
Official Community Plan for the site:	Joe Rich Rural Land Use Bylaw
Current land use zoning for the site:	Rural Acreage
Proposed end land use is:	Rural Acreage with Residential Dwellings as allowed under current zoning.
Estimate total minable reserves over the life of the mine:	11,432,816 tonnes
Estimate annual extraction from site:	245,000

Application must be made to the Environmental Assessment Office if estimated extraction for sand/gravel production is 500,000 tonnes/year or 1,000,000 tonnes over 4 years; or if estimated extraction is 250,000 tonnes/year for quarried product.

ACTIVITIES

Click on the "Add Activity" button to add one or more activities. Select your activity out of the list and enter the tonnes, the total disturbed area and the total merchantable timber volume.

Please note that you must notify the Inspector at least two weeks before if you are planning to bring a crusher on site.

Activity	Total Disturbed Area (ha)	Merchantable timber volume (m³)
Crushing	0.00	0.00
Excavation of Pit Run	3.39	0.00
Mechanical Screening	0.00	0.00
Total:	3.39	0.00

Is the work year round or only seasonal?

Year round

Brief description of operation, including proposed work schedule:

Excavation, loading and hauling will take place year round. Drilling, blasting, crushing and screening will occur year round but intermittently, not continuously. Proposed restrictions on hours of operations include:

1. intermittent drilling, blasting, crushing and screening operations throughout the year, and limited to 7 am to 6 pm Monday to Friday;
2. loading and hauling operations as above, but also on Saturdays to serve local demand and critical projects such as flood protection; and
3. no operations on Sundays and statutory holidays other than equipment repairs and maintenance.

RECLAMATION PROGRAM

Describe the proposed reclamation and timing for this specific activity:

5 year mine plan development is commencing in the lower, south center of the property to maximize distance from neighbors initially, and to mitigate noise, aesthetic, and other impacts. Due to this initial mine design, and progression of mine development from the 5 year mine plan to the 40 year mine plan, the 40 year mine plan disturbance will incorporate all of the 5 year mine plan disturbance area. Pit walls and benches will continue to push back and the pit floor will be lowered from the 825m bench to the ultimate 805m bench. Therefore, there is no immediate opportunity to reclaim the 5 year mine plan as the area will continue to be disturbed and expanded.

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

No backfilling of pits or pit slopes will be required. It is not practicable to reclaim the pit walls and benches. As the pit walls and benches weather and some rockfall starts to occur from the pit walls onto benches, that area should start to resemble the natural rock bluffs on the landscape above. As fines start to accumulate in cracks and crevices from weathering action, natural species are expected to seed in, and the area will provide some habitat values for the species that frequent the natural rock bluffs above. Overburden and topsoil will be spread over the 40 year mine plan pit floor to reclaim it to Rural Acreage for forage or agriculture, and residential dwellings as allowed under the land use zoning. The 5 year mine plan pit floor will not be reclaimed as it will continue to be further disturbed as mining progresses.

Estimated cost of reclamation activities described above:

\$0.00

Will progressive reclamation be carried out?

No

GROUNDWATER PROTECTION

Average depth to the high groundwater table at the proposed excavation:

27.0 m

Elevation of the groundwater table was determined from:

Existing area wells

- Test pits
- Test wells drilled for this purpose
- Other: ARD test holes were drilled down 25m from ground elevation 823m and 863m. Both holes were dry and intercepted no groundwater, indicating the groundwater table is lower than 798m.

Measures proposed to protect groundwater from potential impacts of the proposed mining activity:

Existing groundwater well data was unreliable (no ground elevations recorded, some with no static water levels, and inaccurate or approximated lats/longs). Therefore, ARD test hole results from the property were used to indicate 5 year mine plan operations should be well buffered from the groundwater table. 25m deep holes drilled from the 863m and 823m elevation both came up dry with no intersection of groundwater and indicate the groundwater table is lower than 798m elevation - below both the 5 year mine plan 825m elevation quarry floor and the 40 year mine plan 805m elevation quarry floor. This should leave at least a 27m bedrock buffer above groundwater for the 5 year mine plan quarry floor. Additional measures to protect groundwater include: no fuel storage on site; spill kits maintained for fueling operations; and no explosives stored on site.

IMPACT MINIMIZATION

Shortest distance between proposed excavation to nearest residence: 260 m

Shortest distance between proposed excavation to nearest residential water source: 300 m

Measures proposed to prevent inadvertent access of unauthorized persons to the mine site:

The 5 year mine plan footprint is located well within the property boundary and at least 70m from the closest neighboring property. Neighbors will be made aware of the proposed quarry operation through the application advertising requirements and any subsequent blasting notification procedures. However, fencing and warning signs if fencing is considered necessary by an Inspector under 6.24.1 of the Code.

Measures proposed to minimize noise impacts of the operation:

Vegetation, overburden and topsoil will only be stripped from the property to the extent necessary to accommodate the 5 year mine plan. Remaining vegetation will help suppress noise from the operation. The 5 year mine plan is commencing in the lower, southern, center of the property, serving to maximize distance from neighbors to the west, north and east of the property, and therefore diminish noise. As mining progresses into the hillside and the pit deepens, the pit walls will serve to deflect and diminish noise from crushing, screening, drilling and blasting operations. A seeded, 100m long noise reduction berm is planned to mitigate noise impacts on neighbors located to the north of the property at the west end. Seeded topsoil and overburden berms are planned for portions of the property along Highway 33. Neighbors within 300m of the radius of the property will be notified a minimum of 24 hours prior to any proposed blast.

Proposed restrictions on hours of operations include:

1. intermittent drilling, blasting, crushing and screening operations throughout the year, and limited to 7 am to 6 pm Monday to Friday;
2. loading and hauling operations as in 1. above, but also on Saturdays to serve local demand and critical projects such as flood protection; and
3. no operations on Sundays and statutory holidays other than equipment repairs and maintenance.

Measures proposed to minimize the dust impacts of the operation:

Vegetation, overburden and topsoil will be stripped from the property only to the extent necessary to accommodate the 5 year mine plan. Leaving remaining areas vegetated will help suppress dust from the operation. Dust suppressants to be applied to roads. Water sprays to be used on dust generating points of the crushing and screening plants. Haul

Measures proposed to minimize visual impacts of the operation:

trucks to tarp their loads before leaving the property. Vegetation, overburden and topsoil will only be stripped from the property to the extent necessary to accommodate the 5 year mine plan. Remaining vegetation will form an aesthetic screen. A seeded, 100m long berm will serve as an aesthetic screen for neighbors located to the north of the property at the west end. Seeded topsoil and overburden berms are planned for portions of the property along Highway 33. As mining progresses back into the hillside, the operation's visibility to neighbors will be further reduced.

WATER SUPPLY

MAPS

Mark the locations of all proposed water intakes, settling ponds and/or sediment control structures on the appropriate maps.

SOURCE OF WATER

Click on the "Add Source" button to add one or more water sources.

Source	Activity	Water Use	Estimated Rate (m ³ /s)
Groundwater well	Mining - Aggregate	Dust suppression on roads, crusher, and screening plant. Washroom facilities.	0.10

Pump size in water (inches): 4
Location of water intake: TBD. Need to make application.
 Please clearly mark the locations of all water intakes on the maps uploaded in Step 6 - Document Upload.

Total: **0.10**

SETTLING PONDS

The Inspector may require a seismic design for ponds above grade.

Describe the waste water treatment facility (settling pond design, recycling, distance from creek, etc.): These ponds are identified as a contingency plan in the event that this dry site does generate enough surface run off to require settling ponds to intercept any turbid water. Ponds will be excavated with a dyke on the downhill side and lined with a semi-permeable material.

ACTIVITIES

Click on the "Add Activity" button to add one or more proposed settling pond.

Pond ID	Width (m)	Length (m)	Depth (m)	Total disturbed area (ha)	Total merchantable timber volume (m ³)
East	90	30	2	0.27	0
Water Source:	surface run off - contingency only				
Construction Method:	Excavated and dyked				
West	30	80	2	0.24	0
Water Source:	surface runoff- contingency only				
Construction Method:	excavated and dyked				

Disposal of fines from clean out (i.e. use as a subsoil material): Cleaned out fines will be added to the overburden stockpile to be later used in reclamation. Water from the ponds will be recycled and used in dust suppression on site and/or exfiltrate to ground.

Water from ponds will be: **Recycled:** Yes

Exfiltrated to Ground: Yes
 Discharged to Environment: No

RECLAMATION PROGRAM

Describe the proposed reclamation and timing for this specific activity:

Pull back the dyke materials into the pond and fill the remainder with previously excavated materials. Recontour to the original slope and seed with an appropriate mix for erosion protection and weed control.

Estimated cost of reclamation activities described above:

\$5,000.00

TIMBER CUTTING

Total merchantable timber volume: 0.00 m3

No Timber

You have indicated that there is no merchantable timber that will be cut. Therefore a Free Use Permit or a Licence to Cut is not required. If this is not accurate, please correct your entries.

EQUIPMENT

Click on the "Add Equipment" button to add one type of equipment at a time. All equipment must comply with the requirements of the Health, Safety and Reclamation Code.

Quantity	Type	Size / Capacity
1	Bulldozer/Crawler Tractors	Cat D9
2	Crusher	Jaw crusher 36-48 inch, cone crusher 8-10 inch
1	Drill	2-5 inch holes
1	Excavator	29 tonne
1	Loader	Cat 988 5 cu m bucket
1	Other: Screening plant	2m x 7m, 250 tph
1	Truck	35 tonne

SUMMARY OF RECLAMATION

Based on the information you have provided on the previous screens the Summary of Reclamation is:

Activity	Total Affected area (ha)	Estimated cost of reclamation (\$)
Access roads, trails, etc.	0.79	0.00
Sand & Gravel / Quarry	3.39	0.00
Settling Ponds	0.51	5,000.00
Subtotal:	4.69	5,000.00
Unreclaimed disturbance from previous year:	0.00	
Disturbance planned for reclamation this year:	0.00	
Total:	4.69	5,000.00

OTHER CONTACTS

Please enter the contacts that are applicable to your application.

Contact Info	Type of Contact
Name: Trevor Isaac	Mine manager
Phone: 250-550-7482	
Daytime Phone: 250-546-8800	
Fax:	
Email: trevor@westridgerock.com	
Mailing Address: 101 L&A Cross Road Vernon BC V1B 3S1	

Contact Info**Type of Contact**

Name: Joe Rich Properties Ltd.
Doing Business As:
Phone: 250-546-8800
Fax:
Email:
BC Inc. Number:
Extra Provincial Number:
Society Number:
GST Registration Number:
Contact Name: Trevor Isaac
Mailing Address: 101 L&A Cross Road
Vernon BC V1B 3S1

Permittee

Name: Joe Rich Properties Ltd.
Doing Business As:
Phone: 250-546-8800
Fax:
Email:
BC Inc. Number:
Extra Provincial Number:
Society Number:
GST Registration Number:
Contact Name: Trevor Isaac
Mailing Address: 101 L&A Cross Road
Vernon BC V1B 3S1

Tenure Holder

Name: Westridge Quarries Ltd.
Doing Business As:
Phone: 250-546-8800
Fax:
Email: trevor@westridgerock.com
BC Inc. Number:
Extra Provincial Number:
Society Number:
GST Registration Number:
Contact Name: Trevor Isaac
Mailing Address: 101 L&A Cross Road
Vernon BC V1B 3S1

Site operator

LOCATION INFORMATION**LAND DETAILS**

Do you have the legal description of the land or the civic address then click on 'Add Land Information'.

Description

Private Land

Parcel ID: 008-801-266

Legal Description: Lot 1 Sections 10 11 14 and 15 Township 27 Osoyoos Division Yale District Plan 38841

DRAWINGS

All applications must include the appropriate maps and applications received without maps will be returned. All maps must be in colour, computer generated, with a scale, north arrow and a detailed legend.

For Mineral, Coal and Placer applications you must provide a minimum of 3 maps:

- A Location Map which must show the location of the property in relation to the nearest community with the access route from the community to the work site clearly marked;
- A Tenure Map which must show the boundaries of the tenure(s) and tenure numbers, at a scale of 1:20,000 or less;
- A Map of Proposed Work which must show topography, water courses, existing access, existing disturbance, contour lines, known cultural heritage resources and/or protected heritage property, at a scale of 1:10,000 or 1:5,000. For site specific applications the location of all proposed exploration activities must be shown; for area-based applications the work area must be shown as a polygon, with the location of all proposed exploration activities for year 1 shown, and shape files provided of the area.

For Sand & Gravel/Quarry applications you must provide a Plan View, Cross and Longitudinal Sections and a Land Title/Crown Land Tenure Map. Details of these requirements are listed in the Sand & Gravel/Quarry Operations Activity sheet.

I have one or more files (PDF, JPG, PNG etc.) with my maps

MAP FILES

Do you have a PDF or image file of a drawn map? You can upload it here.

Description	Filename
40 Year Mine Plan	JOE RICH QUARRY 40 YEAR MIN...
5 Year Mine Plan	JOE RICH QUARRY 5 YEAR MINE...
5 Year Mine Plan Text Description	JOE RICH QUARRY 5 YEAR MINE...
Adjacent GW Wells and Buildings	JOE RICH QUARRY ADJACENT BU...
Cross Section Plan View	JOE RICH QUARRY CROSS SECTI...
Cross Sections	JOE RICH QUARRY CROSS SECTI...
Location Map	JOE RICH QUARRY LOCATION-MA...

ATTACHED DOCUMENTS

Document Type	Description	Filename
Archaeological Chance Find Procedure	Arch Chance Find Procedure	JOE RICH QUARRY ACFP.docx
Blasting Procedure	Blasting Procedures	T & A ROCKWORKS BLASTING PR...
Mine Emergency Response Plan	Mine Emergency Response Plan	JOE RICH QUARRY MERP.docx
Other	ARD ML Assessment	JOE RICH QUARRY ARD-ML TEST...
Other	Env Overview Assessment	JOE RICH QUARRY ENVIRO OVER...
Other	Non Technical Addendum Placeholder	Non Technical Addendum.docx

PRIVACY DECLARATION

PRIVACY NOTE FOR THE COLLECTION, USE AND DISCLOSURE OF PERSONAL INFORMATION

Personal information is collected by FrontCounter BC under the legal authority of section 26 (c) and 27 (1)(a)(i) of the Freedom of Information and Protection of Privacy Act (the Act).

The collection, use, and disclosure of personal information is subject to the provisions of the Act. The personal information collected by FrontCounter BC will be used to process your inquiry or application(s). It may also be shared when strictly necessary with partner agencies that are also subject to the provisions of the Act. The personal information supplied in the application package may be used for referrals or notifications as required. Personal information may be used by FrontCounter BC for survey purposes.

For more information regarding the collection, use, and/or disclosure of your personal information by FrontCounter BC, please contact FrontCounter BC at 1-877-855-3222 or at:

FrontCounter BC Program Director
FrontCounter BC, Provincial Operation
441 Columbia Street
Kamloops, BC V2C 2T3

Check here to indicate that you have read and agree to the privacy declaration stated above.

REFERRAL INFORMATION

Some applications may also be passed on to other agencies, ministries or other affected parties for referral or consultation purposes. A referral or notification is necessary when the approval of your application might affect someone else's rights or resources or those of the citizens of BC. An example of someone who could receive your application for referral purposes is a habitat officer who looks after the fish and wildlife in the area of your application. This does not apply to all applications and is done only when required.

Please enter contact information below for the person who would best answer questions about your application that may arise from anyone who received a referral or notification.

Company / Organization:	Joe Rich Properties Ltd.
Contact Name:	Trevor Isaac
Contact Address:	101 L & A Crossing Road Vernon BC V1B 3S1
Contact Phone:	250-546-8800
Contact Email:	trevor@westridgerock.com

I hereby consent to the disclosure of the information contained in this application to other agencies, government ministries or other affected parties for referral or First Nation consultation purposes.

IMPORTANT NOTICES

- Once you click 'Next' the application will be locked down and you will NOT be able to edit it any more.

DECLARATION

By submitting this application form, I, declare that the information contained on this form is complete and accurate.

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
Mines Notice of Work Application Fee	\$50,000.00		\$50,000.00	\$0.00

OFFICE

Office to submit application to: Kamloops

PROJECT INFORMATION

Is this application for an activity or project which Yes

requires more than one natural resource authorization from the Province of BC?

What is the name of your project? Joe Rich Quarry

Please provide any of the following: reference number(s), project number(s), tracking number(s), or other descriptive information which would allow us to group these applications together: AT# 100332743

APPLICANT SIGNATURE	
Applicant Signature	Date

OFFICE USE ONLY		
Office Kamloops	File Number	Project Number
	Disposition ID	Client Number