

Department of Agriculture and Natural Resources  
Minerals and Mining Program  
523 East Capitol Avenue  
Pierre, South Dakota 57501-3182  
605 773-4201; Fax: 605 773-5286

RECEIVED  
AUG 19 2022  
MINERALS & MINING PROGRAM

REQUEST FOR DETERMINATION OF SPECIAL,  
EXCEPTIONAL, CRITICAL, OR UNIQUE LANDS  
AND NOTICE OF INTENT TO OPERATE

Pursuant to SDCL 45-6B and ARSD 74:29:10

Operator's name: Joseph Nonnast

Mailing address: 21573 Cloverleaf PL  
Nemo SD 57759

Telephone: 605-206-0283

Local address:

Telephone:

Legal description: LOT 10 CLOVERLEAF ESTATES  
CLOVERLEAF ESTATES S/D LOT 10 PLAT 2001-04912  
Parcel ID 26595-00000-100-00  
County: Lawrence

SW 1/4 SECTION 29 T4N R4E

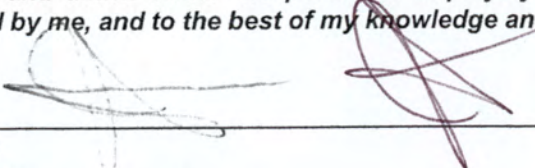
Name and address of surface owner: Joseph Nonnast  
21573 Cloverleaf PL  
Nemo SD 57759

Name and address of mineral owner: Clayton Johnson Roubidoux Land & Timber  
C/O The Real Estate Center  
111 Charles St  
Deadwood SD 57732

Name and address of surface owners within 500 feet of the proposed mining operation:

Rich Fox	Ed Vigna	Jeffrey M Hall	Jacob Nold
21572 Cloverleaf PL	21589 Cloverleaf PL	38846 124th ST	23811 Marshall
Nemo SD 57759	Nemo SD 57759	Aberdeen SD 57401	Hill City SD 57745

I declare and affirm under the penalties of perjury that this claim (petition, application, information) has been examined by me, and to the best of my knowledge and belief, is in all things true and correct.

  
Signature  
Title: OPERATOR

Date: 12-23-21

**FOR DEPARTMENT USE ONLY**

The land described in this Request for Determination of Special, Exceptional, Critical, or Unique Lands and Notice of Intent to Operate ( ) is ( ) is not eligible for inclusion on the list of special, exceptional, critical, or unique lands.

\_\_\_\_\_  
**Secretary, Department of Agriculture and Natural Resources** Date \_\_\_\_\_

Operator Appeal Date \_\_\_\_\_

Intervenor Contest Date \_\_\_\_\_

The land described in this Request for Determination of Special, Exceptional, Critical, or Unique Lands and Notice of Intent to Operate ( ) is ( ) is not eligible for inclusion on the list of special, exceptional, critical, or unique lands.

\_\_\_\_\_  
**Chairman, SD Board of Minerals and Environment** Date \_\_\_\_\_

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GENERAL DESCRIPTION OF THE TYPE OF MINING OPERATION PROPOSED AND  
HOW IT WOULD BE CONDUCTED.

The small scale mining operation will process ore by gravitational equipment. The area proposed for testing and gold recovery was used for gold mining from 1878 to 1937 by the Uncle Sam and Cloverleaf Mines. The area disturbed would be less than 2 acres over the mine life, and the life of the project would be dependent on the results of testing using using small scale mining.

The method of mining would be skimming the sand tailings and running them through gravitational recovery equipment. If topsoil is present under the sand tailings it will be stockpiled and used for reclamation. Any areas affected will be releveled and seeded . The areas affected will be positively improved as this area is tailings and does not support vegetation.

Access to the proposed active area is on the same private property on a permanent easement that runs through the property. Equipment used on the access would be skid steer, personal vehicle and potentially excavator.

Operations will run in the months of April through October but will not be day to day . Operation will only be running as time permits.

SDCL 45-6B-33.1(1) and (2)

### ECOLOGICAL IMPACT

The land is not so ecologically fragile that, once adversely affected, it could not return to its formal ecological role in the reasonably foreseeable future. The land does not have such a strong influence on the total ecosystem of which it is a part that even temporary effects felt by it could precipitate a system wide-wide ecological reaction of unpredictable scope or dimension.

The area proposed for mining has been negatively affected by past mining operations and could be very positively affected by reclamation. The area is mostly sand and rocks, some grass is present and a few scattered pine and spruce could be left unaffected. Elk Creek does run through part of the property and does not run through or near the proposed affected site. Minimal water produced from the operation will not be allowed to reach Elk Creek. A small containment pond can be used to collect and settle sand and silt. Very little erosion occurs on the proposed site as it is mostly bottom land and is largely unaffected by rain events.

Wildlife may or may not be affected by the activity as they cross near the area but do not reside on the area due to lack of vegetation and cover . Grass and other vegetation could be vastly improved by reclamations. Wildlife common to the area are deer,

turkeys, coyote and ground rodents. No rare or endangered species are known to reside on the property. Wildlife concerns could be corrected and addressed.

Soil types vary widely from sand tailings, topsoil, alluvial gravel and bedrock.

#### SCENIC:

Minimal scenic value will be lost as the area is sand tailings and poor vegetation. Area is visible from Nemo Rd and will be greatly improved by reclamation.

#### TOPOGRAPHICAL:

Mining area is approximately 5300 feet elevation, and consists of bottom land covered by mine tailings.

#### GEOLOGIC:

Proposed site consists of mine tailings made up of various slate, quartz and iron formations. Alluvial gravel is made of rhyolite, quartz and clay.

#### ETHNOLOGIC:

There are no known cultural concerns

#### SCIENTIFIC:

Soil, vegetation and wildlife do not indicate any unique concerns to the area. No endangered, threatened rare plants or wildlife have been observed on the proposed site.

#### CULTURAL:

There are no known cultural concerns.

#### RECREATIONAL:

Site is on private property and limited to personal use,

MS 107 NEW HAMPSHIRE NO. 2

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NEMO RD

CLOVERLEAF PL

TRAILS END LN

LOT 4

TRACT B

LOT 10  
COURTNEY T  
CREAN

TRAILS AREA

MINING AREA

TOPSOIL  
STACKPILE

LOT 8

LOT 9A

