

PMB 2020
Department of Environment and Natural Resources
Minerals and Mining Program
523 E Capitol Ave
Pierre, SD 57501-3182
Telephone: (605) 773-4201 Fax: (605) 773-5286

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APR 06 2015
MINERALS & MINING PROGRAM

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

Name of Operator Kenneth L & Nancy Denke

Office Address 21150 Creighton Road
Creighton, SD 57790-6411

Telephone (605) 457-2266

Local Address 21150 Creighton Road
Creighton, SD 57790-6411

Telephone (605) 457-2266

Legal Description

See attached (Property known as Queen Bee)

County Pennington

Name and Address of Surface Owner

Kenneth L & Nancy Denke
21150 Creighton Road
Creighton, SD 57790-6411

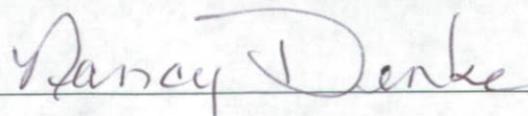
Name and Address of Mineral Owner

Kenneth L & Nancy Denke
21150 Creighton Road
Creighton, SD 57790-6411

Name and Address of Surface Owners Within 500 Feet of the Proposed Mining Operation

<u>USFS approx 200 feet away from the Summer Cloud Lode - US Forest Service Mystic Ranger District 8221 South Highway 16 Rapid City, SD 57702</u>	<u>Kenneth L & Nancy Denke 21150 Creighton Road Creighton, SD 57790-6411</u>
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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 Owner Date 3/10/2015

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 Environment 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 _____

The Queen Bee mine is 100% privately owned by Ken and Nancy Denke. It was originally discovered in 1879. It contains land that was previously mined from approx 1879 - 1934 and has never been reclaimed, leaving old tailing piles and exposed rock not having much more than 10% vegetation. The proposed area does not appear to be ecologically fragile. All trees, plants and wildlife are adapted to withstand the fluctuation of climate conditions of the Black Hills. Reclamation will be done on a continuous basis. Once an area has been cleaned up and old tailing piles have been processed, we propose to backfill with top soil and seeded to return to its natural habitat. There is no expected influence on the ecosystem.

1.) About 70% of the proposed area was left unreclaimed and or caved in old overburden. It is believed to have been last mined in 1963.

This Queen Bee Mine has a rock outcrop above the old entrance that needs work. It has old weathered bedrock that is fractured and crumbling, making the entrance unsafe.

We propose using jack hammers and a dozer to remove enough of the caprock to expose solid rock. Will move this overburden and crush any containing mineralized ore. In time we plan to erect a building over the open-cut.

Using a small skid loader to take any mineralized ore to a nearby support building to process.

In this building will be the crusher, a trommel with conveyers and a shaker table to remove any valuable minerals. The building will keep down dust, noise and all other environmental nuisances to a minimum. This will also be far away from the stream on the property.

Water from the shaker table will be recirculated over and over. When water becomes too dirty, it will run into a holding tank to be filtered and cleaned. No chemicals shall be used or were used in previous mining days to our knowledge. Said water will eventually come from an on site well.

2.) Once area is cleaned up and old tailing piles have been processed, we will backfill with top soil. We piled and seeded in my beginning and backfill matching the original grade of this ridge. Once grade is restored we will plant new trees and reseed with vegetation per recommendations.

All garbage will be kept in receptacles to be hauled off as needed, keeping the eco-system clean to maintain little or no impact in any negative manner.

We will start some reclamation early on as we finish a spot making it a better environment than it is currently.

The small stream on the property will not be dumped in. We will actually clean it of current debris to improve its quality for wildlife. It has no fish or life currently, other than a few bugs.

In short most of the ore mineral will come from underground in the pre-existing hard rock mine. Our goal is too gain a modest income while doing all we can to reclaim much of this acreage to its original beauty.

Geologic:

The Queen Bee, which includes seven patented claims of approximately 64 acres, is 6 1/2 miles north and a little west of Hill City, SD. It lies within a mineralized belt that can be traced north and slightly west from Hill City. The discussion of the geology and sampling of the property is based upon an examination by A. I. Johnson in 1934. The shaft was unwatered for this examination. The geologic make up is similar to that in the rest of the Black Hills.

Figure 22 is a geologic sketch showing the principal development on the Queen Bee; the numbers refer to samples. In early days ore was taken from two open-cuts. A shaft was sunk to 40 feet below the floor of the larger open-cut. A 65 foot tunnel, part of which is under the open-cut, connects the top of the shaft with the surface. Ten feet below the tunnel level a drift was driven 75 feet west.

The country rock is predominantly black slate interbedded with grayish slates and quartzitic schists. The large open-cut appears to be on the apex of a fold. (See fig; 22 on attached map) Local folding and some brecciation have permitted mineralized at the surface; underground development is too far north to disclose the fold. Two sulfide veins, cach 3 feet wide, are disclosed on the lower level. We need to clean up and restore the surface.

Most of our ore will come from underground in the original open-cut. The two locations described are almost completely unseen from the forest service border.

The primary location has an existing underground mine and some open cut tunnels contained in approximately a 150 square foot area located on the south center of the Western Bell Lode. (See attached map) We purpose removing the old tailing piles around the mine to be run through a processing plant roughly 200 feet away on the Summer Cloud Lode, to be contained in a 40 by 60 foot building. This will keep dust and noise to a minimum and protect the environment. Therefore, having little to no effect on wildlife and all other aspects of the ecosystem.

This area is also 500+ feet inside the private property boundries east and west. It is over 1,000 feet north and south.

About 85% of all trees on the proposed area are currently dead, down or standing bug trees that need to be removed regardless. New trees will be planted as needed. Will avavoid removal of any healthy trees whenever possible while working the protruding rock outcrops in the center of this so that only attractive solid rock will be left.

Will backfill where tailing piles and crumbly rock was removed with native rock covered by subsurface soil and top soil. The land will then be reseeded with recommended natural vegetation.

The second area is an existing 60 foot tunnel and tailing pile located at the south end of the private property in the SE corner of the Summer Cloud Lode. Here the forest service does border the property approximately 200 feet away to the SE. There are no trees other than one small pine that will not be effect the value of the location that grew in the center of the tailing pile to be removed. This area to be worked should only be approximately 100 square foot or less. Again the tailing pile will be removed and reclaimed as previously stated. This shall improve the location. No wildlife will be disturbed or displaced nby the minimal work or restoration of the area.

Skull Creek lays about 50 feet from the bottom of this second tailing pile and will not be disturbedby the mining but is in need of cleaning to improve the creek. We purpose to blean out the silt and wood debris.

Scenic:

The proposed areas are largely hidden from view by trees and hills. Mining and reclamation will be on going. Therefore restoring or improving the scenic value.

Historic:

Other than the old mining tunnel and open-cut we know of no other existing historical value on the property.

Archaeological:

No known archaeological evidence has been identified on the property.

Topographic:

The access is provided by Mystic Road to Horse Creek Road. Horse Creek Road is a Forest Service road that is seasonal due to gates at its entrance. The property is all natural forest. Very consistent with the remainder of the Black Hills. The property is contiguous of rolling to rough timber covered hills. Elevation is 5515 feet. Longitude -103.614082. Latitude 44.021929.

Ethnologic:

No known ethnologic concerns.

Scientific:

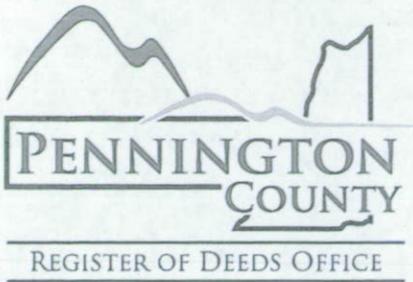
No unique scientific characteristics indicated in soil, vegetation or wildlife. Observations thus far have indicated no endangered, threatened rare plants or animals.

Cultural:

No cultural concerns on property identified.

Recreational:

This property is privately held. It is not open to the general public. Upon visual inspection of the creek running through the property there does not appear to be any fish. The water flow and depth of water vary throughout the year.



Donna M. Mayer
Pennington County Register of Deeds
130 Kansas City St Suite 210
Rapid City SD 57701
(605) 394-2177
donnam@pennco.org

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To Whom It May Concern:

Pennington County Register of Deeds has received:

FROM: Kenneth L. Denke
Nancy Denke

INSTRUMENT:

Request for Determination Special, Exceptional, Critical, or Unique Lands
and Notice of Intent to Operate

For public inspection per SDCL 45-6B-15.

April 3, 2015

Date

Donna M Mayer

Register of Deeds/Deputy



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Sent To *Michael Zosha*
Archaeological Research Center
 Street, Apt. No.; or PO Box No. *P.O. Box 1257*
 City, State, ZIP+4 *Rapid City, SD*

PS Form 3800, August 2006 See Reverse for Instructions

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Total Postage & Fees	\$ 4.49	04/03/2015

Sent To *Stan Michals*
Dept of Game, Fish, & Parks
 Street, Apt. No.; or PO Box No. *413D Adventure Trail*
 City, State, ZIP+4 *Rapid City, SD 57702*

PS Form 3800, August 2006 See Reverse for Instructions

6102 1201 2000 0202 7013

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 4.49	04/03/2015

Sent To *Tim Hagen*
Dept of Tourism
 Street, Apt. No.; or PO Box No. *211 E Wells Ave*
 City, State, ZIP+4 *Pierre, SD 57501*

PS Form 3800, August 2006 See Reverse for Instructions

7902 1201 2000 0202 7013

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 4.49	04/03/2015

Sent To *Jay Vogt*
State Historical Society
 Street, Apt. No.; or PO Box No. *900 Governors Dr*
 City, State, ZIP+4 *Pierre, SD 57501*

PS Form 3800, August 2006 See Reverse for Instructions

6102 1201 2000 0202 7013

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PIERRE SD 57501-3392

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 4.49	04/03/2015

Sent To *Bill Smith*
 Street, Apt. No.; or PO Box No. *Dept of Ag - 323 E Capital*
 City, State, ZIP+4 *Pierre, SD*

PS Form 3800, August 2006 See Reverse for Instructions

9112 1201 2000 0202 7013

Queen Bee

Legend

-  Access Road off Horse Creek Road/530
-  Forest Service Road
-  Hard rock mine
-  Location #2
-  Private property boundary
-  Processing building and shop
-  Road
-  Tailing Pile

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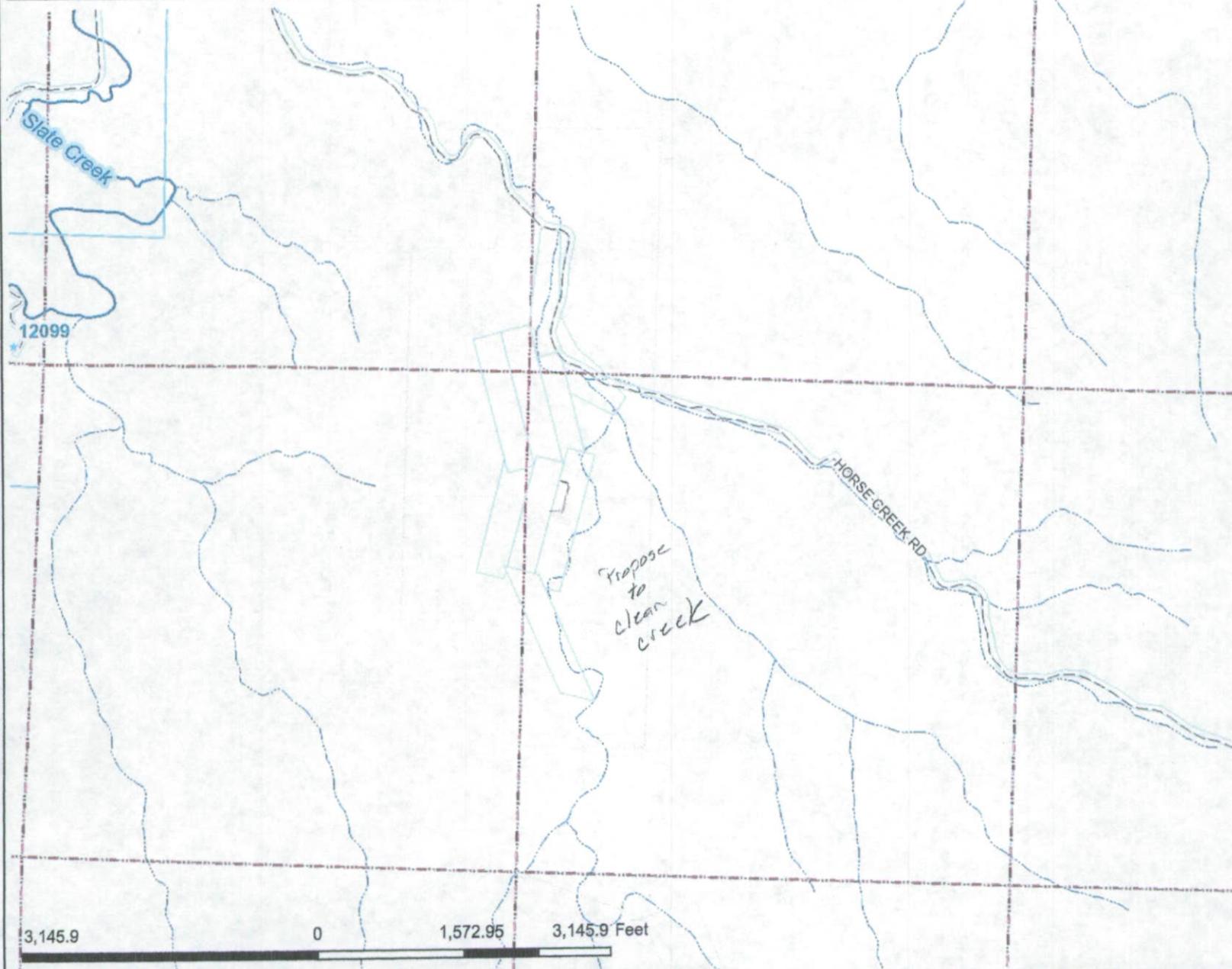
530 Horse Creek Rd

Google earth

© 2015 Google

900 ft





Legend

Roads

- Interstate
- US Highway
- SD Highway
- County Highway
- Main road
- Minor arterial
- Collector
- Ramp
- Paved road
- Unpaved road
- Unimproved road
- Trail
- F8 Highway
- Airport Runway
- Not yet coded

Address Points

Parcel Cartography Lines

- Corner Tic
- Dimension Tic
- From-To Mark
- In-Out Mark
- Parcel Tip

Lot Lines

- <Nub>
- Lot Line
- Parcel Line

Township/Section Lines

- 0
- 7

- County Line

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Scale: 1: 18,875

Map Notes:

DISCLAIMER: This map is provided 'as is' without warranty of any representation to accuracy, timeliness, or completeness. The burden for delimiting accuracy, completeness, timeliness, merchantability, and fitness for or the appropriateness for use rests solely on the user. Rapid City and Pennington County make no warranties, express or implied, as to the use of the map. There are no implied warranties of merchantability or fitness for a particular purpose. The user acknowledges and accepts the limitations of the map, including the fact that the data used to create the map is dynamic and is in the constant state of maintenance, correction, and update. This document does not represent a legal survey of the land. There are no restrictions on the distribution of printed Rapid City/Pennington County maps, other than the City of Rapid City copyright/credit notice must be legible on the print. The user agrees to recognize and honor in perpetuity the copyrights and other proprietary claims for the map(s) established or produced by the City of Rapid City or the vendors furnishing said items to the City of Rapid City.