

1-11-16

Amy Yeldell
DRMS
Grand Junction, CO

Re: in response to your letter dated 12/10/15 concerning the Vermillion creek barrow area File No. 2015-027

6.3.1

- 1) Location of the main entrance to the site is N40°46'13.8463" and W108°50'42.2821".

6.3.2

- A) BLM has been contacted and we are waiting for a reply about the existing vegetation currently on site.
- B) There is a stockyard fence on located within 200 feet of the boundary of the site owned by permit applicant John Raftopoulos.
- C) Description of Vermillion creek and it's alignment running through the permit area is under consideration of the Army Corps of engineers and is currently in the process of a 404 permit scheduled for completion approx. January of 2016.

6.3.3

- A) Proposed start date of reclamation is December of 2015 or upon approval of permit proposed date of completion is June of 2016. Reclamation will be completed over the entire 4.3 acre site upon approval of the 404 permit currently under consideration of the Army Corps. Of Engineers.
- B) No material was salvaged during original disturbance. Existing soil will be used and will be introduced with amendments to make higher quality. Any topsoil from new disturbance will be stockpiled as depicted on mining plan map.
- E) The road depicted on the map was existing and the bridge shown replaced a culvert that was existing. No other structures were built on the site.
- F) The dimensions of the permitted area covers the barrow area plus any area that was filled with barrow area material for the bridge abutments.
- G) The existing road being used and there was a bridge constructed to replace an existing culvert. Vermillion creek was realigned and will be restored under a pending 404 permit from the Army Corps of Engineers.
- I) Any impacts from the realignment of Vermillion creek will be addressed with the 404 permit from the Army Corp of Engineers.
- J) Army Corps of Engineers 404 permit is pending and work in the riparian area will not commence until permit approval.

N) Dirt was mined prior to getting the DRMS permit and was used for the bridge abutments.

6.3.4

A) BLM has been contacted and we are waiting for a response for there stipulations concerning the reclamation. Work in the barrow area will be done upon approval of DRMS permit, any work in the riparian area will be done only after approval of ACOE 404 permit.

B) .

C) (i) No plant medium was salvaged at time of excavation. Existing soil will be used and will be introduced with amendments to make higher quality. Any topsoil from new disturbance will be stockpiled as depicted on mining plan map. Topsoil will be spread 6" – 8". Riparian areas will be treated in accordance with the ACOE 404 permit that is pending. No soil sampling is intended at this time.

(ii) Seeding will be done in accordance with BLM stipulations, that are pending. Discing of soil prior to seeding will be done. Fertilizer will be used at the recommendation of BLM to promote plant growth.

(iii) BLM has been contacted and we are waiting on their recommendations for seeding. Seed for the riparian areas will be determined by the ACOE 404 permit that is pending.

(v) BLM has been contacted and seeding will be done under their recommendations.

D) Access road into site will be reduced to the original two track. The bridge will be removed and replaced with the original culvert once the creek is realigned to specifications of the ACOE.

E) Any silt fence or other erosion control materials will be removed upon completion of reclamation. Any seeded areas will be covered with straw after seeding to protect from wind and rain erosion. Creek realignment and riparian area reclamation will be done under the direction of the ACOE and the EPA under approved 404 permit that is currently pending and will be provided to the DRMS upon approval. Weed spraying will occur throughout the reclamation.

2)

- a) Push distances are calculated at approximately 100' – 200'. Discing of seed bed will be performed at a cost of \$1200. Topsoil will be replaced at a depth of 6" the top 4' -6" of soil will be saved as topsoil.
- b) Cost of the bridge demo is \$2000. Estimated yards for realigning Vermillion creek is 500 cu.yds. although this is very hard to determine for the fact that we don't know what the ACOE is going to require. Site maintenance will be done at recommendation of BLM and ACOE and is expected to cost \$1200 annually.

6.3.6

No other county or state permits needed for this operation other than already stated BLM approval and ACOE 404 permits.

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY
Department of Natural Resources

1313 Sherman St., Room 215
Denver, Colorado 80203
Phone: (303) 866-3567
FAX: (303) 832-8106



CONSTRUCTION MATERIALS
LIMITED IMPACT (110) OPERATION
RECLAMATION PERMIT APPLICATION FORM

CHECK ONE: ☒ There is a File Number Already Assigned to this Operation

Permit # M - 2015 - 027 (Please reference the file number currently assigned to this operation)

☒ New Application (Rule 1.4.5) ☐ Amendment Application (Rule 1.10)
☐ Conversion Application (Rule 1.11)

Permit # M - - - - - (provide for Amendments and Conversions of existing permits)

The application for a Construction Materials Limited Impact (110) Operation Reclamation Permit contains three major parts: (1) the application form; (2) Exhibits A-J, Exhibit L, Addendum 1, any sections of Exhibit 6.5 and Geotechnical Stability Exhibit, as required by the Office, and outlined in Rules 6.1, 6.2, 6.3, 6.5, and 1.6.2(1)(b); and (3) the application fee. When you submit your application, be sure to include one (1) complete signed and notarized ORIGINAL and one (1) copy of the completed application form, two (2) copies of Exhibits A-J, Exhibit L, Addendum 1, and appropriate sections of 6.5 (Geotechnical Stability Exhibit), as required, and a check for the application fee described under (4) below. Exhibits should NOT be bound or in a 3-ring binder; maps should be folded to 8 1/2" X 11" or 8 1/2" X 14" size. To expedite processing, please provide the information in the format and order described in this form.

GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, ALL information described below.

1. **Applicant/operator or company name (name to be used on permit):** Rancho Creek Partnership
 - 1.1 Type of organization (corporation, partnership, etc.): L. P.
2. **Operation name (pit, mine or site name):** Vermillion Creek Barrow Area
3. **Permitted acreage (new or existing site):** 4.3 - permitted acres
 - 3.1 Change in acreage (+) _____ acres
 - 3.2 Total Acreage in Permit Area 4.3 - acres
4. **Fees:**
 - 4.1 New Application: \$1258.00 application fee
 - Amendment Fee (C.R.S. 34-32.5-125(11)): \$827.00 application fee
5. **Primary commodity(ies) to be mined:** Barrow Material Reclamation
 - 5.1 Incidental commodity(ies) to be mined: 1. N/A lbs/Tons/yr 2. 1 lbs/Tons/yr 3. 1 lbs/Tons/yr
4. 1 lbs/Tons/yr 5. 1 lbs/Tons/yr
 - 5.2 Anticipated end use of primary commodity(ies) to be mined: N/A
 - Anticipated end use of incidental commodity(ies) to be mined: N/A



United States
Department of
Agriculture

NRCS

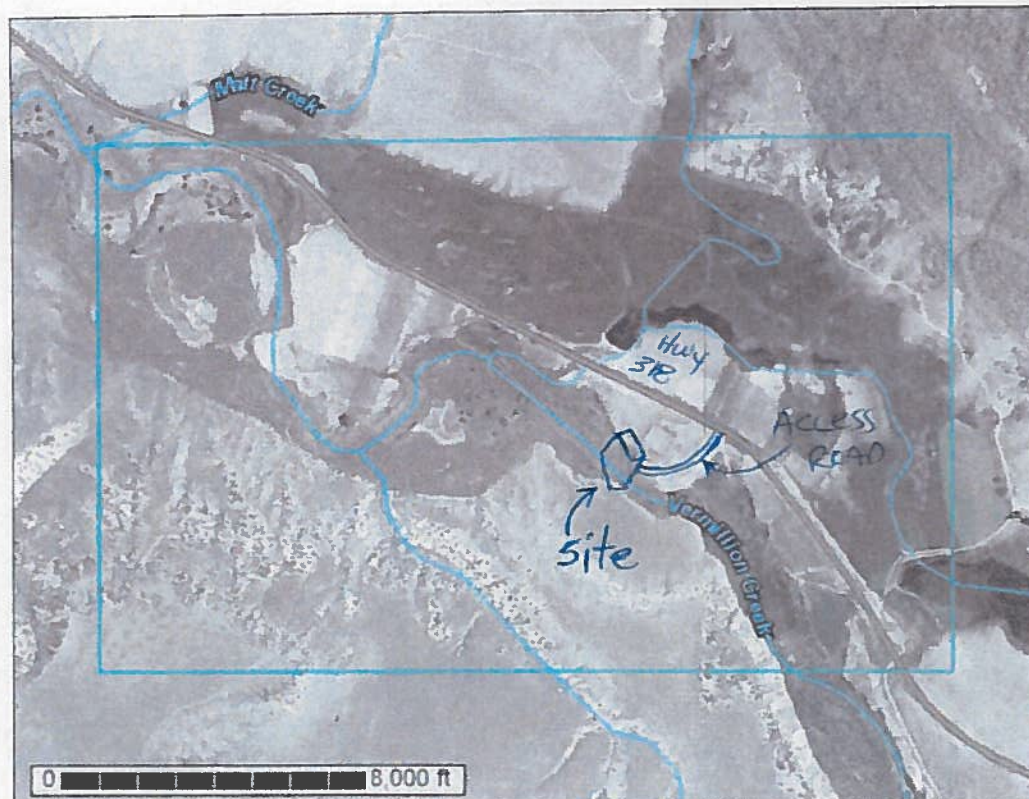
Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

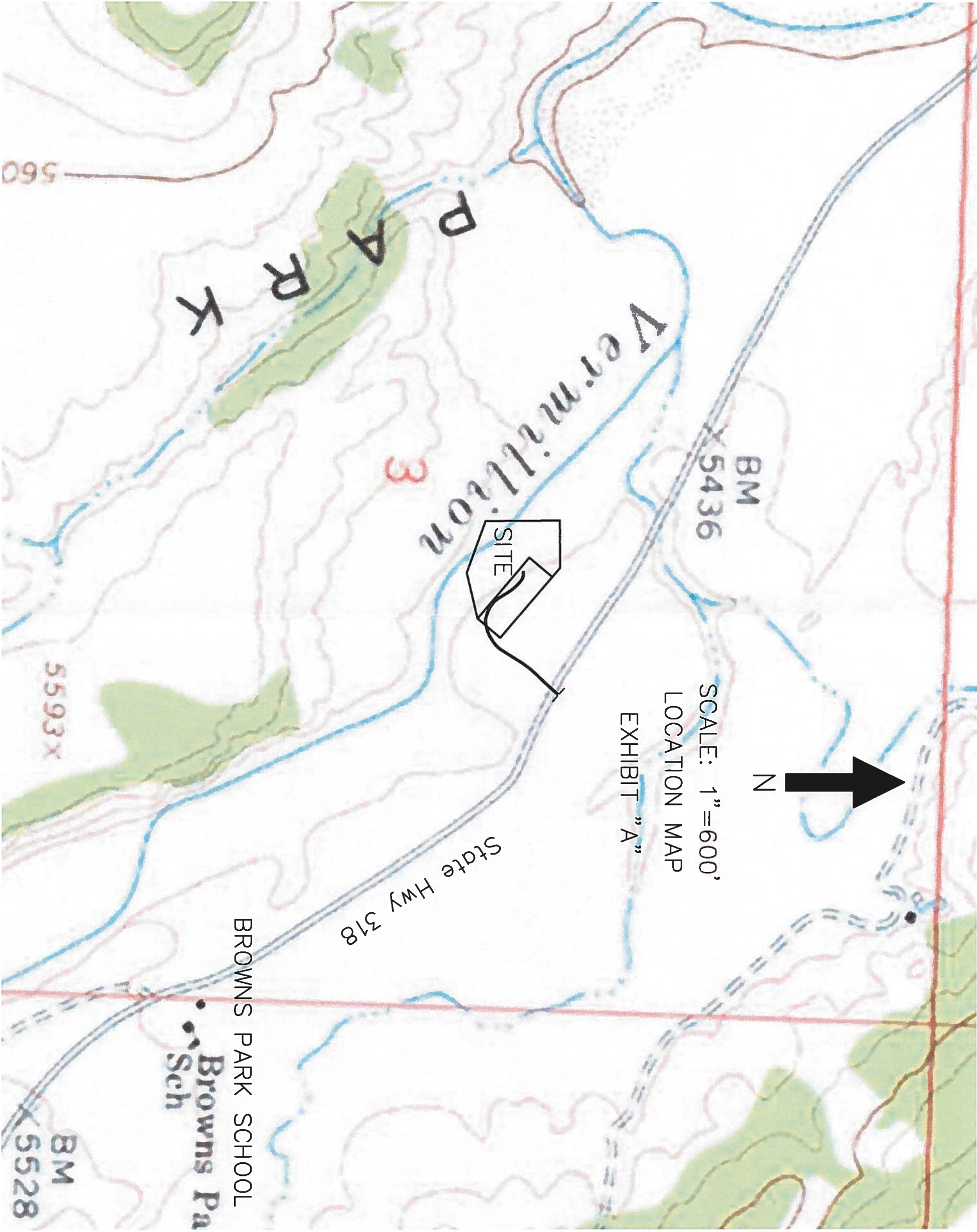
Custom Soil Resource Report for **Moffat County Area, Colorado**

**Vermillion Creek Barrow Area
M-2015-027**

*Greco Ranch Partnership
BLM Barrow Area*

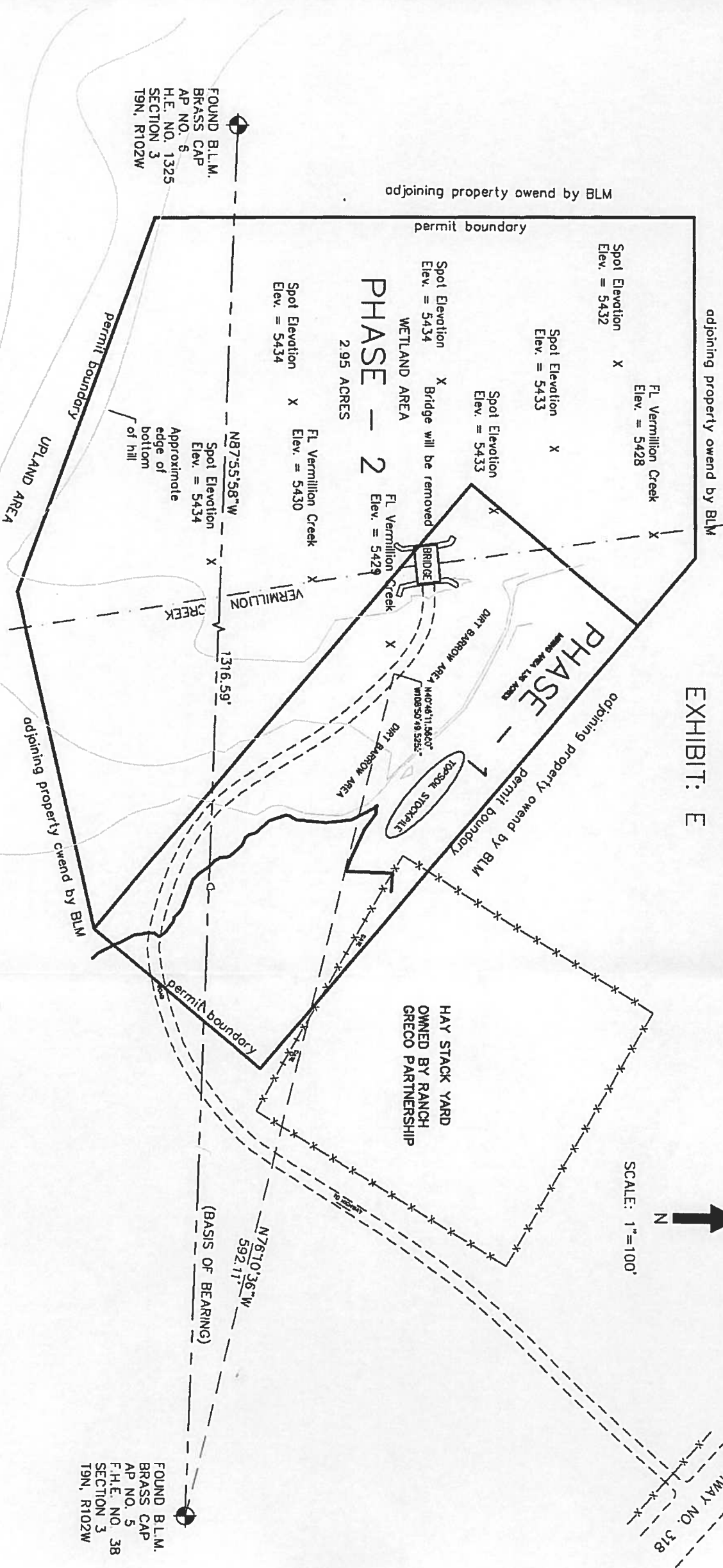


December 15, 2015



RANCH GRECO PARTNERSHIP
BLM PRMIT
EXISTING CONTOUR MAP
& MINING PLAN MAP
EXHIBIT: E

SCALE: 1"=100'
N



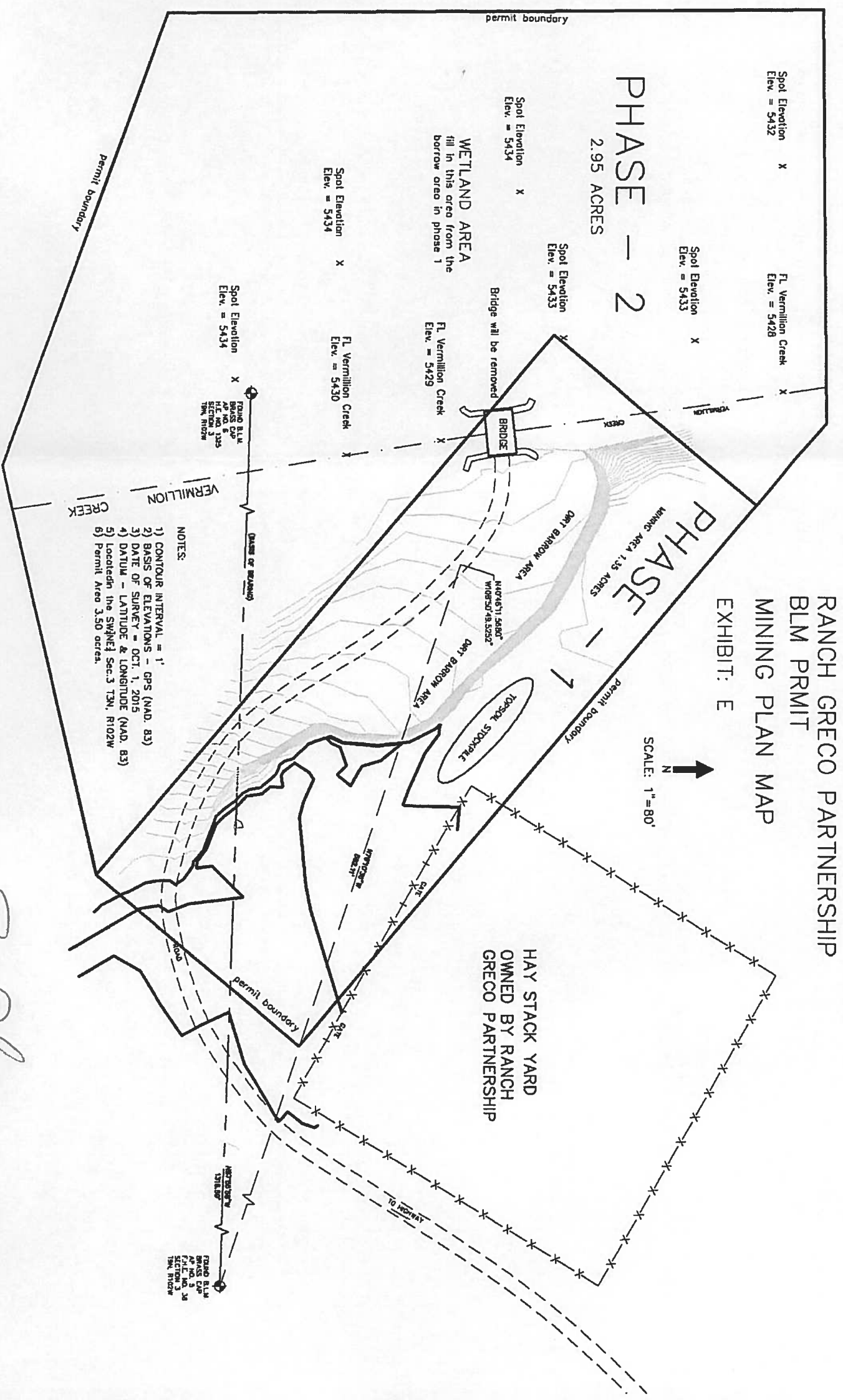
NOTES:

- 1) CONTOUR INTERVAL = 5'
- 2) BASIS OF ELEVATIONS - GPS (NAD. 83)
- 3) DATE OF SURVEY = OCT. 1, 2015
- 4) DATUM - LATITUDE & LONGITUDE (NAD. 83)
- 5) Located in the SW1/4 Sec.3 T9N, R102W
- 6) Permit Area 3.50 acres.

Prepared by:

STEVE BAKER
SAB

Date: 1-11-16



Prepared by: STB Date: 1-11-16

STEVE BAKER

