TETRA TECH

01/10/2014

Mr. Chris Eustice

Mining and Minerals Division

1220 South Saint Francis Drive

Santa Fe, New Mexico 87505

Subject: Minimal Impact Exploration Permit Termination Report for Tetra Tech Inc., Otero County, NM

To Mr. Chris Eustice:

Attached to this letter is Tetra Tech's termination report for a minimal impact exploration permit located in Otero County, New Mexico.

Tetra Tech has recently completed a drill program comprised of a total of ten Reverse Circulation (RC) drillholes for the Orogrande Project located T22S, R8E, Section 3,4 Otero County, New Mexico. It is believed that efforts taken by Tetra Tech to reclaim the drilling sites follow standard practices and meet the requirements put forth by the Mining and Minerals Division..

If you have any questions regarding this report please feel free to contact myself at our office in Golden, CO by phone at (720) 217-5700 or by e-mail at Arnand.Vanheerden@tetratech.com.

Regards,

Arnand Van Heerden

Principal Geologist

Cc. Mr. Ed Seum

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Orogrande Garnet Project Termination Report

Prepared for:

Mining and Minerals Division

1220 South Saint Francis Drive
Sante Fe, NM 87505

Prepared by:

TETRA TECH

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January 10, 2014

1.0 BACKGROUND

In November 2013,Tetra Tech Inc. (Tetra Tech) initiated work on the Orogrande Garnet Project (The Project) located in T22S, R8E, Section 3 and 4, Otero County, NM to confirm and attempt to expand the sites mineral potential. Work began on November 17, 2013 and was completed on December 5, 2013 and consisted of site preparation, drilling, and reclamation activities.

All work was executed on patented claims. Mobilization of the equipment prior to initiation of drilling, during, and after drilling completion was done on previously defined roadways and disturbed areas. Each of the ten drill sites were reclaimed as close as possible to preexisting conditions at their completion.

2.0 MINIMAL IMPACT PERMIT COMPLETION

2.1 Staging Areas

The Project is located on a previously disturbed exploration site to the west of State Highway 54. Preparation and use of the site did not notably increase preexisting disturbance and efforts were taken at completion to return the site to its original conditions.

A section of previously disturbed public land at the entrance to the site was used to store equipment that did not have the clearance or four-wheel-drive capabilities to make it to the site. Efforts to have a minimal impact on the site were executed during project activity and all equipment was removed from this area at project completion and the area was returned to its original state. Figures 1 and 2 below shows an before and after image of the staging area.

Figure 1: View of staging area during drilling operations

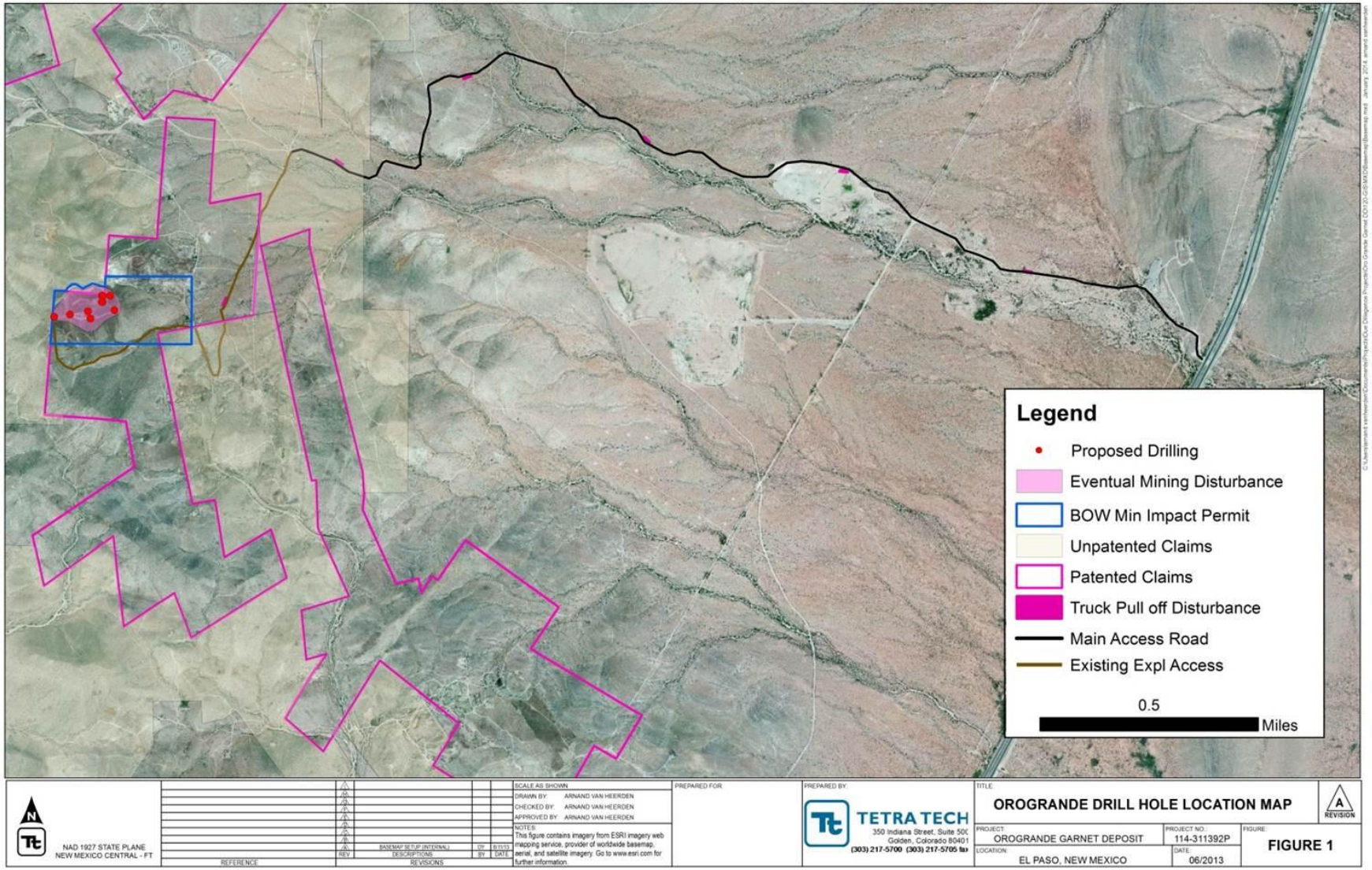
Figure 2: View of staging area after drilling was completed

2.2 Project Drill Sites

Ten drill sites were proposed for The Project: five exploratory drillholes and five twin drillholes. All ten holes were drilled using an T450GT Crawler drill rig with 5.25 inch diameter holes. Each of the holes were backfilled from total depth to within two feet of ground surface with bentonite chips, and then capped with two feet of cement. Drillhole information is provided in the table and maps below.

Table 1: Orogrande Garnet Project Drillhole Information

Drillhole ID	Easting (X)	Northing (Y)	Total Depth (ft)	Date Completed
Tt-01	1681773	515840.8	225	11/22/2013
Tt-02	1681789	515841.5	200	11/22/2013
Tt-03	1681788	515796.1	200	11/23/2013
Tt-04	1681783	515798.6	225	11/23/2013
Tt-05	1681504	515651.7	190	11/24/2013
Tt-06	1681234	515608.4	65	11/24/2013
Tt-07	1681725	515603.9	100	11/25/2013
Tt-08	1681958	515710.4	75	11/25/2013
Tt-09	1681890	515854.0	145	11/26/2013
Tt-10	1681366	515636.2	185	11/26/2013



NAD 1927 STATE PLANE NEW MEXICO CENTRAL - FT

REFERENCE

REVISIONS

REV	DESCRIPTIONS	BY	DATE
A	BASEMAP SETUP (INTERNAL)	DF	6/1/13

SCALE AS SHOWN

DRAWN BY: ARNAND VAN HEERDEN

CHECKED BY: ARNAND VAN HEERDEN

APPROVED BY: ARNAND VAN HEERDEN

NOTES:
This figure contains imagery from ESRI imagery web mapping service, provider of worldwide basemap, aerial, and satellite imagery. Go to www.esri.com for further information.

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PREPARED BY:

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TITLE:
OROGRANDE DRILL HOLE LOCATION MAP

A REVISION

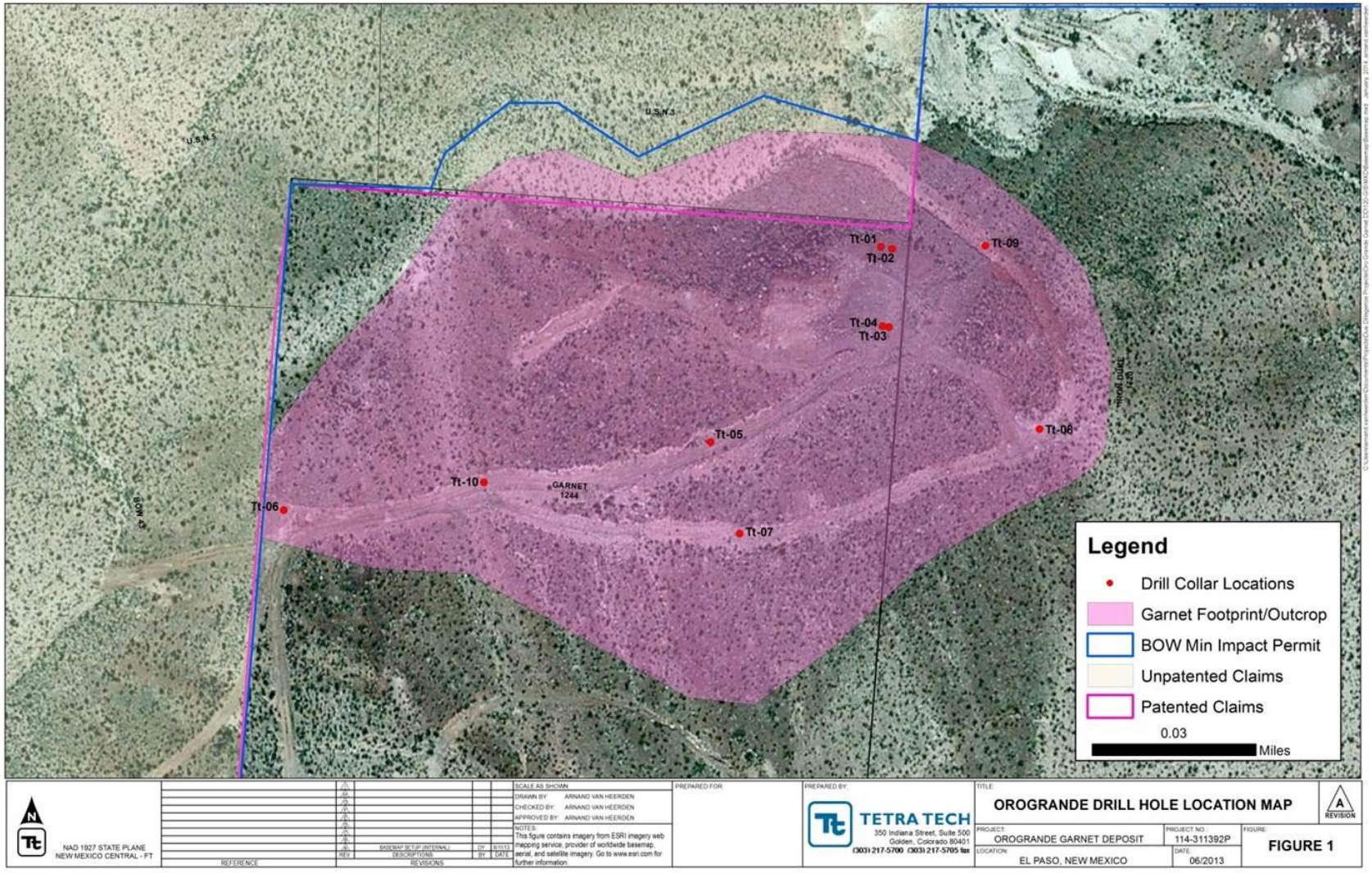
PROJECT: OROGRANDE GARNET DEPOSIT

PROJECT NO.: 114-311392P

FIGURE: **FIGURE 1**

LOCATION: EL PASO, NEW MEXICO

DATE: 06/2013


U.S.N.3
U.S.N.5
Tt-01
Tt-02
Tt-09
Tt-04
Tt-03
Tt-05
Tt-08
Tt-10
GARNET
1244
Tt-06
Tt-07
BOW
TRAIL GUIDE
Legend
Drill Collar Locations
Garnet Footprint/Outcrop
BOW Min Impact Permit
Unpatented Claims
Patented Claims
0.03
Miles
NAD 1927 STATE PLANE
NEW MEXICO CENTRAL - FT
SCALE AS SHOWN
DRAWN BY: ARNAND VAN HEERDEN
CHECKED BY: ARNAND VAN HEERDEN
APPROVED BY: ARNAND VAN HEERDEN
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TITLE:
OROGRANDE DRILL HOLE LOCATION MAP
A
REVISION
PROJECT
OROGRANDE GARNET DEPOSIT
PROJECT NO.
114-311392P
FIGURE:
FIGURE 1
LOCATION
EL PASO, NEW MEXICO
DATE
06/2013
REFERENCE
REVISIONS
REV
DESCRIPTIONS
BY
DATE
BASEMAP SETUP UNTERNAU
DY
6/13/13

Drill sampling was done following the completion of drilling efforts. At the end of this process, all manmade material, excluding the material used to plug the drillholes, was removed from The Project and the site was returned as close as possible to its original conditions and appearance. Photos of the drilling, the site post drilling and the site post sampling are shown below in Figures 3, 4, and 5 respectively.

Figure 3: View of drilling of hole Tt-05

Figure 4: View of hole Tt-05 post drilling

Figure 5: View of Tt-05 and Tt-10 post drilling and sampling