FORM MR-AR-LMO
(Revised 11/2014)

UTAH DEPARTMENT OF NATURAL RESOURCES - DIVISION OF OIL, GAS AND MINING
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LARGE MINING OPERATIONS PROGRESS REPORT
January 1, 2014 to December 31, 2014

The information required in this form is based on provisions of the Mined Land Reclamation Act, Title 40-8, and the R647 rules under the Utah Minerals Regulatory Program. It is due January 31 of each year.

1. Mine Permit Number: *M/023 /0003*

2. Mine Name: Topaz Mining Property

3. Name of Operator/Permittee: Materion Natural Resources

Note: If Operator's address, company representative or phone number have changed, submit replacement page(s) for the Notice of Intention together with form MR-REV available on the Division's web page at https://fs.ogm.utah.gov/pub/MINES/Minerals_Related/FORMS/MR-REV.pdf.

4. Report the gross amount of ore or product mined and waste moved.

Gross ore or product mined	162,600	(amount)	Wet Tons	(unit)
Waste material moved	92,400	(amount)	Wet Tons	(unit)

Primary Commodities Produced Bertrandite

5.

Disturbed area at the end of last year (2013)	250.3	Acres
New disturbance created during this year (2014)	0	Acres
Total disturbed area at the end of the year	250.3	Acres*

* The total disturbed area includes 2013 and 2014 disturbance (minus areas of regrading and reseeding that have received approval for bond release) The **Total** area should not be greater than the permitted/bonded acreage.

6. Areas of reclamation eligible for bond release

Areas regraded during 2014 year	(-) 0.80	Acres**
Areas reseeded during 2014 year	(-) 0.80	Acres**

** To apply for full or partial bond/site release submit form MR-SITE available at the Divisions web page at https://fs.ogm.utah.gov/pub/MINES/Minerals_Related/FORMS/MR-SITE.pdf.

7. Briefly describe any reclamation work performed during the past year. Include an updated map depicting surface disturbance and reclamation performed during the year (per R647-4-121.2) and any updates to operation plan (per R647-4-106).
Redistribute topsoil , rip, dimple and reseed as prescribed in mine reclamation plan. Please refer to attached for additional details.

I hereby certify the information provided in this report is true and correct to the best of my knowledge and belief.

Name (Typed or Print): Porter W. Gregory III

Title of Operator: President Materion Natural Resources

Signature of Operator: Port W Gregory III

Date: 1-30-15