

# RARE EARTH SCIENCE

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November 12, 2013

Plauché Properties, LLC  
c/o George C. Plauché  
Plauché & Carr LLP  
Post Office Drawer 52806  
Lafayette, Louisiana 70505

**Re: Mineral Assessment Report Update  
Plauché 2013 Conservation Easement Property  
Hinsdale County, Colorado**

Dear George:

At the request of Colorado Open Lands, Rare Earth Science, LLC (Rare Earth) has completed this Mineral Assessment Report (MAR) update for the proposed Plauché 2013 Conservation Easement (CE) property located south of Lake City in rural Hinsdale County, Colorado (hereafter, Site). A map depicting the Site location is attached.

Rare Earth originally completed a MAR (dated February 3, 2012) for this approximately 160-acre Site, which concluded that *"the probability of surface mining occurring at the Site is so remote as to be negligible,"* for purposes of a CE conveyance.

For this MAR update, Rare Earth reviewed State and Federal databases for mining & drilling information (obtained from the U.S. Bureau of Land Management [BLM]; the Colorado Oil & Gas Conservation Commission [COGCC]; and the Colorado Division of Reclamation, Mining and Safety [DRMS]) for the Site and the surrounding area. Rare Earth also reviewed a recent title commitment for the Site provided by Westcor Land Title Insurance Company (dated September 27, 2013), along with a title-review memo prepared by attorney Allan Beezley on October 11<sup>th</sup>. No mineral leases or mining claims were identified in the title work.

No proposed or recently-permitted oil and/or gas wells were identified in the COGCC database for the Site and surrounding lands, and no active Federal or State oil & gas leases were identified nearby. The Site and surrounding lands were not included in BLM's most recent (November 14<sup>th</sup>) competitive oil & gas lease sale, nor are these lands proposed for the upcoming February 13<sup>th</sup> lease sale. No recent mining permits or mining operations were identified in the DRMS database at or near the Site.

This letter serves as a current update to Rare Earth's February 2012 MAR, concluding that no significant changes have occurred at or near the Plauché 2013 CE property which would alter our original finding that the probability of surface mining occurring at the Site is so remote as to be negligible.

Please contact me at 970/241-1762 if you require further information.

Respectfully Submitted,

**Rare Earth Science, LLC**

A handwritten signature in dark ink, appearing to read "James C. Armstrong". The signature is fluid and cursive, with a large initial "J" and "A".

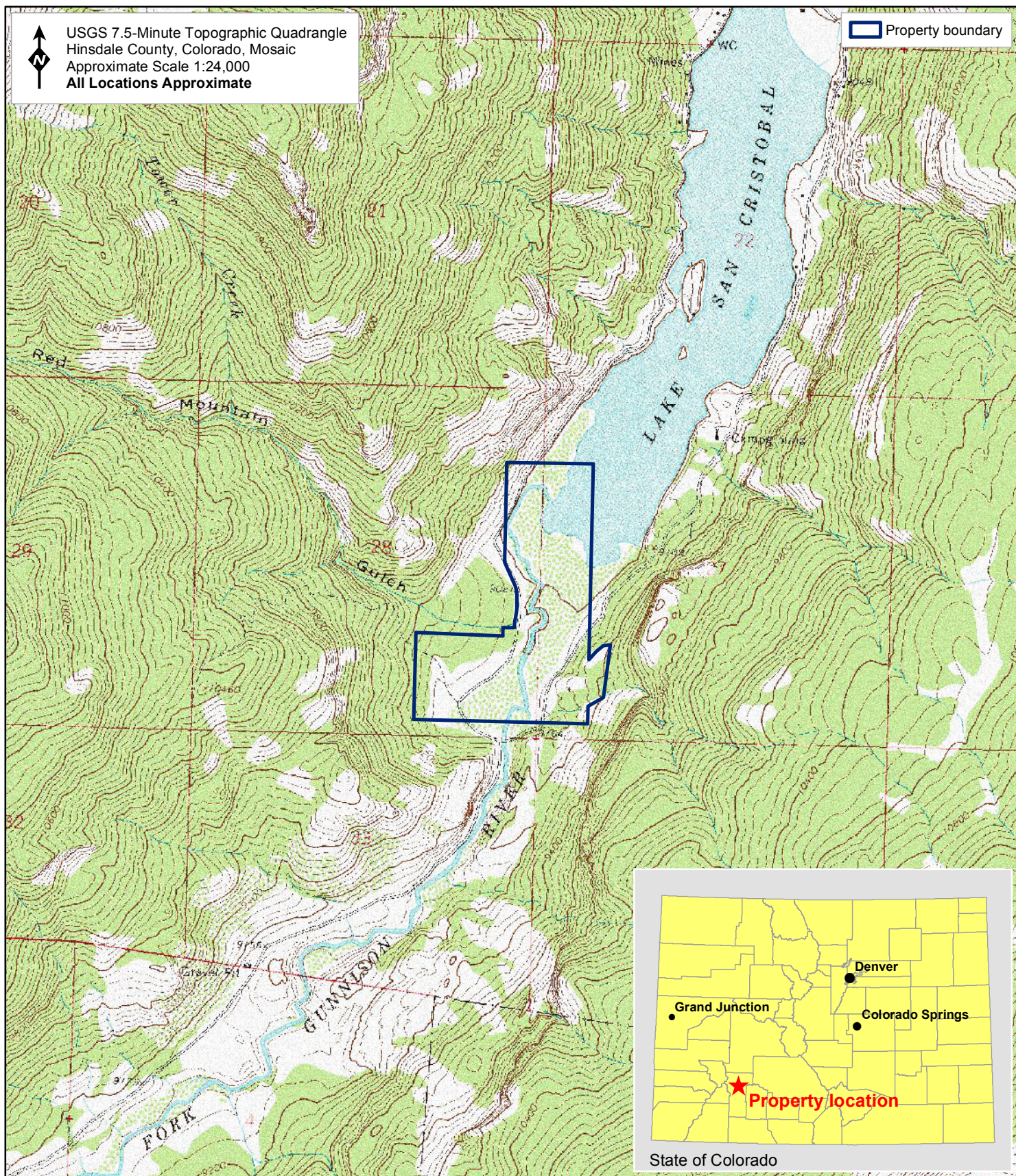
James C. Armstrong  
Principal Geologist

cc: A. Nims (COL)  
A. Beezley, Esq.

**Attachments**

- Figure 1 – Boundary Map





DATE: January 2012  
DRAWN BY: D. Reeder



**RARE EARTH SCIENCE**

PO Box 4523  
Grand Junction, Colorado 81502  
(970) 241-1762  
[www.rareearthscience.com](http://www.rareearthscience.com)

## BOUNDARY MAP

### PLAUCHE PROPERTY MINERAL ASSESSMENT REPORT Hinsdale County, Colorado

**FIGURE**  
**1**