

**Oregon Consolidated Application and Permitting Process – Chemical Process Mine
Calico Resources USA**

TECHNICAL REVIEW TEAM – Geochemistry Subcommittee Meeting Notes

Date: June 30, 2022; 10:00 AM – 12:00 PM PT

Location: Zoom teleconference, with public access by phone or online

Purpose: Geochemistry Subcommittee to discuss a recently revised Geochemistry Baseline Data Report submitted by Calico Resources in support of a Consolidated Permit Application for a proposed gold mine, and to reach a consensus recommendation for the full TRT regarding completeness of the report.

<i>Attendees</i>	<i>Agency or Affiliation</i>
Sarah Lewis	Oregon Department of Geology and Mineral Industries (DOGAMI)
Karl Wozniak	DOGAMI
Bob Brinkmann	DOGAMI
Alex Lopez	DOGAMI
Becky Johnson	DOGAMI
Randy Jones	Oregon Department of Environmental Quality (DEQ)
Phil Marcy	Oregon Water Resources Department (WRD)
Cameron Curtis	Cardno now Stantec
Alison Uno	Cardno now Stantec
Glen Van Treek	Paramount Gold
Christos Theodore	Paramount Gold
Jarod Gasper	Integral Consulting
David Livermore	Integral Consulting
Andrew Nicholson	Integral Consulting
Heather Bartlett	SLR International Corp
Steve Flock	Bureau of Land Management
Senator Lynn Findley	Oregon State Senator
Eric Evans	Malheur County Planning Director

Agenda:

Time	Agenda Topic
10:00 am	Welcome and Introductions
10:15 am	Revisions to the Agenda
10:20 am	Summary of Geochemistry Baseline Data Report (BDR) Completeness

Time	Agenda Topic
10:30 am	Integral Technical Review of Revised Geochemistry Baseline Data Report (SRK – revised March 2022; submitted March 22, 2022)
11:00 am	BDR Completeness Discussion
11:30 am	Subcommittee Recommendation to the Full TRT at the Future Meeting
11:45 am	Next Steps and Schedule
11:55 am	Meeting Conclusion and Final Remarks
12:00 pm	A D J O U R N

Notes:

1. Introduction

- Meeting introduction by Alex Lopez, DOGAMI
- Call in details were provided if attendees lose online connection; notice was given that the meeting was being recorded.
- Project overview provided by Karl Wozniak, DOGAMI, stating the purpose of the meeting was to allow a discussion of the TRT Subcommittee’s review of the Geochemistry BDR. Members of the subcommittee also introduced themselves. Discussion of the report during the meeting will be by TRT members only.
- The written public comment period for the Geochemistry BDR was from June 16 to June 30, 2022. No public comments were received.

2. Agenda

- Reviewed by committee members; no changes or additions were requested.

3. Summary of Geochemistry Baseline Data Report (BDR) Completeness – Karl Wozniak

- Update on the revised baseline data report since the previous Geochemistry BDR was reviewed by the TRT in 2020. Summary of the actions to date:
 - November 9th, 2021 - the Applicant submitted a revised BDR. After review, it was determined that the report required additional GIS files and that not all previous TRT comments had been addressed.
 - January 27th, 2022 - Calico submitted the requested GIS files.
 - March 22nd, 2022 – Calico submitted a revised BDR.
 - April 14th, 2022 – Integral Corp. completed review of the revised BDR and DOGAMI forwarded the report to the TRT subcommittee.
- The goal of the meeting is to reach consensus on the completeness of the revised BDR and to recommend a motion to the full TRT to accept the report as complete, or incomplete and in need of additional information.
- Completeness requires all baseline data to be accurate and all previous deficiencies to have been resolved.

4. Collective Review of Revised Geochemistry Baseline Data Report – All Agencies

- Integral Consulting - David Livermore, Jared Gasper and Andrew Nicholson
 - Presented a review of the revised BDR. Integral has been involved as the State's consultant in the review process since March 2013. The most recent BDR was provided in March 2022.
 - The report addresses all remaining questions that Integral had identified.
 - Integral Consulting determined that the revised BDR is acceptable and sufficiently addresses all previous data requests and comments.
- DEQ - Randy Jones
 - Asked whether final mitigation strategies around metals mobilization, cement rock fill planning, and pH management have been identified at this stage.
 - Integral responded that:
 - this report provides quantitative information about waste materials including the volume of acid generated, which allows engineering calculations to be made that would determine neutralization requirements.
 - The report identifies oxidization of waste rock and whether there is any water treatment required.
 - Some specific studies will need to be conducted before final mine design plans can be accomplished. These specific studies will occur in the future.
- DOGAMI - Bob Brinkman
 - Commented that while there are acid-generating aspects of underground mining activity, the neutralizing capacity of the waste rock is part of the equation, and this report will be useful in that analysis.

5. BDR Completeness Discussion

- BLM – Steve Flock
 - BLM's review of the Geochemistry BDR is coordinated through their contractor, HDR Engineering, Inc. HDR has some comments on the revised BDR, although no substantial issues or deficiencies have been identified. Steve will forward the comments created by HDR Engineering, Inc. to the committee regarding geochemistry, but those are handled through the BLM review of the Plan of Operations.
- DEQ - Randy Jones
 - A lot of work has been done by Calico and Paramount. The BDR is a critical piece of work.
 - SRK report confirms the absence of erionite.
 - Recognized the presence of Senator Findley on the call.
 - DEQ reviews have involved a number of technical experts including hydrogeologists, geologists, and water quality managers.
 - DEQ found that the BDR is in compliance with the work plan, the data is accurate, comments have been addressed, and no additional data are requested.
- DOGAMI - Bob Brinkman
 - Comments have been addressed, the BDR is in compliance with the Work Plan for the geochemistry work, and it is complete.
- OWRD – Phil Marcy
 - Appreciates the expertise of Integral and DEQ for performing a thorough review of the BDR.
 - The BDR appears in compliance with Work Plan and is complete.

6. Subcommittee Recommendation

- Consensus to accept the BDR as complete to the full TRT.
- *Motion presented:* The Geochemistry Subcommittee agrees that the Revised Baseline Data Report is complete, accurate, and conforms to the Work Plan, and should be accepted by the full TRT
 - No objections, unanimous consent to adopt motion.
- The motion to accept the BDR will be brought up at this afternoon's TRT meeting.

7. Next Steps and Updates

- The TRT meeting will be held today (June 30, 2022). The motion to accept the BDR will be presented at the meeting.
- Karl provided a high-level overview of project updates that will be further discussed during the TRT meeting.
 - A revised CPA and additional documents supporting land use requirements have been submitted and shared with the TRT for review.
 - DOGAMI and the Bureau of Land Management (BLM) are working on a joint-bonding memorandum of understanding that will outline the bonding requirements and responsibilities of both agencies.

8. Final Remarks

- Karl and Sarah thanked the meeting participants for attending the meeting and for the subcommittee's time and preparation.
- The motion adopted by the subcommittee will be forwarded to the full TRT at the next TRT meeting.
- DOGAMI will be preparing notes, and the meeting summary and recording are to be posted on the project website.
- The meeting was adjourned at approximately 10:40am.