



October 5, 2020

Jennifer Johnson
Permit Lead
Mining Act Reclamation Program ("MARF")
New Mexico Mining and Minerals Division
Wendell Chino Building
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Sent Via E-Mail to JenniferE.Johnson@state.nm.us

Subject: Request for Slope Stability Analysis Timeline, Socorro Mine and Mill Revision 19-1 Application, Permit No. S0001RE, Socorro County, New Mexico

Dear Ms. Johnson:

On May 1, 2020, CDM Smith (on behalf of the Dicalite Mineral LLC (Dicalite)) responded to the New Mexico Mining and Mineral Division (MMD) April 2, 2020 e-mail comments on the Dicalite Site Wide Closeout Plan Update Application, Response to Closure Cost Comments, Permit Revision 19-1, Permit No. S0001RE, Socorro Mine and Mill. In that response, we were unable to provide a proposed timeline for completion of the slope stability assessment and the exploratory/geotechnical drilling program due to Covid-19 restrictions. Recently these restrictions have eased, and we are now able to begin scheduling of these activities.

In response to your September 10, 2020 letter requesting an anticipated timeline for additional data acquisition for supplementing and updating the slope stability analysis and evaluation provided in 2018, we have prepared the schedule shown below. We are currently contacting qualified drillers for availability and anticipate scheduling the drilling concurrently with the slope stability assessment site visit. Once we have a date, we will provide MMD with advance notice so that MMD will have the opportunity to be present during the upcoming site visit.

Step	Activity	Additional Information	Initiating Party	Supporting Party	Duration	Schedule ³
1	Prepare borehole location plan and submit to MMD; Correspondence with MMD	The primary purpose of the exploratory borings per location plan is to determine the overburden thickness above the perlite rock for planning future mining operations. Per work plan (CDM Smith, December 30, 2019) these borings will also be utilized trying to obtain cores from the perlite rock for laboratory testing.	Dicaperl	CDM Smith	Coordination by Dicaperl, support by CDM Smith as needed	OCT 2020
2	Select, contract, and schedule a qualified drilling contractor	The drilling method needs to be suitable to collect rock cores (HQ, diameter 63.5 mm (2.5 inches). Preferably triple tube core method (HQ3) is used to maximize the probability of achieving core quality as needed for testing.	Dicaperl	CDM Smith	Coordination by Dicaperl; Establishing drilling schedule depends on driller availability	NOV/DEC 2020
3	Identify laboratory for testing of rock cores as per schedule	The CDM Smith Geotechnical Laboratory in Chelmsford, Mass. has the capacity to perform rock testing.	CDM Smith	Dicaperl	Dicaperl to approve use of recommended laboratory	NOV/DEC 2020
4	Conduct exploratory borings	Drilling of exploratory borings will be directed and supervised by Dicaperl. CDM Smith will provide technical support (core selection, packaging and shipping means and methods) ² .	Dicaperl	CDM Smith	Progress estimate: 1 to 2 borings per day	DEC 2020/JAN 2021
5	Site visit by CDM Smith geologist ¹	Work plan considers joint measurements every 1 to 2 years as the mine pit slopes are being set back. Last visit was May 2018.	CDM Smith	Dicaperl	2 days on site	DEC 2020/JAN 2021
6	Rock core testing	Unconfined Compressive Strength (UCS) per ASTM D7012.	CDM Smith	-	1 to 2 weeks	JAN/FEB 2021
7	Data analysis and report	Report will include kinematic analyses of joint orientation measurements, laboratory test results, and responses to the questions by MMD (MMD, July 24, 2019).	CDM Smith	Dicaperl	4 weeks	FEB 2021

NOTES:

- ¹ Dicaperl will coordinate the site visit and will provide MMD with advance notice so that MMD will have the opportunity to be present.
- ² Attempts will be made to coordinate the schedules of exploratory borings and CDM Smith site visit. Otherwise technical support will be provided remotely.
- ³ This schedule estimate might need to be adjusted due to factors not known at this time such as driller availability, weather conditions, Covid-19 restrictions.

We look forward to working together to get the slope stability assessment completed. If you have any questions regarding the above timeline, please do not hesitate to contact me at (530) 335-5451x102.

Sincerely,



Rocky Torgrimson
 Dicalite Management Group, Inc

Jennifer Johnson

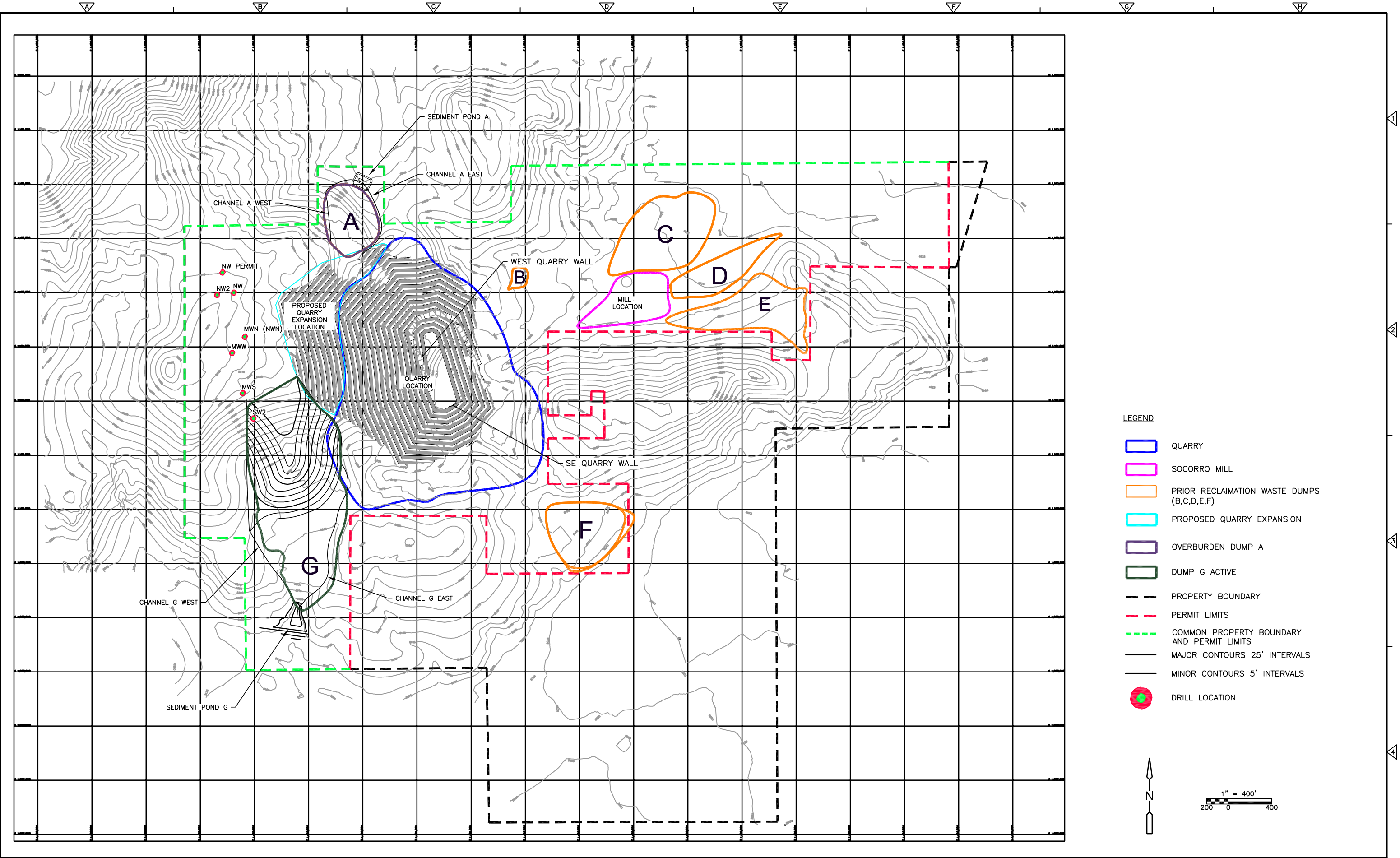
October 2, 2020

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Attachment: Socorro Mine Site Plan (Figure No. C-1)

cc. Brian Antonioli, CDM Smith
Ulf Gwildis, CDM Smith

PW_XM1\Documents\147413\106779\04 Design Services NM_Permit\12 Permitting\Socorro Mine\September 2019 Response\DWG\C1.DWG
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REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: J. KOTSON
 DRAWN BY: W. PARKER
 SHEET CHK'D BY: B. ANTONIOLI
 CROSS CHK'D BY: B. ANTONIOLI
 APPROVED BY: B. ANTONIOLI
 DATE: SEPTEMBER 2020



DICAPERL MINERAL CORP.
 SOCORRO MINE
 SOCORRO, NM

SOCORRO MINE SITE PLAN

PROJECT NO. 106779.TK11
 FILE NAME: C-1.DWG
 FIGURE NO.
 C-1