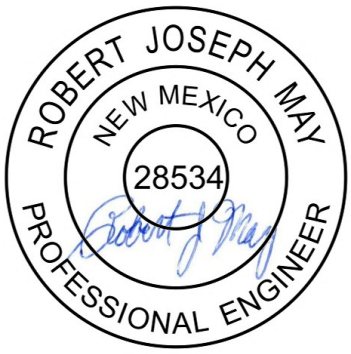
Closeout Plan Narrative

No Agua Mine Permit No TA005RE

Prepared for: Imerys Perlite USA INC. (Imerys)

Prepared by: Onterris USA

October 23, 2026



1140 Valley Forge Road
P.O. Box 584
Valley Forge, PA USA 19482
T: +1.610.840.9100
Onterris.com

For Planet & Progress

Narrative

This narrative is an addendum to the previously submitted Closeout Plan 24-1 No Agua Mine Permit No TA005RE prepared by Montrose Environmental on October 2, 2025.

Mining operations have occurred at the site since the early 1950's. The earliest topographic data is USGS 1:250000 scale mapping from 1954, when the mine was already in use. Based upon comparison of the 1954 to current topography, minimal impact to the hydrology of the adjoining area is anticipated. This is due to the minimal reduction in drainage area to the adjoining streams by the mining activities. The goal of the final restoration is to ensure erosion potential to adjoining properties is minimized to the greatest extent possible, and to match the discharge points visible on the 1954 USGS topographic mapping. The Hydrologic Report for the No Agua Mine, prepared by Montrose Environmental, dated September 2025 describes in detail the existing and proposed hydrologic conditions of the site.

The No Agua Peaks area contains approximately eleven ephemeral streams which drain into three separate HUC12 watersheds. The eastern portion of the facility drains to the Cerrito Negro HUC12 watershed through four ephemeral streams. The western portion drains to the Martinez Canyon-Arroyo Aguaje de la Petaca HUC12 watershed by means of five ephemeral streams. The southernmost portion of the facility drains to the Canon de Tio Gordito-Arroyo Aguaje de la Petaca, HUC12 watershed by way of two ephemeral streams.

The internal drainage patterns of the site have been modified by the mining operations due to the mining of the North, South, and West Hills resulting in depressions. The South and West Hill grading has altered the drainage patterns between the Martinez Canyon-Arroyo Aguaje de la Petaca and the Canon de Tio Gordito-Arroyo Aguaje de la Petaca watersheds. Per our analysis of the 1954 USGS Quadrangle map and current topography, the overall drainage patterns generally match the 1954 site conditions. All three watersheds drain to the Rio Grande River.

The North Hill outfall drains towards the east into the Cerrito Negro watershed. The South Hill outfall and West Hill Outfall drain to the west and south into the Martinez Canyon-Arroyo Aguaje de la Petaca watershed. No outfalls are proposed to drain directly into the Canon de Tio Gordito-Arroyo Aguaje de la Petaca watershed due to the grading changes made to the site over the lifetime of the mine. The overall drainage area plan is provided on Sheet 2.

The South Hill outfall combines partial areas from three ephemeral streams. The existing excavation will be converted to a settling pond with no discharge due to the depth of the excavation. Additional water quality features include diversion berms, maintenance drive with swale, and stabilized swales. An outfall location indicates where runoff from the site will enter the ephemeral stream downhill of the site. The South Hill Closeout Plan is provided on Sheet 6.

The West Hill outfall combines partial areas from two ephemeral streams. The existing excavation will be converted to a settling pond with no discharge due to the depth of the excavation. Additional

water quality features include diversion berms, maintenance drives with swales, and stabilized swales. An outfall location indicates where runoff from the site will enter the ephemeral stream downhill of the site. The West Hill Closeout Plan is provided on Sheet 7.

The North Hill outfall drains towards the east and consists of runoff to two ephemeral streams. Diversion Berms, stabilized swales, maintenance drive with swale, and a settling pond are proposed for this area. The North Hill Closeout Plan is provided on Sheet 9.

The three hills consist of silicic and intermediate volcanic rocks that are the remnants of two rhyolite domes. The ore is divided into hard ores and waste lithologies and soft ores. The hard ores and waste lithologies are mined utilizing drilling and blasting while the soft ore is mechanically excavated.

Hard ores are located in the North Hill and the eastern portion of the South Hill. The hard ores are typically dipping faults at approximately 35 to 45 degrees. The lithology of the hard or is C – classical perlite, CGT – classical granular transition perlite, and G – granular perlite.

The majority of the West and South Hills consist of soft ores. The lithologies of the soft ores are West Hill Pyroclastic Flows, SH – shardy perlite, FBXA – fines dominated airfill breccia, CXBA – clast dominated airfill breccia, UT – Upper Tuff, and LT – Lower Tuff.

A more detailed explanation of the geology and lithologies can be found in the Imerys No Agua Geotechnical Evaluation dated April 29, 2025 and prepared by Call & Nicholas.

According to the geotechnical evaluation, fault planes within the soft ore do not appear to act as preferential weakness planes due to the healing of the fault planes and the weak material strength of the soft ore. Faults within the hard ore and waste units will act as preferential failure planes when daylighted since they are not healed and are sleckensided.

To date, the West and South Hills have been reviewed by a geotechnical engineer to determine the slope stability of the final conditions of these two areas. Highwalls that are stable per the slope stability analysis will be left in place. For highwalls that are not stable per the slope stability analysis two options are proposed depending on the scope and breadth of the unstable area. For smaller areas the slope will be buttressed with soil material at a maximum 3:1 slope. For larger areas, mesh and shotcrete are proposed to stabilize the slope. Details of both options are provided on the plan set. The final decision on which type of slope stability to utilize will depend on a more detailed analysis of a geotechnical engineer.

Closeout Activities Description

Table of Sheets

Mine Area	Sheet Number
Fines Area	5, 5A
South Hill	6, 6A, 6B, 6C, 6D, 6E, 6F, 6G
West Hill	7, 7A, 7B

Plant Area	8, 8A, 8B
North Hill	9, 9A, 9B
North Hill Site Stabilization	10, 10A, 10B, 10C, 10D, 10E, 10F

Plant Area

This area consists of the mill along with accessory structures for the running of the mining operation. All structures will be dismantled. Functioning equipment with economic value will be sold or transported to other Imerys facilities for reuse. Asbestos abatement will be performed by a licensed contractor who will obtain appropriate permits and properly dispose of any material. Remaining non-hazardous scrap material and concrete foundations may be broken up and/or buried on the site under a minimum of three feet of overburden. Following removal of structures, the facility area will be reclaimed in the same manner as other disturbance areas.

The plant area will be regraded to drain runoff from the area to the Plant Basin settling pond located to the north of the plant buildings as indicated on the closeout plan. The existing perimeter drive will be reclaimed per the Maintenance Drive Restoration detail. Interior drives will be removed to reduce the areas impacted by vehicular traffic. Basins 1A and B will be created to capture runoff from the northern portion of the perimeter drive. Basin 9 will be installed to capture a large portion of the western perimeter drive.

The Plant outfall drains to the west into the Martinez Canyon-Arroyo Aguaje de la Petaca watershed. The Plant outfall combines partial areas from three ephemeral streams. The proposed maintenance drive, with its integrated swale, will act as the perimeter control to ensure drainage reaches the settling pond. The Plant Area Closeout Plan is provided on Sheets 8 through 8B.

Debris that qualify as clean fill will be stockpiled in the area shown on the plan and reclaimed onsite. The clean fill debris stockpile will be surrounded and covered with overburden material from the mining operation prior to installation of soil cover material.

Material encountered from the dismantling of the structures that does not meet clean fill requirements along with waste materials will be collected and transported offsite for disposal at a properly regulated facility.

Cover material will be applied to the disturbed areas in accordance with the results of the ongoing test plot program and the approved vegetation applied which will reduce the erosion potential by stabilizing the surface materials. The test plots are based upon the approved March 25, 2026 Test Plot Program prepared by Montrose Environmental.

Access Drives

The existing haul road system within the mining operations will be converted to maintenance drives. This will reduce the area impacted by vehicular traffic after the mine has been reclaimed. The width of the haul roads will be reduced to approximately 10 feet wide maintenance drives. The maintenance drive and reclaimed area will be sloped to drain to the inside edge of the drive and

into a riprap lined swale. Any areas requiring fill to accomplish the reconfiguration will utilize overburden from the mining operation. The haul road areas outside of the maintenance drive and riprap swale will be reclaimed and vegetated.

The rip rap swales will be designed per the total drainage area they control. The rip rap swales will be designed per the SCS Method utilizing NOAA Atlas 14 rainfall data for a 100-year, 24 hour design storm of 3.01 inches of rainfall.

NOAA Atlas 14, Volume 1, Version 5
Location name: Ojo Caliente, New Mexico, USA*
Latitude: 36.7579°, Longitude: -105.9541°
Elevation: 8661 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.185 (0.162-0.213)	0.239 (0.209-0.276)	0.324 (0.282-0.374)	0.393 (0.339-0.454)	0.491 (0.419-0.568)	0.573 (0.484-0.666)	0.663 (0.550-0.776)	0.758 (0.618-0.896)	0.898 (0.713-1.08)	1.02 (0.789-1.24)
10-min	0.282 (0.246-0.325)	0.364 (0.318-0.421)	0.494 (0.428-0.570)	0.599 (0.516-0.691)	0.748 (0.638-0.865)	0.873 (0.737-1.01)	1.01 (0.838-1.18)	1.16 (0.941-1.36)	1.37 (1.08-1.64)	1.55 (1.20-1.89)
15-min	0.350 (0.305-0.403)	0.451 (0.394-0.522)	0.612 (0.531-0.706)	0.742 (0.640-0.857)	0.928 (0.791-1.07)	1.08 (0.914-1.26)	1.25 (1.04-1.46)	1.43 (1.17-1.69)	1.69 (1.34-2.04)	1.92 (1.49-2.34)
30-min	0.471 (0.411-0.543)	0.608 (0.531-0.703)	0.825 (0.716-0.951)	0.999 (0.862-1.15)	1.25 (1.06-1.44)	1.46 (1.23-1.69)	1.68 (1.40-1.97)	1.93 (1.57-2.28)	2.28 (1.81-2.74)	2.58 (2.00-3.16)
60-min	0.583 (0.509-0.672)	0.753 (0.657-0.870)	1.02 (0.886-1.18)	1.24 (1.07-1.43)	1.55 (1.32-1.79)	1.80 (1.52-2.09)	2.08 (1.73-2.44)	2.39 (1.94-2.82)	2.82 (2.24-3.40)	3.20 (2.48-3.91)
2-hr	0.682 (0.601-0.779)	0.871 (0.767-1.00)	1.16 (1.02-1.33)	1.40 (1.22-1.60)	1.74 (1.50-2.00)	2.03 (1.72-2.34)	2.35 (1.96-2.72)	2.69 (2.20-3.15)	3.18 (2.54-3.80)	3.60 (2.80-4.36)
3-hr	0.740 (0.656-0.842)	0.935 (0.830-1.06)	1.22 (1.08-1.39)	1.46 (1.28-1.66)	1.80 (1.56-2.05)	2.08 (1.78-2.38)	2.40 (2.02-2.76)	2.74 (2.27-3.18)	3.24 (2.61-3.81)	3.65 (2.89-4.36)
6-hr	0.862 (0.770-0.973)	1.08 (0.970-1.22)	1.38 (1.23-1.56)	1.64 (1.45-1.84)	2.01 (1.75-2.26)	2.32 (1.99-2.62)	2.65 (2.24-3.02)	3.01 (2.51-3.47)	3.53 (2.86-4.13)	3.96 (3.12-4.69)
12-hr	1.00 (0.901-1.11)	1.25 (1.12-1.39)	1.56 (1.40-1.74)	1.83 (1.63-2.04)	2.22 (1.96-2.47)	2.53 (2.21-2.84)	2.87 (2.47-3.23)	3.23 (2.74-3.67)	3.75 (3.11-4.32)	4.17 (3.40-4.87)
24-hr	1.11 (1.03-1.21)	1.38 (1.28-1.51)	1.72 (1.59-1.87)	2.00 (1.85-2.16)	2.38 (2.20-2.58)	2.69 (2.47-2.91)	3.01 (2.75-3.25)	3.34 (3.04-3.71)	3.80 (3.42-4.36)	4.22 (3.71-4.92)
2-day	1.26 (1.17-1.36)	1.56 (1.45-1.68)	1.92 (1.79-2.06)	2.21 (2.06-2.38)	2.61 (2.42-2.80)	2.93 (2.71-3.14)	3.26 (3.00-3.49)	3.59 (3.29-3.86)	4.05 (3.68-4.40)	4.40 (3.98-4.97)
3-day	1.36 (1.27-1.47)	1.69 (1.58-1.82)	2.08 (1.94-2.24)	2.40 (2.23-2.57)	2.83 (2.62-3.03)	3.17 (2.93-3.39)	3.52 (3.24-3.76)	3.88 (3.55-4.15)	4.36 (3.97-4.70)	4.74 (4.29-5.21)
4-day	1.47 (1.37-1.58)	1.82 (1.70-1.97)	2.24 (2.09-2.41)	2.58 (2.40-2.77)	3.05 (2.82-3.26)	3.41 (3.15-3.64)	3.78 (3.48-4.04)	4.16 (3.82-4.45)	4.68 (4.25-5.01)	5.08 (4.59-5.44)
7-day	1.76 (1.64-1.89)	2.17 (2.03-2.34)	2.65 (2.47-2.84)	3.02 (2.82-3.24)	3.52 (3.28-3.78)	3.91 (3.63-4.19)	4.30 (3.98-4.60)	4.68 (4.33-5.02)	5.19 (4.77-5.57)	5.57 (5.10-5.98)
10-day	2.00 (1.87-2.15)	2.47 (2.31-2.66)	3.00 (2.80-3.22)	3.42 (3.18-3.66)	3.97 (3.69-4.26)	4.39 (4.07-4.71)	4.81 (4.45-5.15)	5.23 (4.82-5.60)	5.77 (5.29-6.19)	6.17 (5.64-6.63)
20-day	2.71 (2.54-2.89)	3.35 (3.14-3.58)	4.04 (3.79-4.31)	4.58 (4.29-4.89)	5.30 (4.96-5.64)	5.84 (5.44-6.21)	6.37 (5.93-6.78)	6.90 (6.40-7.34)	7.58 (6.99-8.07)	8.08 (7.42-8.62)
30-day	3.35 (3.14-3.58)	4.14 (3.88-4.42)	4.96 (4.65-5.28)	5.58 (5.23-5.94)	6.39 (5.98-6.80)	6.97 (6.52-7.42)	7.54 (7.04-8.03)	8.10 (7.53-8.62)	8.78 (8.14-9.36)	9.28 (8.58-9.91)
45-day	4.15 (3.90-4.42)	5.11 (4.81-5.46)	6.08 (5.72-6.48)	6.81 (6.40-7.25)	7.72 (7.26-8.21)	8.37 (7.86-8.90)	9.00 (8.43-9.56)	9.57 (8.96-10.2)	10.3 (9.60-10.9)	10.8 (10.0-11.4)
60-day	4.85 (4.56-5.16)	5.97 (5.62-6.37)	7.07 (6.66-7.54)	7.90 (7.43-8.41)	8.93 (8.40-9.50)	9.66 (9.06-10.3)	10.3 (9.70-11.0)	11.0 (10.3-11.7)	11.8 (11.0-12.5)	12.3 (11.4-13.1)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

Back to Top

PF graphical

Figure 1 - 100-YR 24-Hr Precipitation

Rip rap will be sourced from materials onsite and graded per Table 705-1 of Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects (FP-24) published by US Department of Transportation.

Table 705-1
Gradation Requirements for Riprap[1]

Class	Percent of Rock Equal or Smaller by Count, DX	Range of Intermediate Dimensions, inches[2]	Range of Rock Mass, pounds[3]
1	100	9 to 15	59 to 270
	85	7 to 11	28 to 110
	50	5 to 8	10 to 42
	15	3 to 6	2 to 18
2	100	15 to 21	270 to 750
	85	11 to 15	110 to 270
	50	8 to 11	42 to 110
	15	6 to 8	10 to 42
3	100	21 to 27	750 to 1600
	85	15 to 19	270 to 560
	50	11 to 14	110 to 220
	15	8 to 10	42 to 81
4	100	27 to 33	1600 to 2900
	85	19 to 23	560 to 990
	50	14 to 17	220 to 400
	15	9 to 12	59 to 140
5	100	33 to 39	2900 to 4850
	85	23 to 28	990 to 1800
	50	17 to 20	400 to 650
	15	11 to 15	110 to 270
6	100	39 to 45	4850 to 7400
	85	28 to 32	1800 to 2650
	50	20 to 23	650 to 990
	15	13 to 17	180 to 400
7	100	45 to 54	7400 to 12,800
	85	32 to 38	2650 to 4450
	50	23 to 28	990 to 1800
	15	15 to 20	270 to 650
8	100	54 to 66	12,800 to 23,400
	85	38 to 47	4450 to 8450
	50	28 to 35	1800 to 3500
	15	19 to 25	560 to 250
9	100	66 to 78	23,400 to 38,600
	85	47 to 55	8450 to 13,500
	50	35 to 41	3500 to 5600
	15	22 to 30	870 to 2200
10	100	78 to 90	38,600 to 59,300
	85	55 to 64	13,500 to 21,300
	50	41 to 48	5600 to 9000
	15	26 to 36	1450 to 3800

(1) Gradation includes spalls and rock fragments to provide a stable, dense mass.
(2) The intermediate dimension is the longest straight-line distance across the rock that is perpendicular to the rock's longest axis on the rock face with the largest projection plane.
(3) Rock mass is based on a specific gravity of 2.65 and 85 percent of the cubic volume as calculated using the intermediate dimension.

Figure 2 – Rip Rap Gradation Table

South Hill, West Hill, and North Hill

The three areas of mining at the site will result in depressions remaining after closeout. Any remaining overburden will be deposited in the depressions prior to installation of cover soil.

South Hill

The South Hill has significant mining life left which is estimated to be 20+ years. Proposed mining operations propose the use of 20 foot tall highwalls with 25 foot wide benches for the final graded condition. Mining will continue in a west to south direction. The final layout and grading of the South Hill is represented in Sheets 6 through 6G the closeout plans.

Since the mining operations result in a depressed area of significant depth, the pre-mining conditions cannot be fully restored. The goal of the restoration is to reduce the erosion potential of the affected areas and provide wildlife habitat. The design of the final limits of mining layout accounts for the erosion potential of the underlying material and proposed cover material. Runoff from the South Hill area will drain into the depression to remain after mining operations are completed and the area restored. This will significantly reduce any erosion issues occurring onto adjacent properties since runoff will be captured and controlled within the depression.

The restored conditions of the mining area have been designed to minimize the amount of sedimentation that could occur to reduce the amount of maintenance required in the final conditions. Runoff will be diverted away from the highwalls and through the riprap swale to be constructed adjacent to the maintenance drive. The main swale system running parallel with the maintenance drive has been designed with shallow slopes to minimize erosion potential. The swale will be lined with riprap sized per the 100-year storm event to ensure it has the ability to reduce the velocity or shear stress associated with the design flow and limit erosion.

The largest drainage area to the south hill settling pond has been utilized to size the swale. This equates to 110.6 acres with a peak design rate of 116.4 CFS. The Diversion berms will be strategically placed to ensure runoff does not bypass the settling pond at the bottom of the depression. Access drives will be created along the perimeter of the mining operation for inspection and maintenance work of the restored area.

MONTROSE ENVIRONMENTAL
1140 Valley Forge Road, Phoenixville, PA 19460-2658
(610) 840-9100 - Fax (610) 840-9199

NO AGUA MINE

SWALE SIZING

SHEET 1 OF 2 | DATE: 7/16/2025
BY: RRP | REV: 11/7/2025
CHK'D: DTW

TRAPEZOIDAL DIVERSION/INTERCEPTOR CHANNEL DESIGN

CHANNEL OR CHANNEL SECTION	SOUTH HILL SWALE				
Temporary or Permanent (T or P)	P	P			
Design Storm	100-YR	100-YR			
Drainage Area (AC)	110.60	110.60			
Qr (REQUIRED CAPACITY, CFS)	116.4	116.4			
Q (AT FLOW DEPTH d, CFS)	116.4	116.4			
PROTECTIVE LINING	RIPRAP				
Va (ALLOWABLE VELOCITY, FPS)	14.5	14.5			
V (AT FLOW DEPTH d, FPS)	4.5	13.3			
τa (MAX ALLOWABLE, PSF)	N/A	N/A			
τd (SHEAR STRESS AT d, PSF)	N/A	N/A			
CHANNEL BOTTOM WIDTH (FT)	6	6			
CHANNEL SIDE SLOPES (H:1V)	3	3			
D (TOTAL DEPTH, FT)	2.62	1.96			
CHANNEL TOP WIDTH @ D (FT)	21.74	17.74			
d (FLOW DEPTH IN FEET)	2.10	0.98			
CHANNEL TOP WIDTH @ d (FT)	18.59	11.87			
BOTTOM WIDTH:DEPTH RATIO (12:1 MAX)	2.9	6.1			
d50 STONE SIZE (IN)	11	11			
A (AREA IN SF)	25.8	8.7			
VEGETATIVE LINING RETARDANCE	C	C			
n (MANNING'S COEFFICIENT)	0.040	0.040			
R (HYDRAULIC RADIUS)	1.34	0.72			
S (BED SLOPE, FT/FT)	0.010	0.200			
Sc (CRITICAL SLOPE)	0.022	0.027			
.7Sc	0.015	0.019			
1.3Sc	0.028	0.035			
STABLE FLOW? (Y/N)	Y	N			
FREEBOARD (UNSTABLE FLOW, FT)	N/A	0.97728679			
FREEBOARD (STABLE FLOW, FT)	0.52	N/A			
MINIMUM REQUIRED FREEBOARD, FT	0.52	0.98			
DESIGN METHOD FOR PROTECTIVE LINING PERMISSIBLE VELOCITY (V) OR SHEAR STRESS (S)	V	V			

H:\Imerys Perlite No Agua Mine\WORK DOCUMENTS\SWM\SWALES-SOUTH.xlsx

Figure 3 – South Swale Design Calculation

Cover material will be applied to the disturbed areas in accordance with the results of the ongoing test plot program and the approved vegetation applied which will reduce the erosion potential by stabilizing the surface materials. The test plots are based upon the approved March 25, 2026 Test Plot Program prepared by Montrose Environmental.

West Hill

The West Hill contains the ongoing test plot areas. Diversion berms and channels will be installed to ensure the test plots are not impacted by restoration activities. West Hill restoration will consist of placing any excess overburden from the site along the western wall to help bustress the existing slope and reduce erosion issues of this slope. The western wall is subject to localized erosion but is stable in its current condition. The upper portions of the wall with localized erosion issues could be stabilized with meshing and shotcrete.

Runoff from the West Hill area will drain into the depression to be maintained as a settling pond once the area is restored. The three access drives will be subject to restoration in accordance with the Maintenance Drive Restoration detail. The center portion of the West Hill will be graded at a 3:1 slope with benches. This area will tie into the existing northern highwalls. The remainder of the site consists of either stable highwalls or slopes less than 3 to 1 slopes. The highwalls will be left in place while the remainder of the area will be stabilized with cover material and vegetated. Runoff will be diverted away from the highwalls and through the riprap swale to be constructed adjacent to the maintenance drive.

Cover material will be applied to the disturbed areas in accordance with the results of the ongoing test plot program and the approved vegetation applied which will reduce the erosion potential by stabilizing the surface materials. The test plots are based upon the approved March 25, 2026 Test Plot Program prepared by Montrose Environmental.

North Hill

A Site Stabilization Plan has been prepared to address the erosion potential of the current site layout. The eastern access drive will be converted to a riprap channel with check dams and plunge pool designed to reduce erosion and stabilize the eroded access drive. In addition, eight low areas will be converted to settling ponds to limit the erosion potential of the mining activities from the North Hill. The Site Stabilization Plans are located in the closeout plan set on Sheets 10 through 10F.

The closeout plan for the North Hill consists of the stabilization of the two pit areas. The pits will be graded at a 3 to 1 slope with interslope berms every 200 feet. The interslope berms have been designed to also act as the access drives for the area. Pit A will contain two settling ponds in the bottom of the pit. An access drive at a maximum slope of 10% will be created to access the bottom of the pit from the northern perimeter drive. Pit B will contain one settling pond.

Cover material will be applied to the disturbed areas in accordance with the results of the ongoing test plot program and the approved vegetation applied which will reduce the erosion potential by

stabilizing the surface materials. The test plots are based upon the approved March 25, 2026 Test Plot Program prepared by Montrose Environmental.

Fines Dump

The fines dump area is located southeast of the North Hill adjacent to the East Hill. The fines dump consists of fine material mixed with layers of overburden to provide stability and reduce erosion. The stability report indicates the material can be stockpiled up to 160 feet tall and at slopes of 3:1 or shallower. A minimum one foot of reclamation cover material from the south stockpile will be placed and spread over the fines dump using dozers. The slope will be recontoured as shown on the closeout plans.

After application of a minimum of one foot of reclamation cover material, the flat eastern portion of the fines dump will be regraded to achieve a minimum 2% grade to direct stormwater towards the south slopes and sediment pond as shown on the closeout plans. To minimize erosion potential from long reclaimed slopes, interbenches will be provided at 200 foot intervals. The goal is to provide an erosion resistant final condition similar to the surrounding natural conditions that have not been impacted by mining.

The slope along the south side of the fines dump access drive will be regarded to 3:1 slope or shallower with interbenches at 200 foot intervals. A fines channel will be constructed along the western portion of this slope to convey runoff to a settling pond. The interbenches drain into plunge pools and either drain directly into the settling pond, or into the fines channel. The final graded condition is shown on Sheet 5 while a detail of the berm is shown on Sheet 11.

The Fines Area outfall captures area that formerly drained to three separate ephemeral streams that drain into the Cerrito Negro watershed. One ephemeral stream drains north between the north and east hills before turning to the east. The second ephemeral stream drains southwest between the south and east hills before turning east. The third ephemeral stream drains south along the west side of the east hill before combining with the second ephemeral stream and turning east.

The closeout plan will revise the drainage patterns to collect and treat runoff in one stormwater control sediment pond to the south of the fines area. Rip rap channel and interbenches will be installed to convey runoff to the settling pond. The settling pond will discharge to the second ephemeral stream described above which is shown in Sheet 5.

A schematic of the stormwater control sediment pond is shown in Sheet 5. Schematics of the rip rap channel are shown in sheet 11.

The haul road to the fines dump will continue to be utilized as a maintenance drive in accordance with the access drives section.

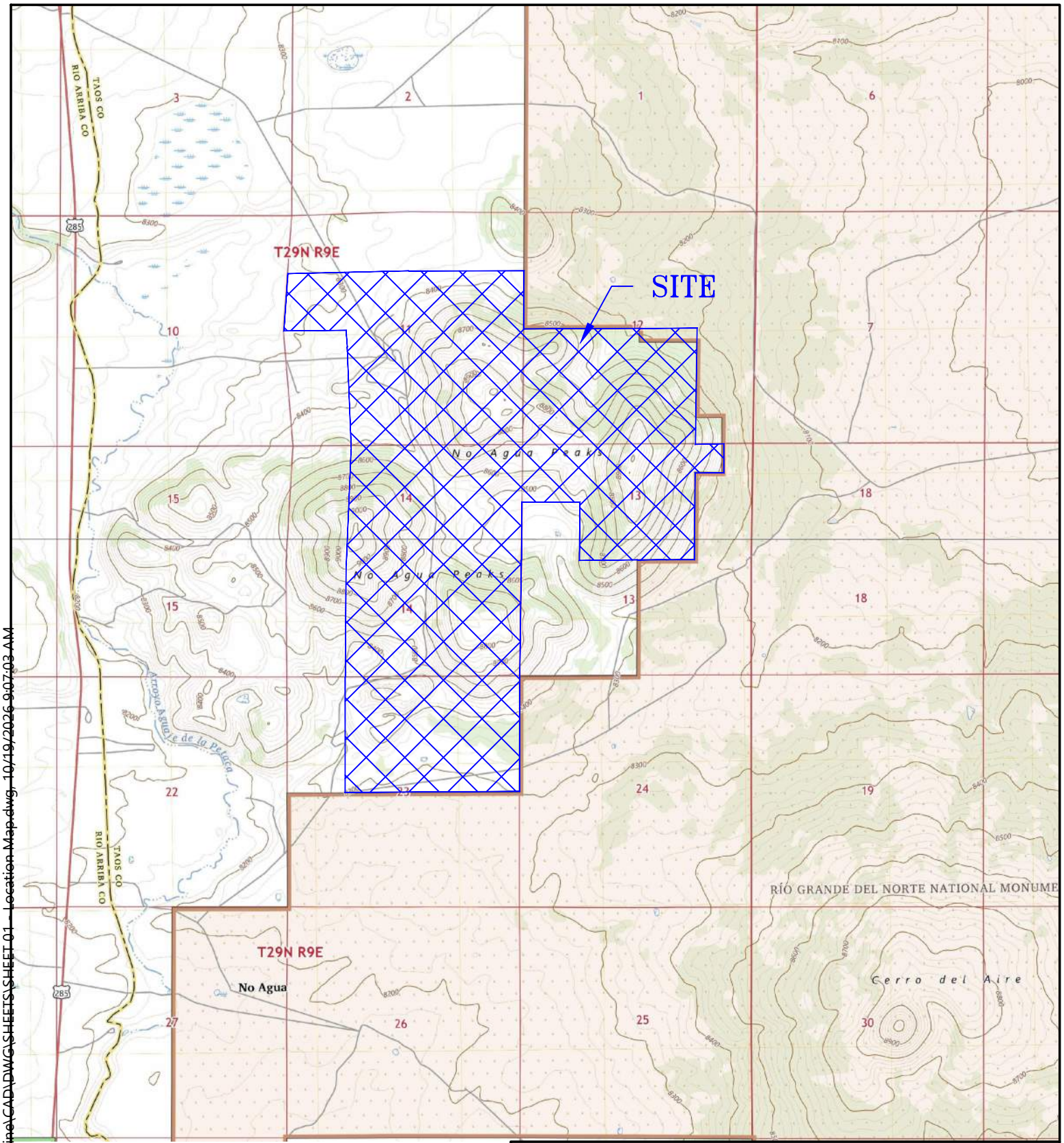
Cover material will be applied to the disturbed areas in accordance with the results of the ongoing test plot program and the approved vegetation applied which will reduce the erosion potential by

stabilizing the surface materials. The test plots are based upon the approved March 25, 2026 Test Plot Program prepared by Montrose Environmental.

Soil Cover Placement

Once the project has been graded to its permanent condition, soil cover material will be placed over all exposed areas except for highwalls, riprap swales, maintenance drives, and steeply graded rock faces.

The ongoing test plot program will be the basis for the soil cover placement along with the proposed seed mix. The test plot program will set the minimum soil cover depth, seed mixture, and application amount of the seed mixture.



H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 01 - Location Map.dwg, 10/19/2026 9:07:03 AM

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN SUITE 320 FERNLEY, NEW MEXICO 89408
PERLITE, TAOS COUNTY

LOCATION MAP

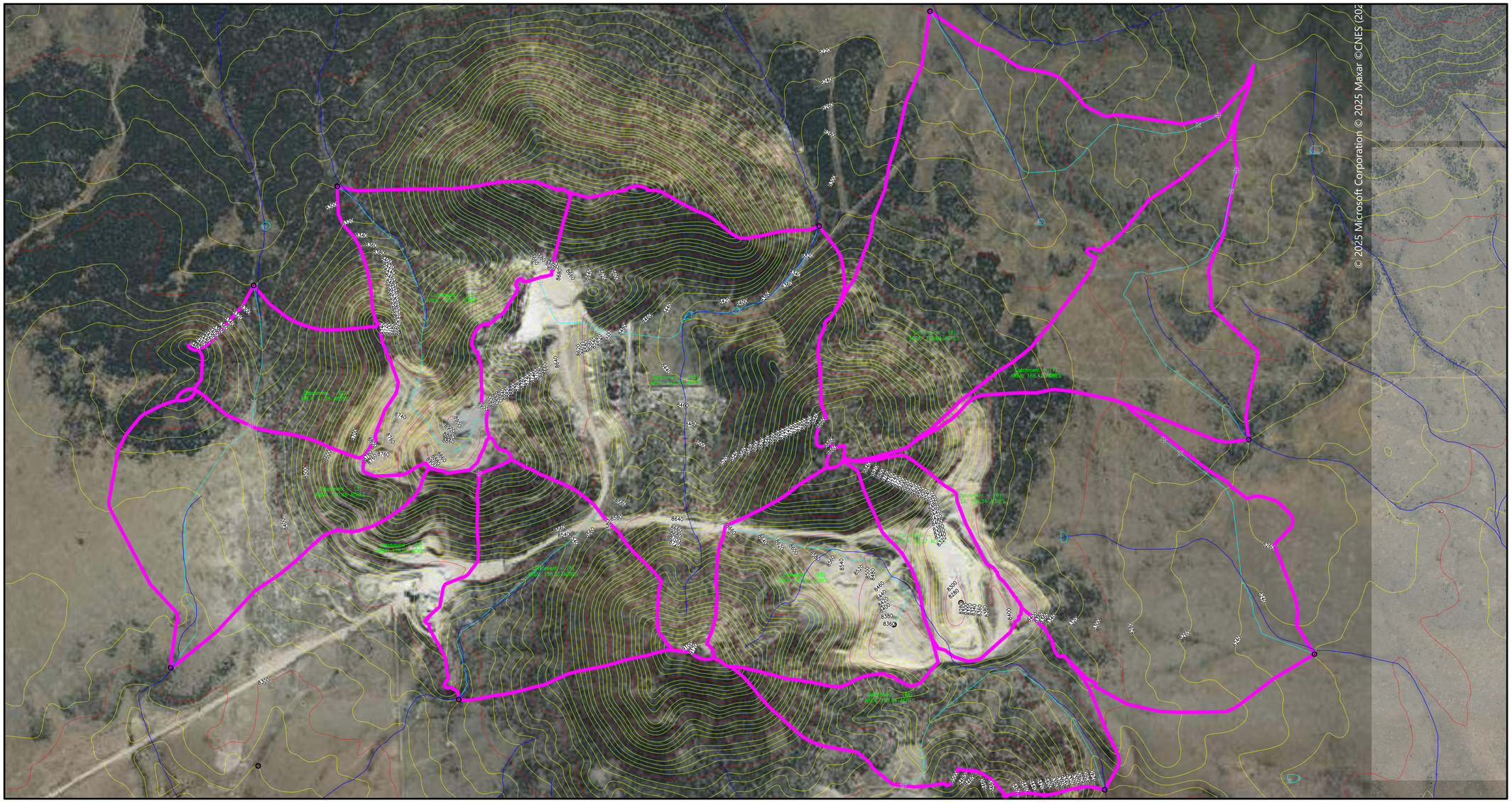
0 1500 3000 6000

1 INCH = 3000 FT

Onterris™
1140 VALLEY FORGE ROAD
PHOENIXVILLE, PENNSYLVANIA 19460
T: 610.840.9100 F: 610.840.9199 ONTERRIS.COM

Scale:	1" = 3000'
Drawn By:	KHF
Checked By:	RJM
Project Mgr.:	RJM
Originated By:	KHF
Project No.:	.
Drawing Date:	JULY 2025
Sheet No.:	1 OF 31
Revision Number:	0

SHEET 1



60' 0' 30' 60' 120' 240'

SCALE 1"=60'

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

OVERALL DRAINAGE AREA PLAN

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

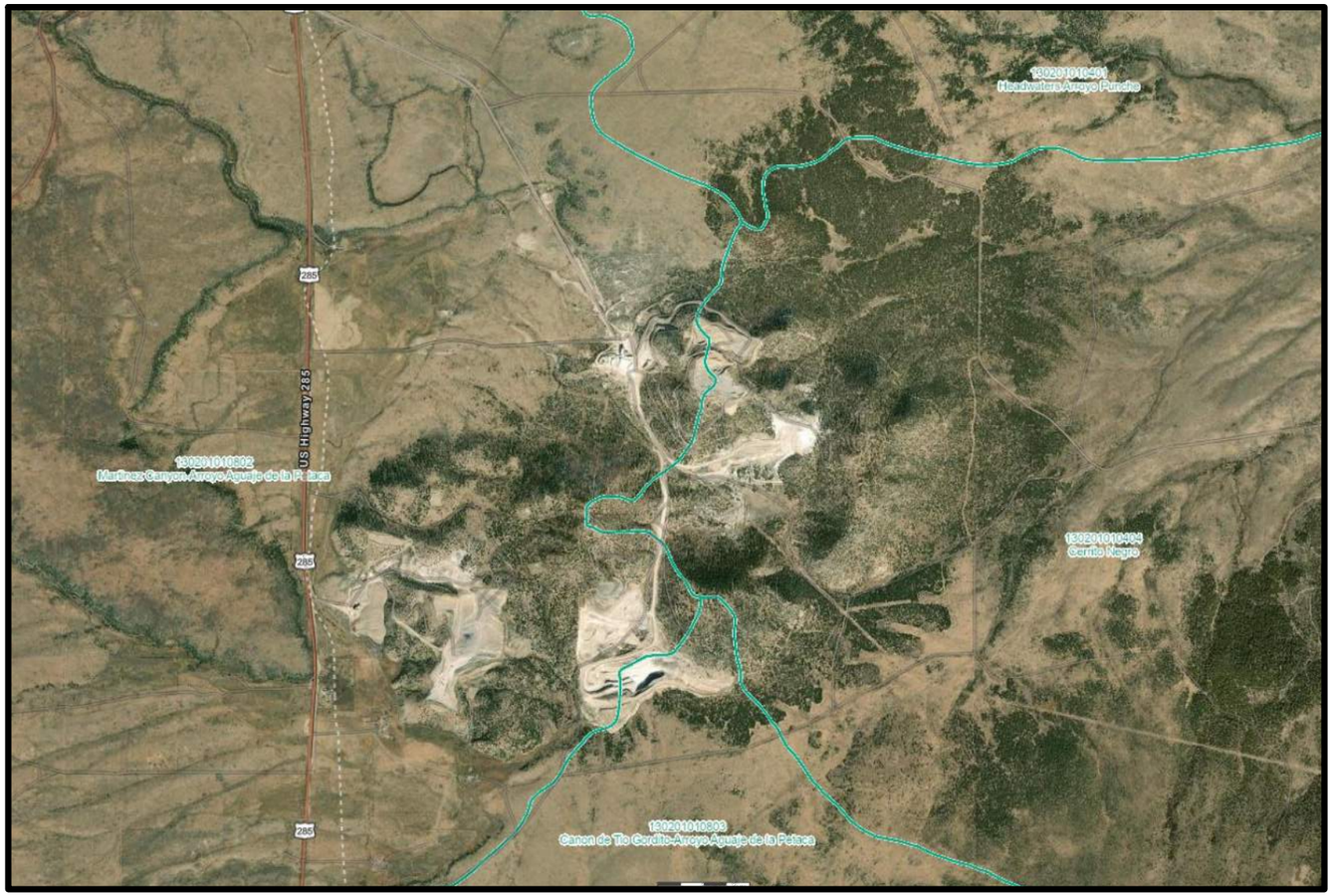
Onterris™

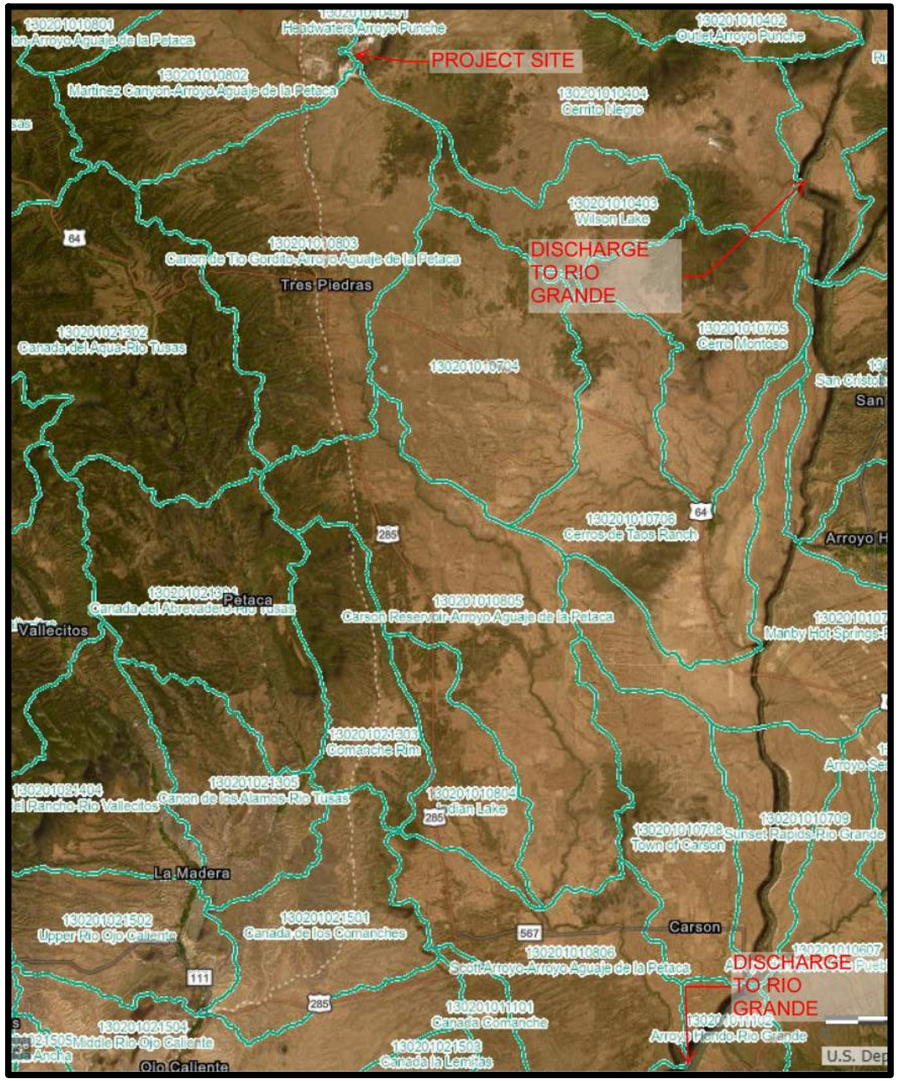
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 600'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	2 OF 31
Revision Number:	0

SHEET 2

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 02 - Overall Drainage Area Plan.dwg, 10/19/2026 9:07:25 AM





IMERYS PERLITE USA, INC - NO AGUA MINE
150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89508
TAOS CO

HUC12 DRAINAGE AREA PLAN

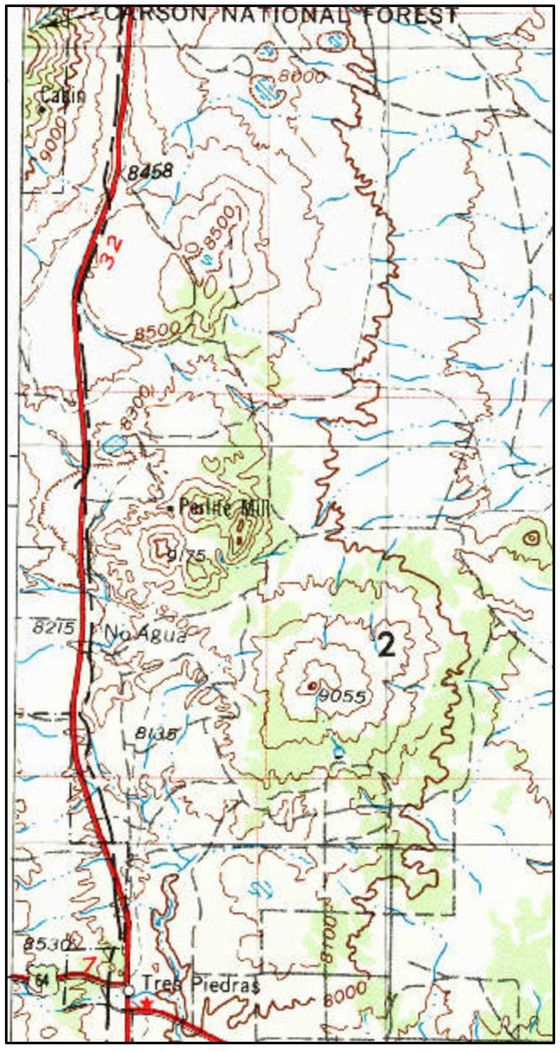
Onterris™

1140 VALLEY FORGE ROAD
PHOENIXVILLE, PENNSYLVANIA 19460
T: 610.840.9100 F: 610.840.9199 ONTERRIS.COM

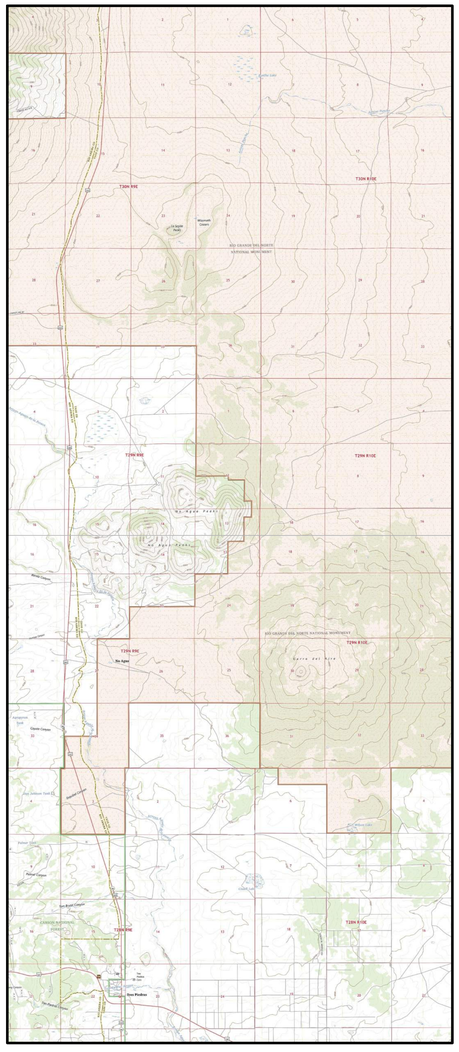
Scale:	NTS
Drawn By:	KHF
Checked By:	
Project Mgr.:	RJM
Originated By:	
Project No.:	
Drawing Date:	
Sheet No.:	3 OF 31
Revision Number:	0

SHEET 3

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 03 - Drainage Area Plan.dwg, 10/19/2026 9:07:35 AM



1954 USGS TOPO
SCALE 1"=5,000'



2023 USGS TOPO
SCALE 1"=5,000'

5000 0 2500 5000 10000 20000
1 INCH = 5000 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE
150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408
TAOS COUNTY

TOPOGRAPHIC COMPARISON PLAN

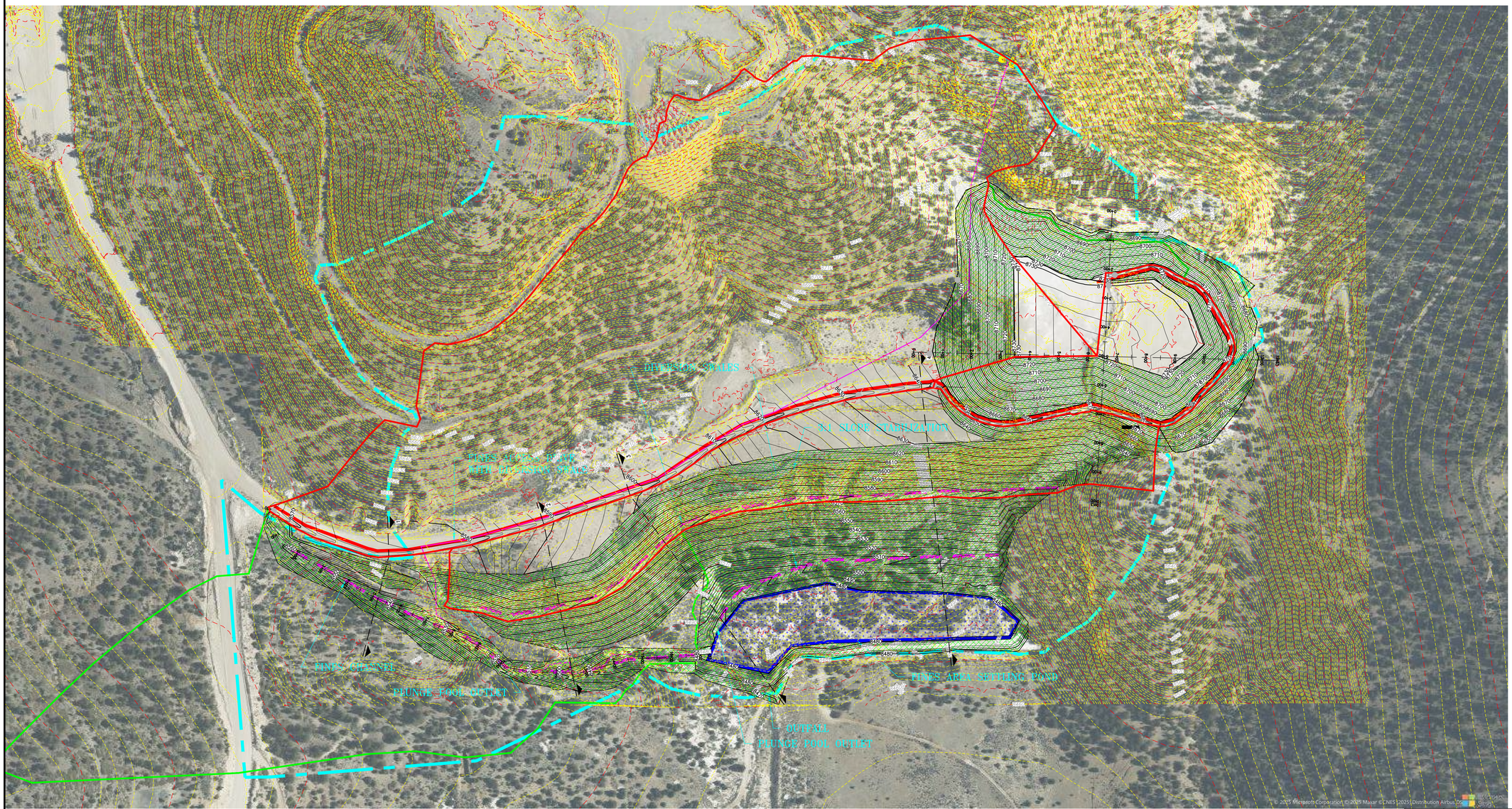
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
8100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 5,000'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	4 OF 31
Revision Number:	0

SHEET 4

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 04 - Topographic Comparison Plan.dwg, 10/19/2026 9:07:47 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

150 0 75 150 300 600

1 INCH = 150 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

FINES AREA CLOSEOUT PLAN

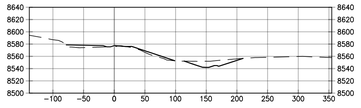
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

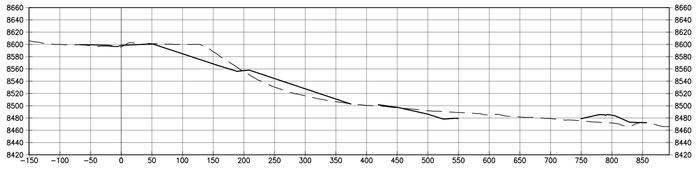
Scale:	1" = 150'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	5 OF 31
Revision Number:	0

SHEET 5

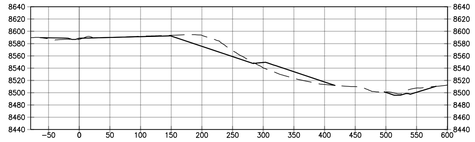
H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 05 - Fines Area Closeout Plan.dwg, 10/19/2025 9:09:03 AM



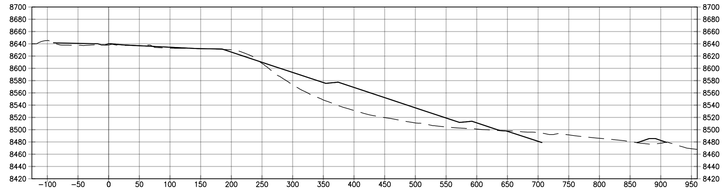
FINES ACCESS ROAD 1 SECTION



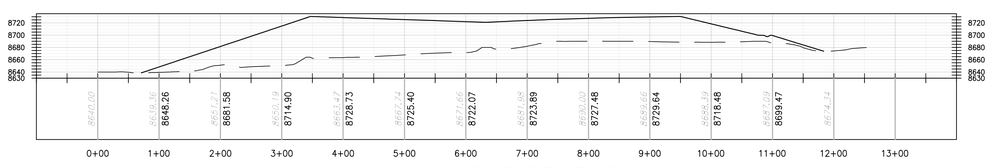
FINES ACCESS ROAD 3 SECTION



FINES ACCESS ROAD 2 SECTION

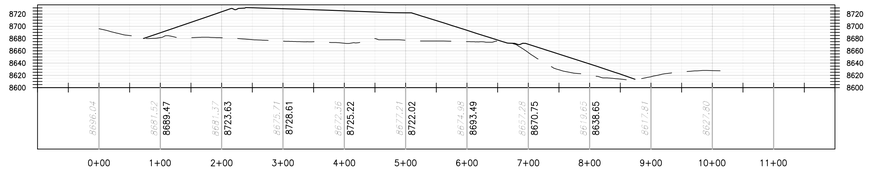


FINES ACCESS ROAD 4 SECTION



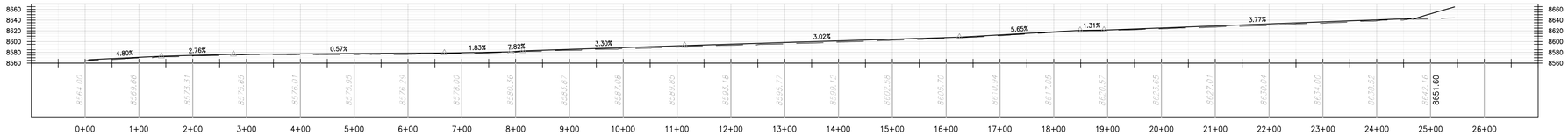
FINES DUMP WEST TO EAST

SCALE: 1"=100' HOR
1"=10' VERT



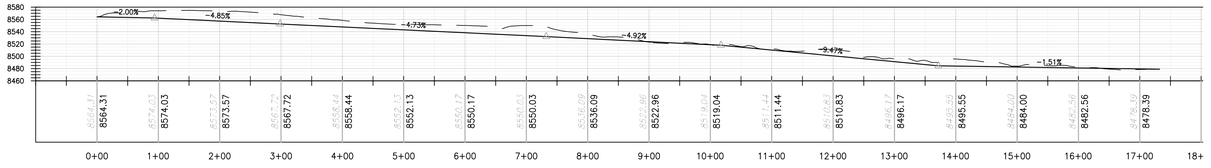
FINES DUMP NORTH TO SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



FINES ACCESS ROAD

SCALE: 1"=100' HOR
1"=10' VERT



FINES CHANNEL

SCALE: 1"=100' HOR
1"=10' VERT

100 0 50 100 200 400

1 INCH = 100 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

FINES AREA SECTION VIEWS AND PROFILES

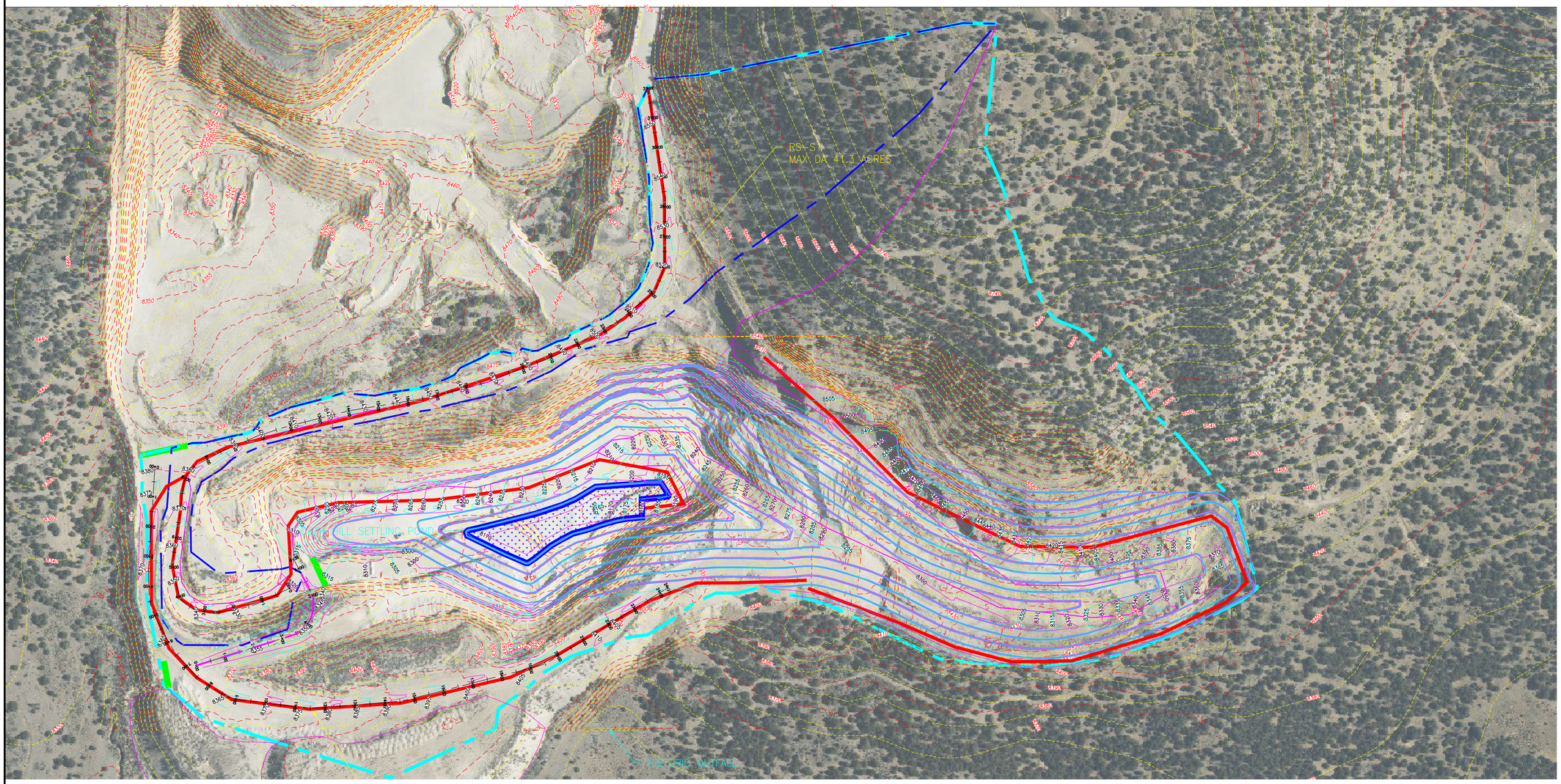
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	6 OF 31
Revision Number:	0

SHEET 5A

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 05 - Fines Area Closeout Plan.dwg, 10/19/2026 9/09:13 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

CLOSEOUT PLAN NARRATIVE

1. SOUTH HILL FINAL GRADING PER GEOLOGY AND SECTION LOCATIONS SOUTH HILL LOM DESIGN PLAN FOUND IN THE APRIL 29, 2025 MEMORANDUM PREPARED BY CALL & NICHOLAS TITLED IMERYS NO AGUA GEOTECHNICAL EVALUATION.
2. ONE FOOT OF COVER SOIL SHALL BE PLACED ON ALL AREAS GRADED AT 3:1 OR FLATTER.
3. DIVERSION BERMS SHALL BE PLACED AS SHOWN ON THE PLAN TO CONTROL RUNOFF AND CONVEY IT TO THE SETTLING POND IN A SAVE AND NON-EROSIVE MANNER. DIVERSION BERMS SHALL BE INSTALLER PER THE DIVERSION BERM DETAIL.
4. ACCESS DRIVES SHALL BE GRADED AS SHOWN ON THE MAINTENANCE DRIVE RESTORATION DETAIL. ENSURE ALL RUNOFF ALONG ACCESS DRIVES DRAINS INTO THE SETTLING POND
5. IF ANY UNSTABLE AREAS ARE ENCOUNTERED ALONG THE HIGHWALLS, THEY SHALL BE REGRADED IN ACCORDANCE WITH THE 3:1 RECONTOURING DETAIL OR IN ACCORDANCE WITH A GEOLOGIST OR GEOTECHINCAL ENGINEERS INPUT

150 0 75 150 300 600

1 INCH = 150 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT PLAN

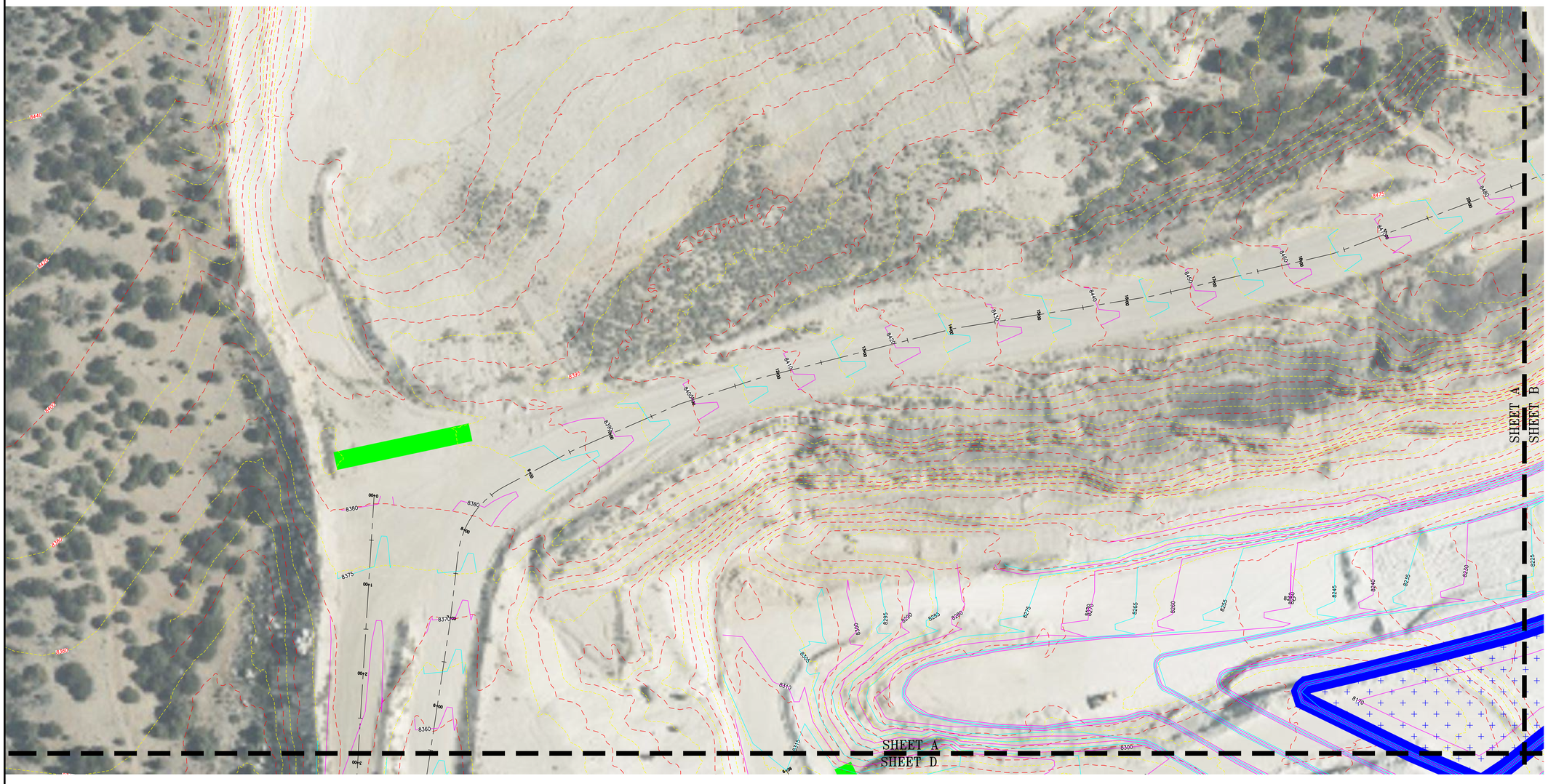
ROBERT JOSEPH MAY — NEW MEXICO — 28534 — PROFESSIONAL ENGINEER

Onterris™
8100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 150'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	7 OF 31
Revision Number:	0

SHEET 6

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:09:59 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

CLOSEOUT PLAN NARRATIVE

1. SOUTH HILL FINAL GRADING PER GEOLOGY AND SECTION LOCATIONS SOUTH HILL LOM DESIGN PLAN FOUND IN THE APRIL 29, 2025 MEMORANDUM PREPARED BY CALL & NICHOLAS TITLED IMERYS NO AGUA GEOTECHNICAL EVALUATION.
2. ONE FOOT OF COVER SOIL SHALL BE PLACED ON ALL AREAS GRADED AT 3:1 OR FLATTER.
3. DIVERSION BERMS SHALL BE PLACED AS SHOWN ON THE PLAN TO CONTROL RUNOFF AND CONVEY IT TO THE SETTLING POND IN A SAVE AND NON-EROSIVE MANNER. DIVERSION BERMS SHALL BE INSTALLER PER THE DIVERSION BERM DETAIL.
4. ACCESS DRIVES SHALL BE GRADED AS SHOWN ON THE MAINTENANCE DRIVE RESTORATION DETAIL. ENSURE ALL RUNOFF ALONG ACCESS DRIVES DRAINS INTO THE SETTLING POND.
5. IF ANY UNSTABLE AREAS ARE ENCOUNTERED ALONG THE HIGHWALLS, THEY SHALL BE REGRADED IN ACCORDANCE WITH THE 3:1 RECONTOURING DETAIL OR IN ACCORDANCE WITH A GEOLOGIST OR GEOTECHNICAL ENGINEERS INPUT

50 0 25 50 100 200

1 INCH = 50 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT GRADING PLAN A

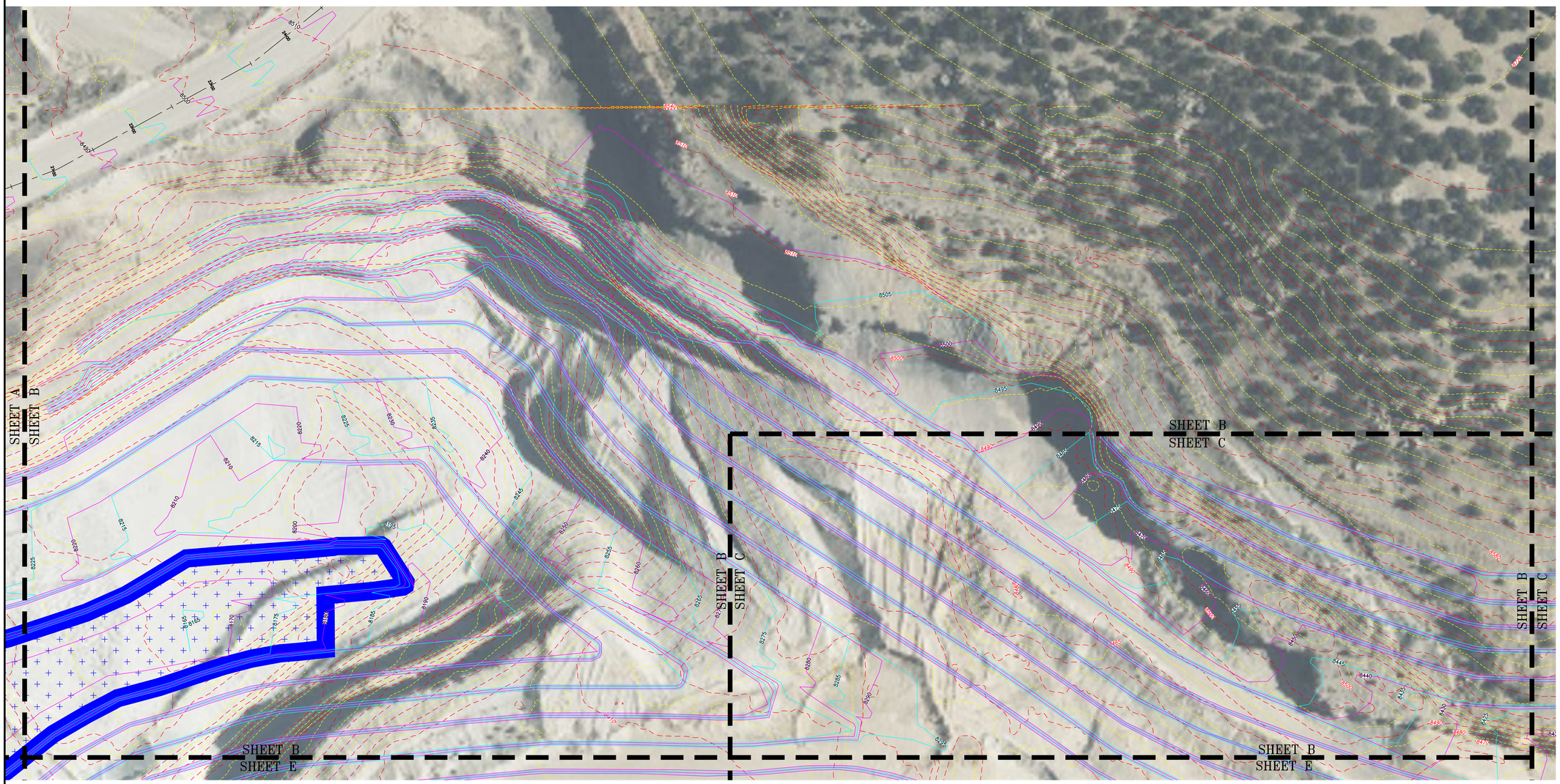
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	8 OF 31
Revision Number:	0

SHEET 6A

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:09:55 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

CLOSEOUT PLAN NARRATIVE

1. SOUTH HILL FINAL GRADING PER GEOLOGY AND SECTION LOCATIONS SOUTH HILL LOM DESIGN PLAN FOUND IN THE APRIL 29, 2025 MEMORANDUM PREPARED BY CALL & NICHOLAS TITLED IMERYS NO AGUA GEOTECHNICAL EVALUATION.
2. ONE FOOT OF COVER SOIL SHALL BE PLACED ON ALL AREAS GRADED AT 3:1 OR FLATTER.
3. DIVERSION BERMS SHALL BE PLACED AS SHOWN ON THE PLAN TO CONTROL RUNOFF AND CONVEY IT TO THE SETTLING POND IN A SAVE AND NON-EROSIVE MANNER. DIVERSION BERMS SHALL BE INSTALLER PER THE DIVERSION BERM DETAIL.
4. ACCESS DRIVES SHALL BE GRADED AS SHOWN ON THE MAINTENANCE DRIVE RESTORATION DETAIL. ENSURE ALL RUNOFF ALONG ACCESS DRIVES DRAINS INTO THE SETTLING POND
5. IF ANY UNSTABLE AREAS ARE ENCOUNTERED ALONG THE HIGHWALLS, THEY SHALL BE REGRADED IN ACCORDANCE WITH THE 3:1 RECONTOURING DETAIL OR IN ACCORDANCE WITH A GEOLOGIST OR GEOTECHNICAL ENGINEERS INPUT

50 0 25 50 100 200

1 INCH = 50 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT GRADING PLAN B

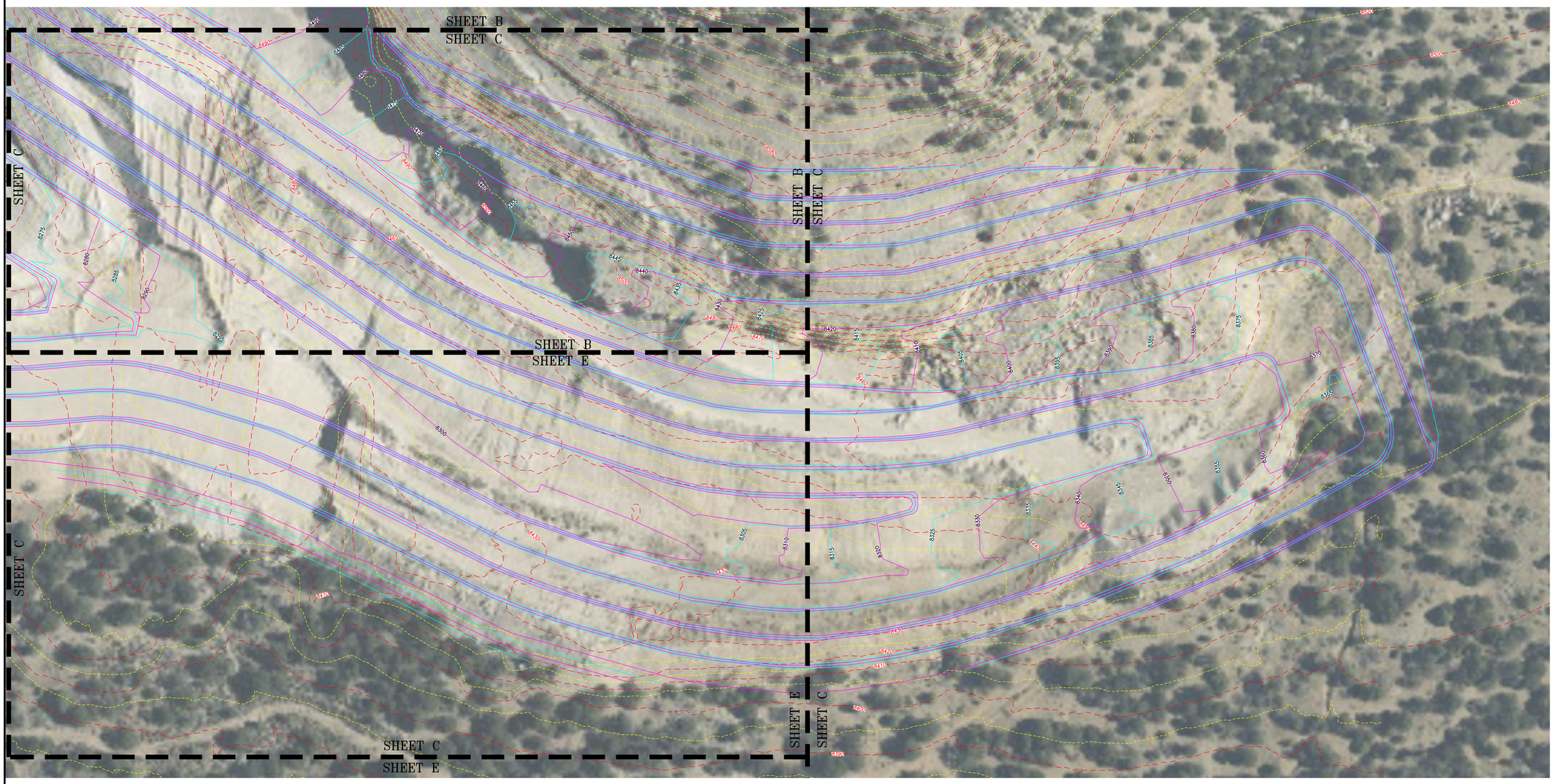
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.	052753
Drawing Date:	2026/06/25
Sheet No.	9 OF 31
Revision Number:	0

SHEET 6B

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:19:00 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

CLOSEOUT PLAN NARRATIVE

1. SOUTH HILL FINAL GRADING PER GEOLOGY AND SECTION LOCATIONS SOUTH HILL LOM DESIGN PLAN FOUND IN THE APRIL 29, 2025 MEMORANDUM PREPARED BY CALL & NICHOLAS TITLED IMERYS NO AGUA GEOTECHNICAL EVALUATION.
2. ONE FOOT OF COVER SOIL SHALL BE PLACED ON ALL AREAS GRADED AT 3:1 OR FLATTER.
3. DIVERSION BERMS SHALL BE PLACED AS SHOWN ON THE PLAN TO CONTROL RUNOFF AND CONVEY IT TO THE SETTLING POND IN A SAVE AND NON-EROSIVE MANNER. DIVERSION BERMS SHALL BE INSTALLED PER THE DIVERSION BERM DETAIL.
4. ACCESS DRIVES SHALL BE GRADED AS SHOWN ON THE MAINTENANCE DRIVE RESTORATION DETAIL. ENSURE ALL RUNOFF ALONG ACCESS DRIVES DRAINS INTO THE SETTLING POND
5. IF ANY UNSTABLE AREAS ARE ENCOUNTERED ALONG THE HIGHWALLS, THEY SHALL BE REGRADED IN ACCORDANCE WITH THE 3:1 RECONTOURING DETAIL OR IN ACCORDANCE WITH A GEOLOGIST OR GEOTECHNICAL ENGINEERS INPUT

50 0 25 50 100 200

1 INCH = 50 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT GRADING PLAN C

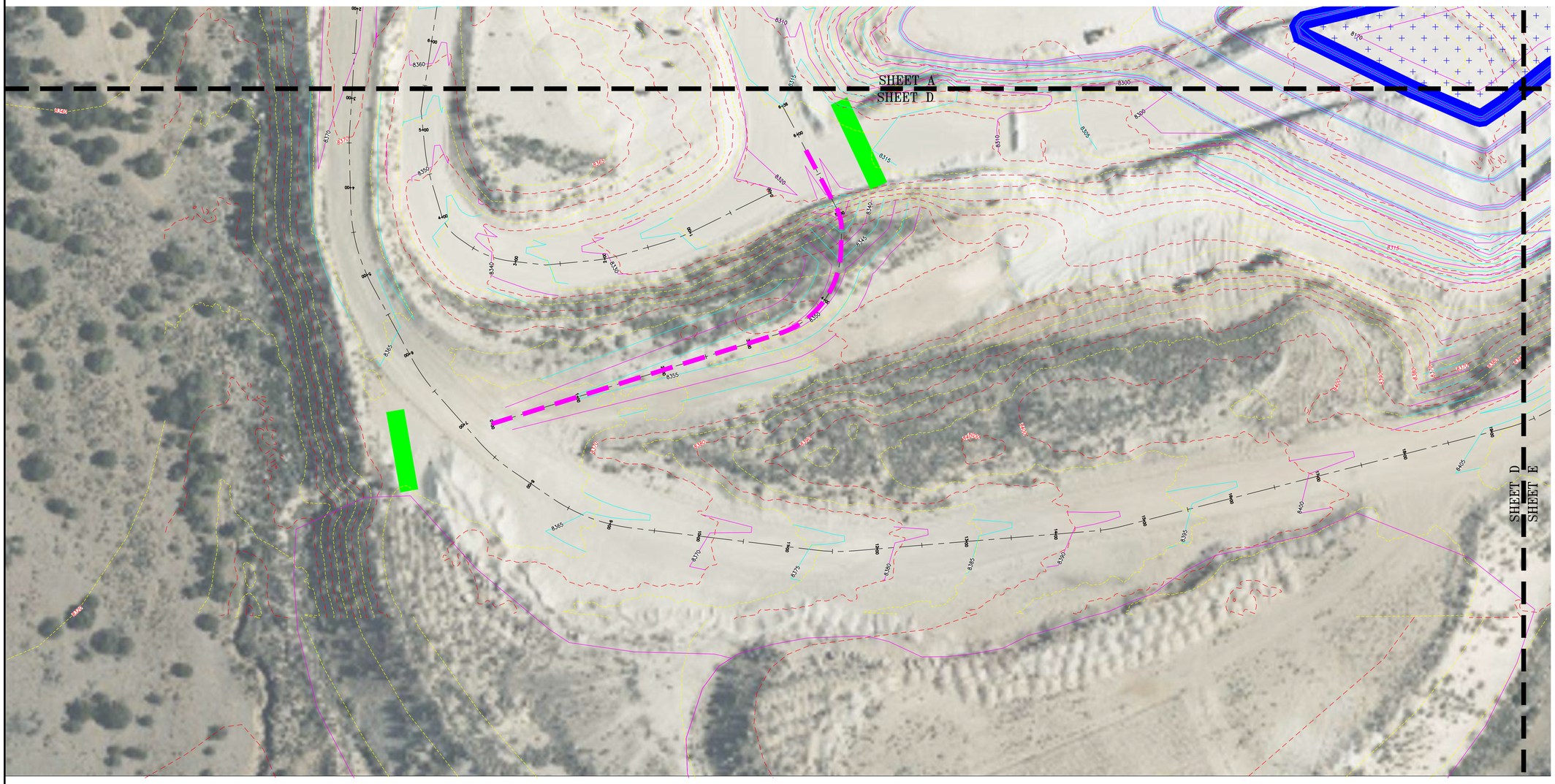
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	10 OF 31
Revision Number:	0

SHEET 6C

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:10:06 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

CLOSEOUT PLAN NARRATIVE

1. SOUTH HILL FINAL GRADING PER GEOLOGY AND SECTION LOCATIONS SOUTH HILL LOM DESIGN PLAN FOUND IN THE APRIL 29, 2025 MEMORANDUM PREPARED BY CALL & NICHOLAS TITLED IMERYS NO AGUA GEOTECHNICAL EVALUATION.
2. ONE FOOT OF COVER SOIL SHALL BE PLACED ON ALL AREAS GRADED AT 3:1 OR FLATTER.
3. DIVERSION BERMS SHALL BE PLACED AS SHOWN ON THE PLAN TO CONTROL RUNOFF AND CONVEY IT TO THE SETTLING POND IN A SAVE AND NON-EROSIVE MANNER. DIVERSION BERMS SHALL BE INSTALLER PER THE DIVERSION BERM DETAIL.
4. ACCESS DRIVES SHALL BE GRADED AS SHOWN ON THE MAINTENANCE DRIVE RESTORATION DETAIL. ENSURE ALL RUNOFF ALONG ACCESS DRIVES DRAINS INTO THE SETTLING POND
5. IF ANY UNSTABLE AREAS ARE ENCOUNTERED ALONG THE HIGHWALLS, THEY SHALL BE REGRADED IN ACCORDANCE WITH THE 3:1 RECONTOURING DETAIL OR IN ACCORDANCE WITH A GEOLOGIST OR GEOTECHINCAL ENGINEERS INPUT

50 0 25 50 100 200

1 INCH = 50 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT GRADING PLAN D

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

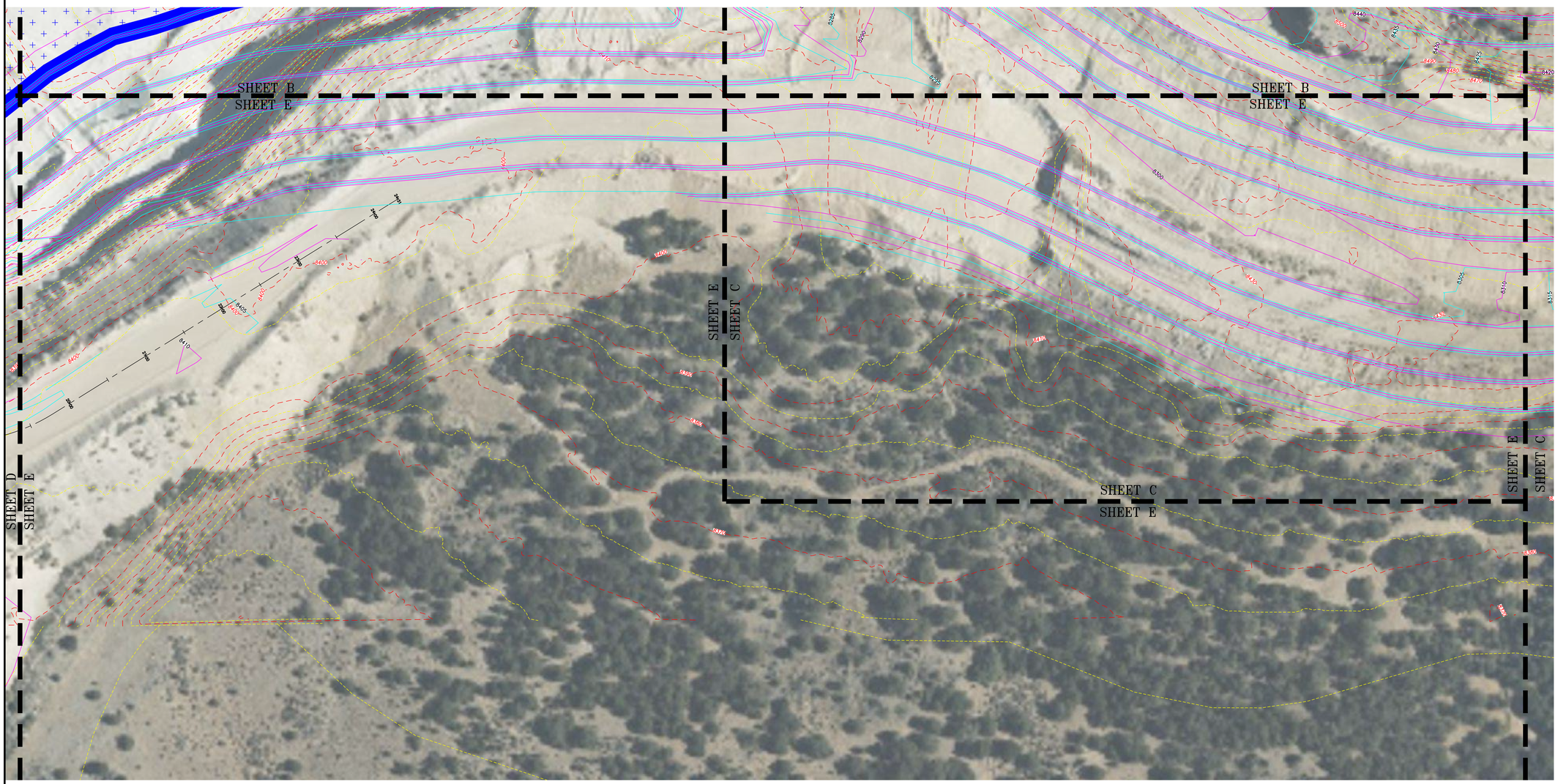
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	11 OF 31
Revision Number:	0

SHEET 6D

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:16:11 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

CLOSEOUT PLAN NARRATIVE

1. SOUTH HILL FINAL GRADING PER GEOLOGY AND SECTION LOCATIONS SOUTH HILL LOM DESIGN PLAN FOUND IN THE APRIL 29, 2025 MEMORANDUM PREPARED BY CALL & NICHOLAS TITLED IMERYS NO AGUA GEOTECHNICAL EVALUATION.
2. ONE FOOT OF COVER SOIL SHALL BE PLACED ON ALL AREAS GRADED AT 3:1 OR FLATTER.
3. DIVERSION BERMS SHALL BE PLACED AS SHOWN ON THE PLAN TO CONTROL RUNOFF AND CONVEY IT TO THE SETTLING POND IN A SAVE AND NON-EROSIVE MANNER. DIVERSION BERMS SHALL BE INSTALLER PER THE DIVERSION BERM DETAIL.
4. ACCESS DRIVES SHALL BE GRADED AS SHOWN ON THE MAINTENANCE DRIVE RESTORATION DETAIL. ENSURE ALL RUNOFF ALONG ACCESS DRIVES DRAINS INTO THE SETTLING POND
5. IF ANY UNSTABLE AREAS ARE ENCOUNTERED ALONG THE HIGHWALLS, THEY SHALL BE REGRADED IN ACCORDANCE WITH THE 3:1 RECONTOURING DETAIL OR IN ACCORDANCE WITH A GEOLOGIST OR GEOTECHNICAL ENGINEERS INPUT

50 0 25 50 100 200

1 INCH = 50 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT GRADING PLAN E

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

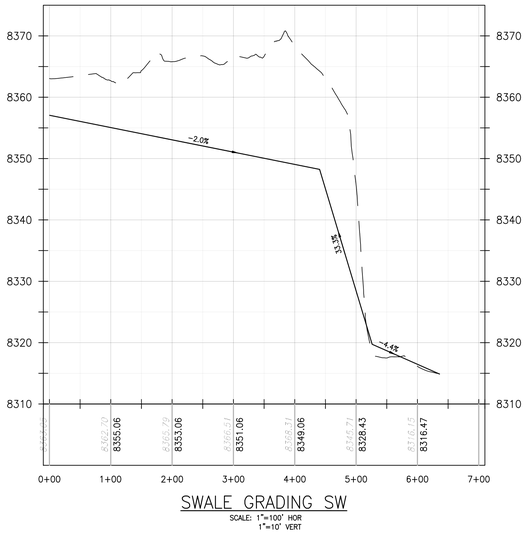
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr:	RM
Originated By:	RRP
Project No:	052753
Drawing Date:	2026/06/25
Sheet No:	12 OF 31
Revision Number:	0

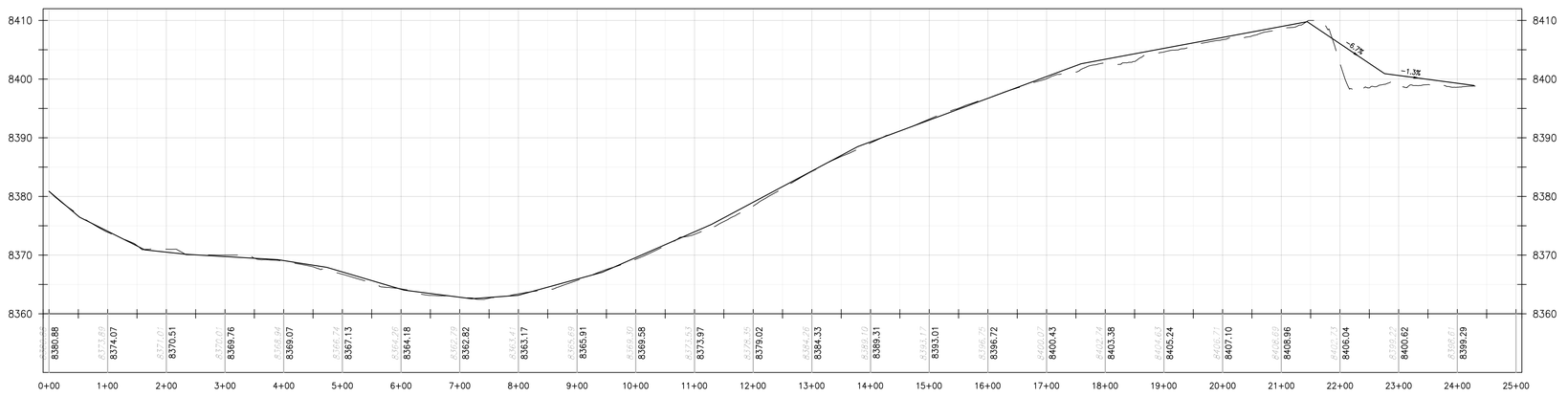
SHEET 6E

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:10:16 AM



SWALE GRADING SW

SCALE: 1"=100' HOR
1"=10' VERT



SOUTHERN ACCESS DRIVE

SCALE: 1"=100' HOR
1"=10' VERT

100 0 50 100 200 400

1 INCH = 100 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT PROFILES

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

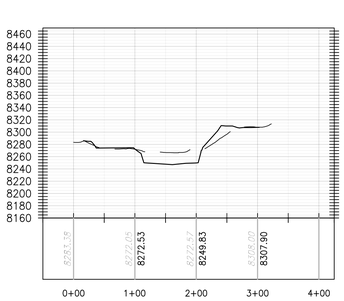
Onterris™

8100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

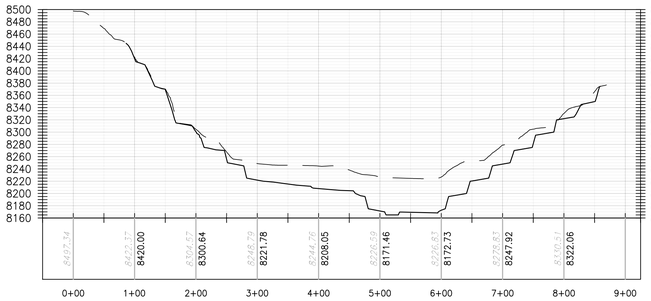
Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	13 OF 31
Revision Number:	0

SHEET 6F

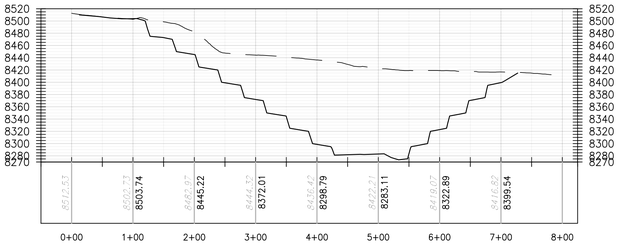
H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 06 - South Hill Closeout Plan.dwg, 10/19/2026 9:10:20 AM



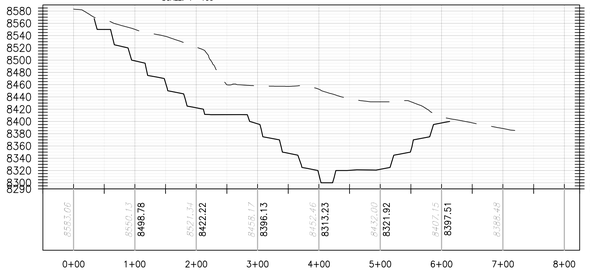
SH-A
SCALE: 1"=100'



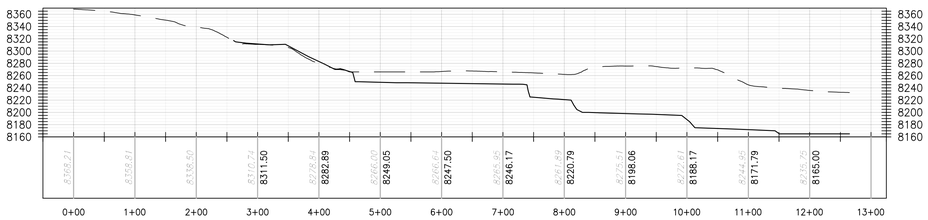
SH-B
SCALE: 1"=100'



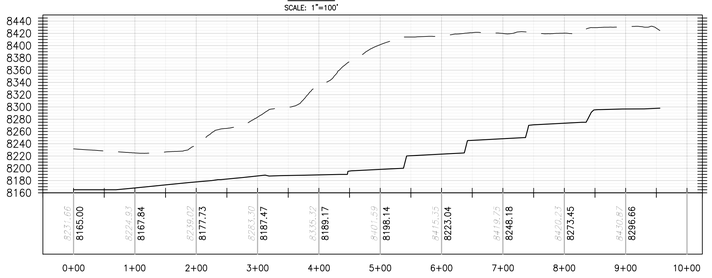
SH-C
SCALE: 1"=100'



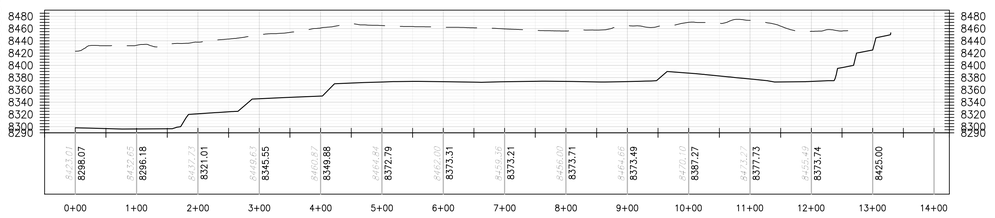
SH-A
SCALE: 1"=100'



SH-B
SCALE: 1"=100'



SH-D
SCALE: 1"=100'



SH-G
SCALE: 1"=100'

SH-E
SCALE: 1"=100'

100 0 50 100 200 400

1 INCH = 100 FT

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 06G - South Hill Closeout SECTIONS.dwg, 10/19/2026 9:10:15 AM

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

SOUTH HILL CLOSEOUT SECTIONS

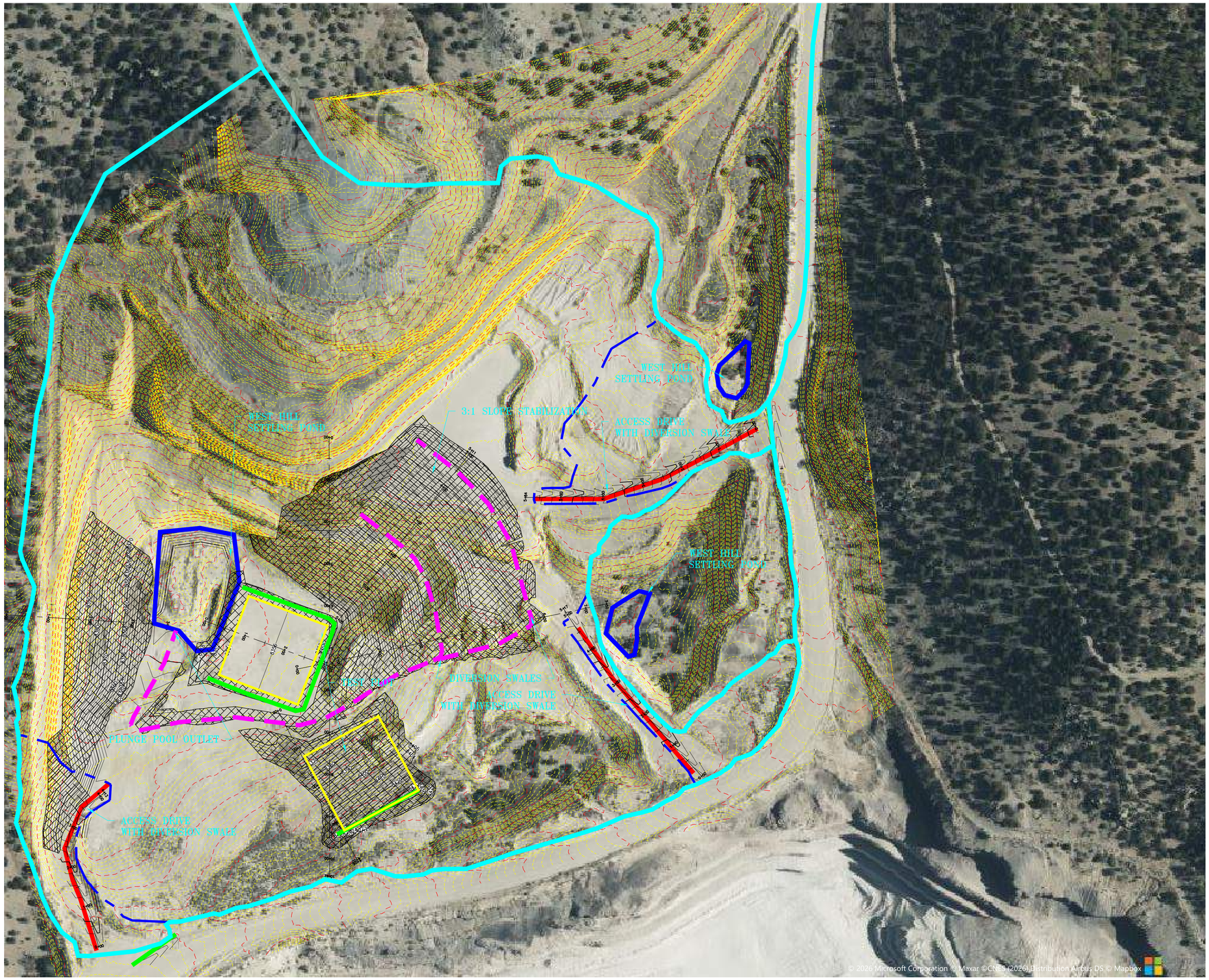
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	14 OF 31
Revision Number:	0

SHEET 6G



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

100 0 50 100 200 400

1 INCH = 100 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

WEST AREA CLOSEOUT PLAN

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

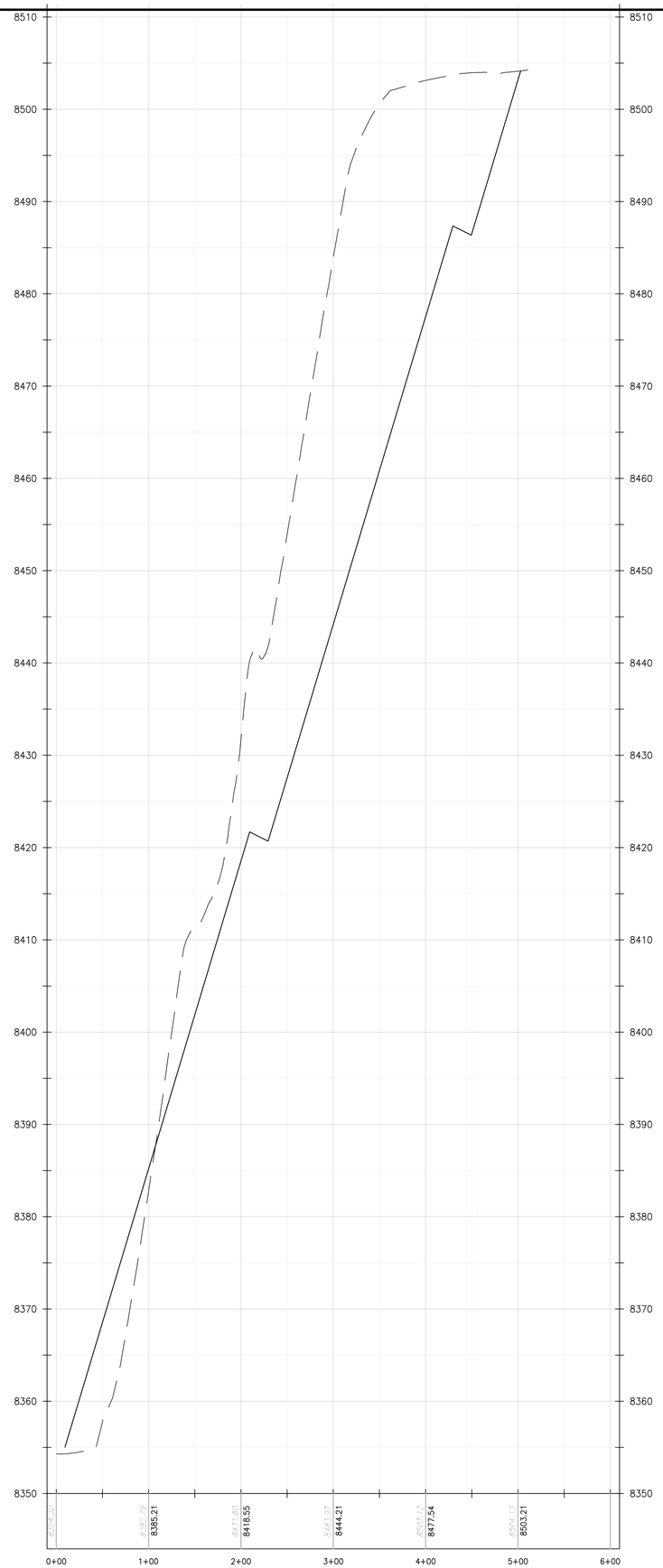
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	15 OF 31
Revision Number:	0

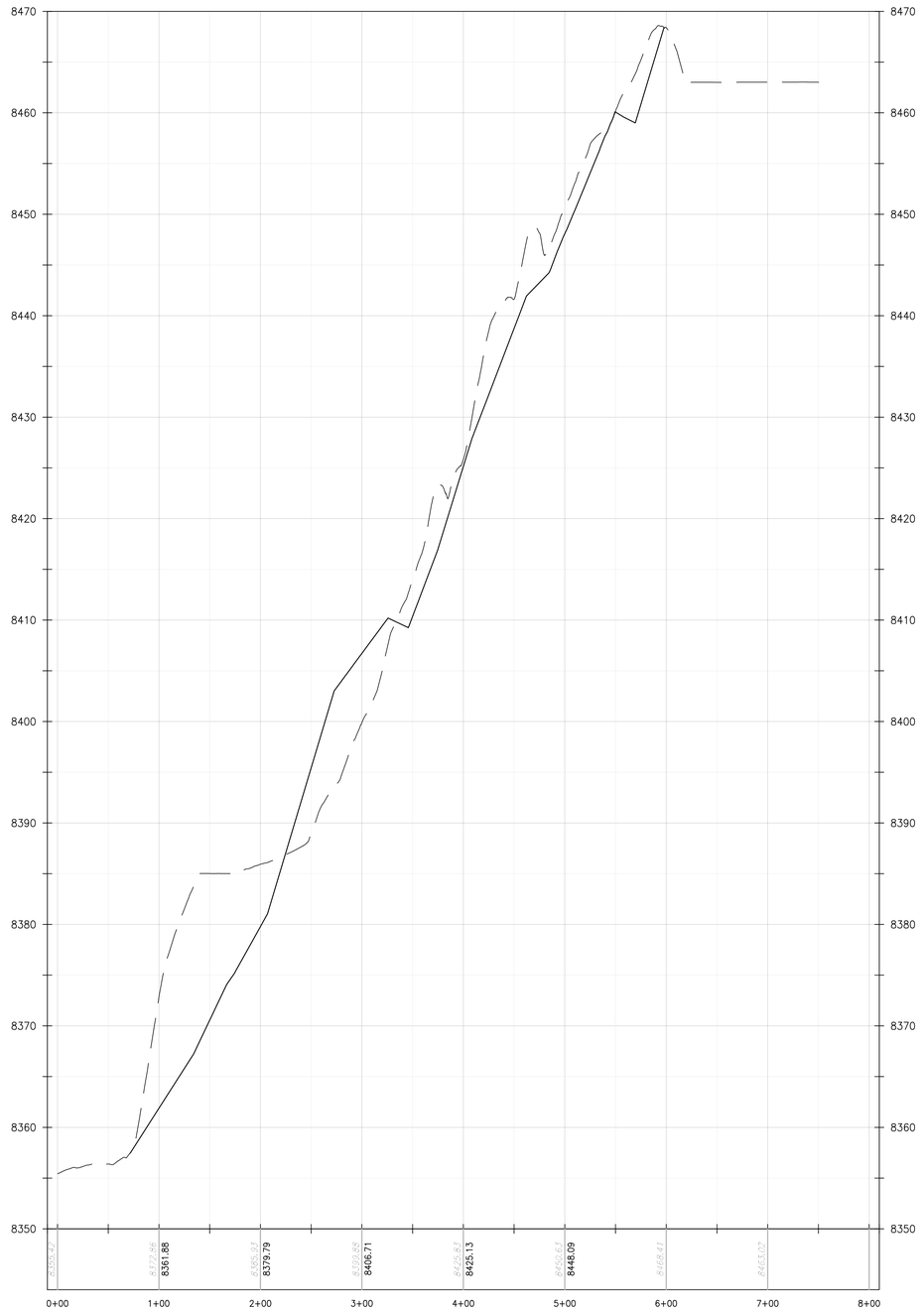
SHEET 7

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 07 - WEST Closeout Plan.dwg, 10/15/2026 9:11:15 AM



WEST SLOPE (1)

SCALE: 1"=60' HOR
1"=6' VERT



WEST SLOPE 2

SCALE: 1"=60' HOR
1"=6' VERT

60 0 30 60 120 240

1 INCH = 60 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

WEST AREA SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

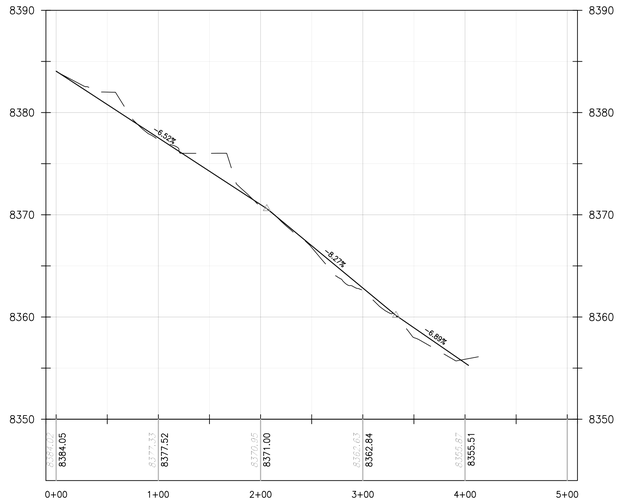
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 60'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	16 OF 31
Revision Number:	0

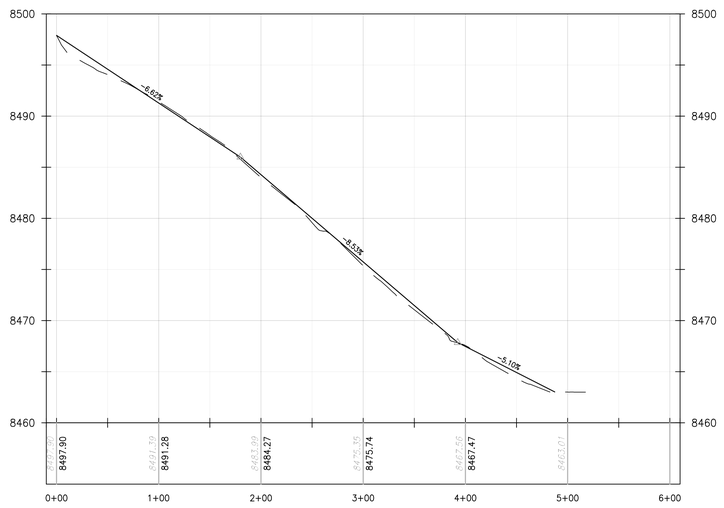
SHEET 7A

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 07 - WEST Closeout Plan.dwg, 10/19/2026 9:11:24 AM



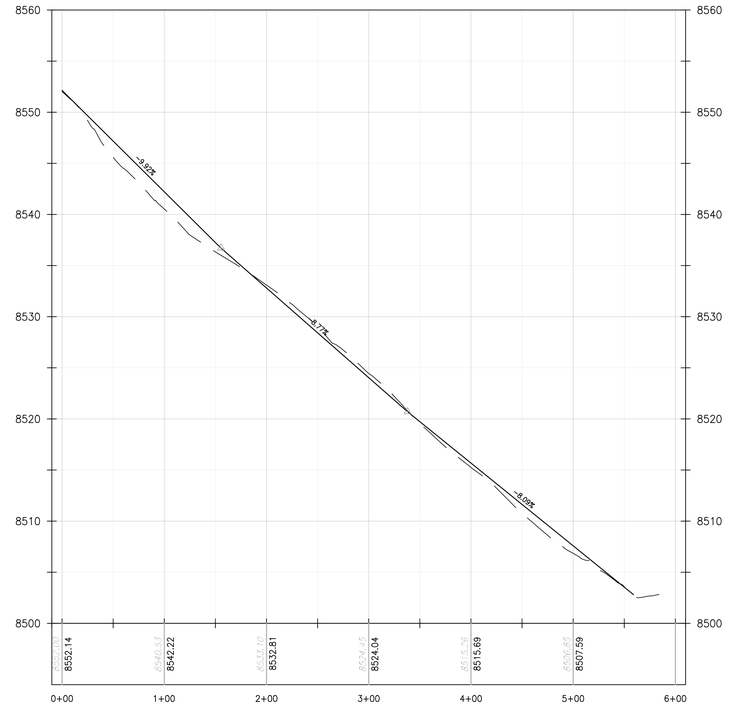
MAINT DRIVE WEST

SCALE: 1"=60' HOR
1"=6' VERT



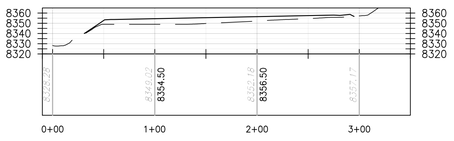
MAINT DRIVE CENTER

SCALE: 1"=60' HOR
1"=6' VERT



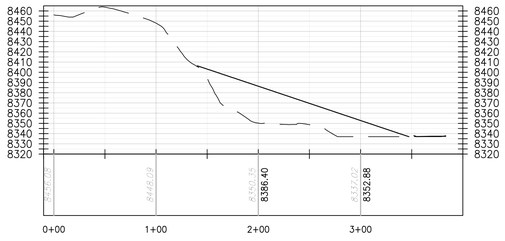
MAINT DRIVE NORTH

SCALE: 1"=60' HOR
1"=6' VERT



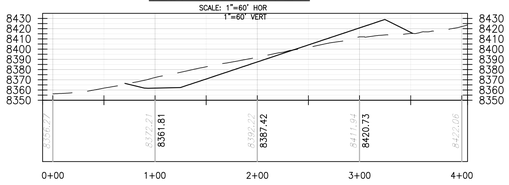
TEST PLOT – FLAT

SCALE: 1"=60' HOR
1"=60' VERT



WEST SLOPE

SCALE: 1"=60' HOR
1"=60' VERT



TEST PLOT – 3 TO 1 SLOPE

SCALE: 1"=60' HOR
1"=60' VERT

60 0 30 60 120 240

1 INCH = 60 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

WEST AREA SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

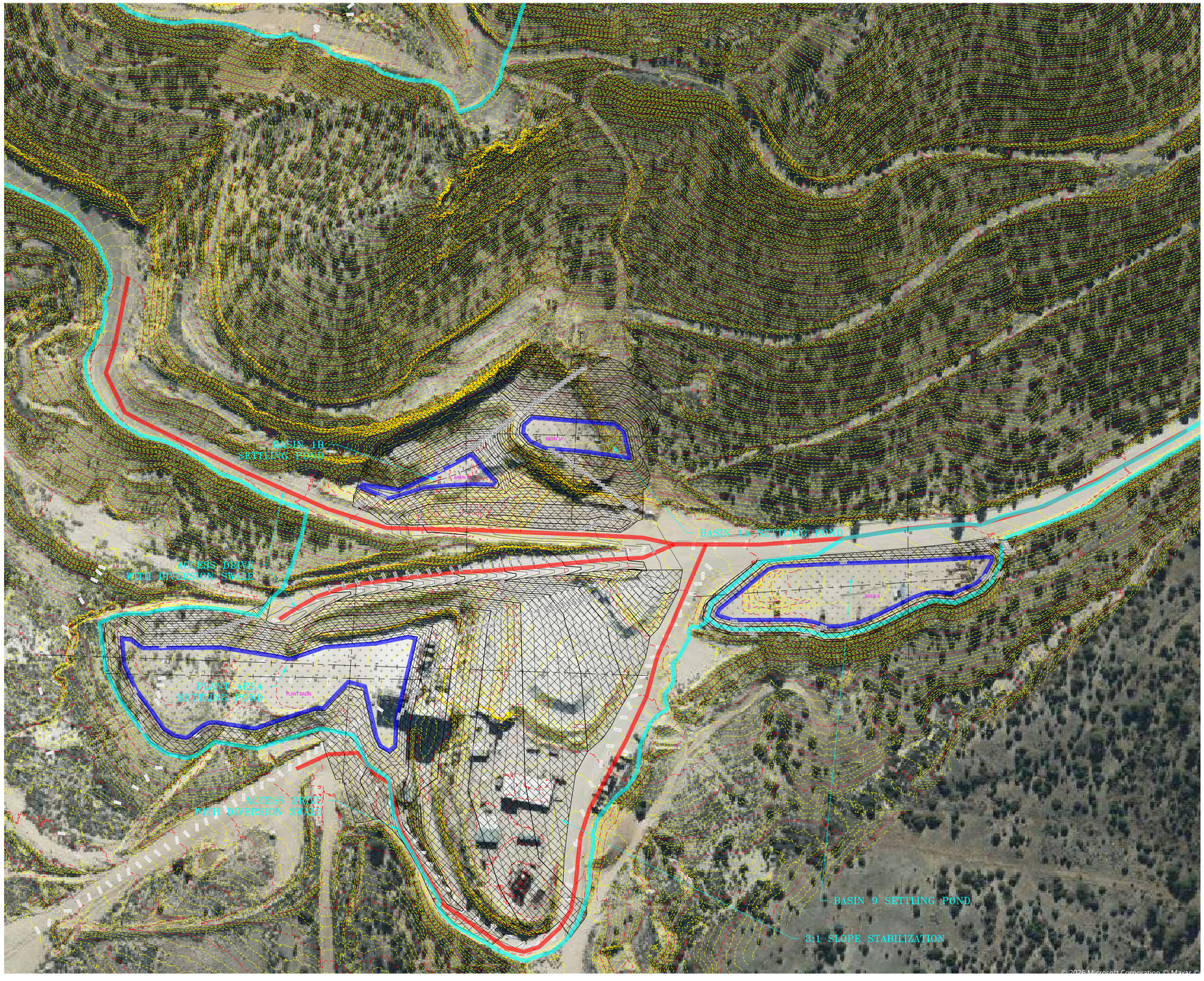
Onterris™

8100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 60'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	17 OF 31
Revision Number:	0

SHEET 7B

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 07 - WEST Closeout Plan.dwg, 10/19/2026 9:11:30 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

100 0 50 100 200 400

1 INCH = 100 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE
150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408
TAOS COUNTY

PLANT AREA CLOSEOUT PLAN

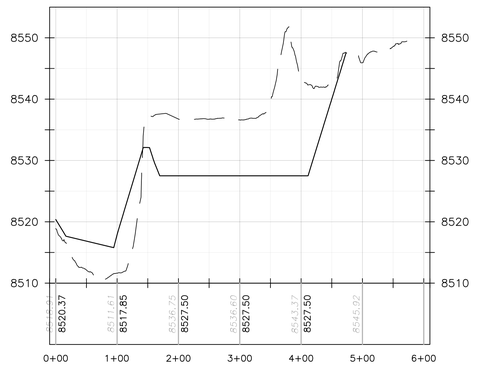
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.	052753
Drawing Date	2026/06/25
Sheet No.	18 OF 31
Revision Number:	0

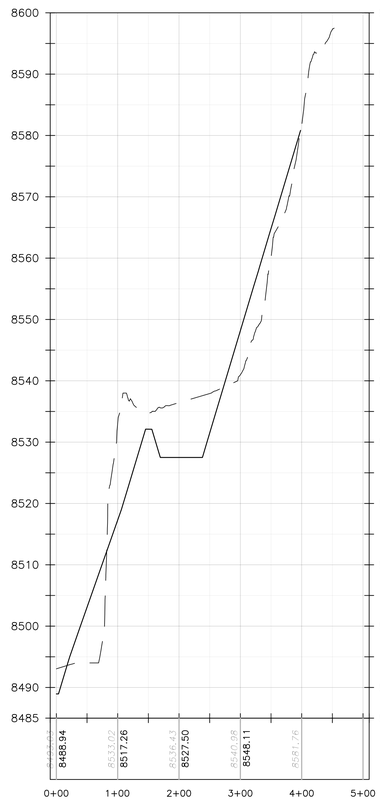
SHEET 8

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 08 - PLANT Closeout Pending. 10/19/2026 9:12:11 AM



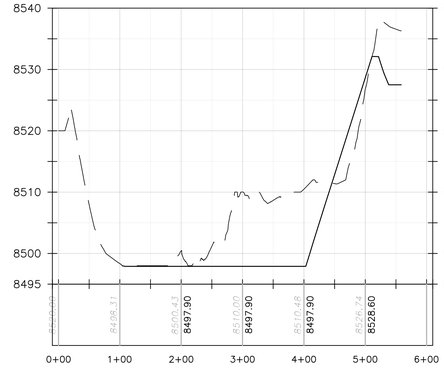
BASIN 1A NORTH SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



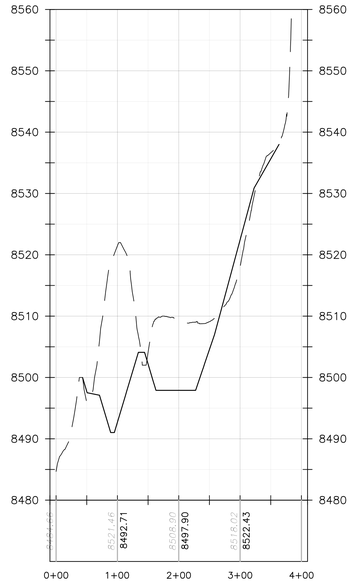
BASIN 1A WEST EAST

SCALE: 1"=100' HOR
1"=10' VERT



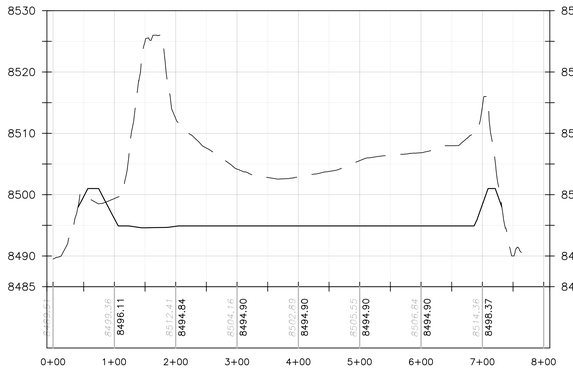
BASIN 1B NORTH SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



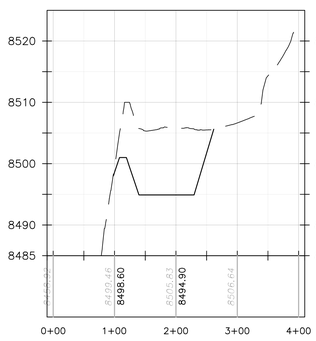
BASIN 1B WEST EAST

SCALE: 1"=100' HOR
1"=10' VERT



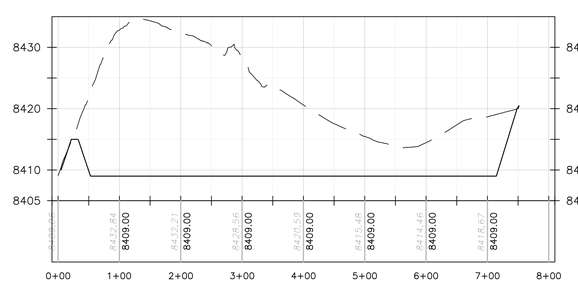
BASIN 9 NORTH SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



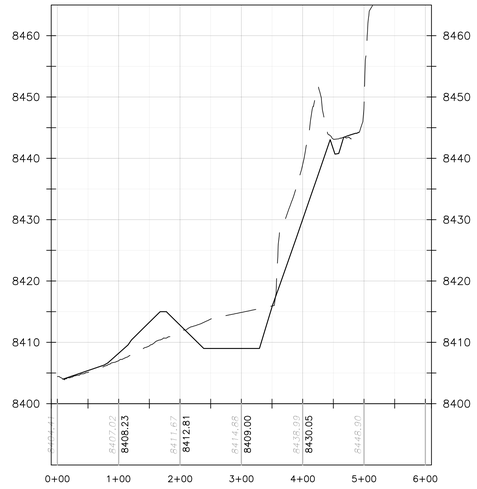
BASIN 9 WEST EAST

SCALE: 1"=100' HOR
1"=10' VERT



PLANT BASIN NORTH TO SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



PLANT BASIN WEST TO EAST

SCALE: 1"=100' HOR
1"=10' VERT

100 0 50 100 200 400

1 INCH = 100 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

PLANT AREA SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

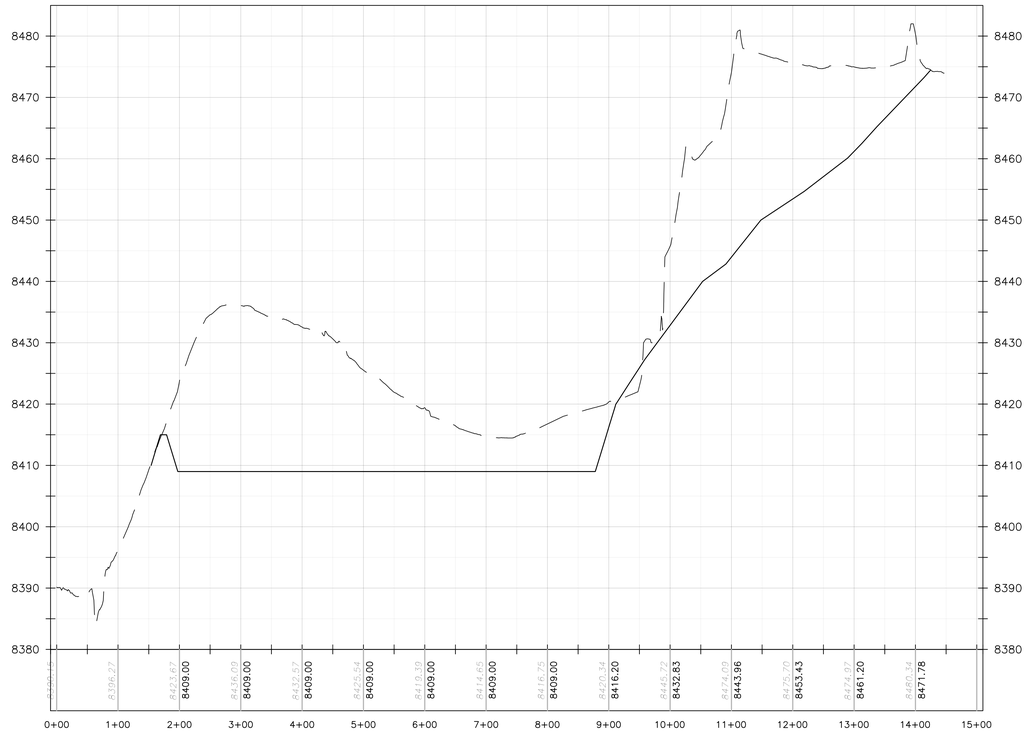
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	6 OF 31
Revision Number:	0

SHEET 8A

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 08 - PLANT Closeout Plan.dwg, 10/19/2026 9:12:18 AM



PLANT AREA NORTH TO SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE
150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408
TAOS COUNTY

PLANT AREA SECTION VIEWS AND PROFILES

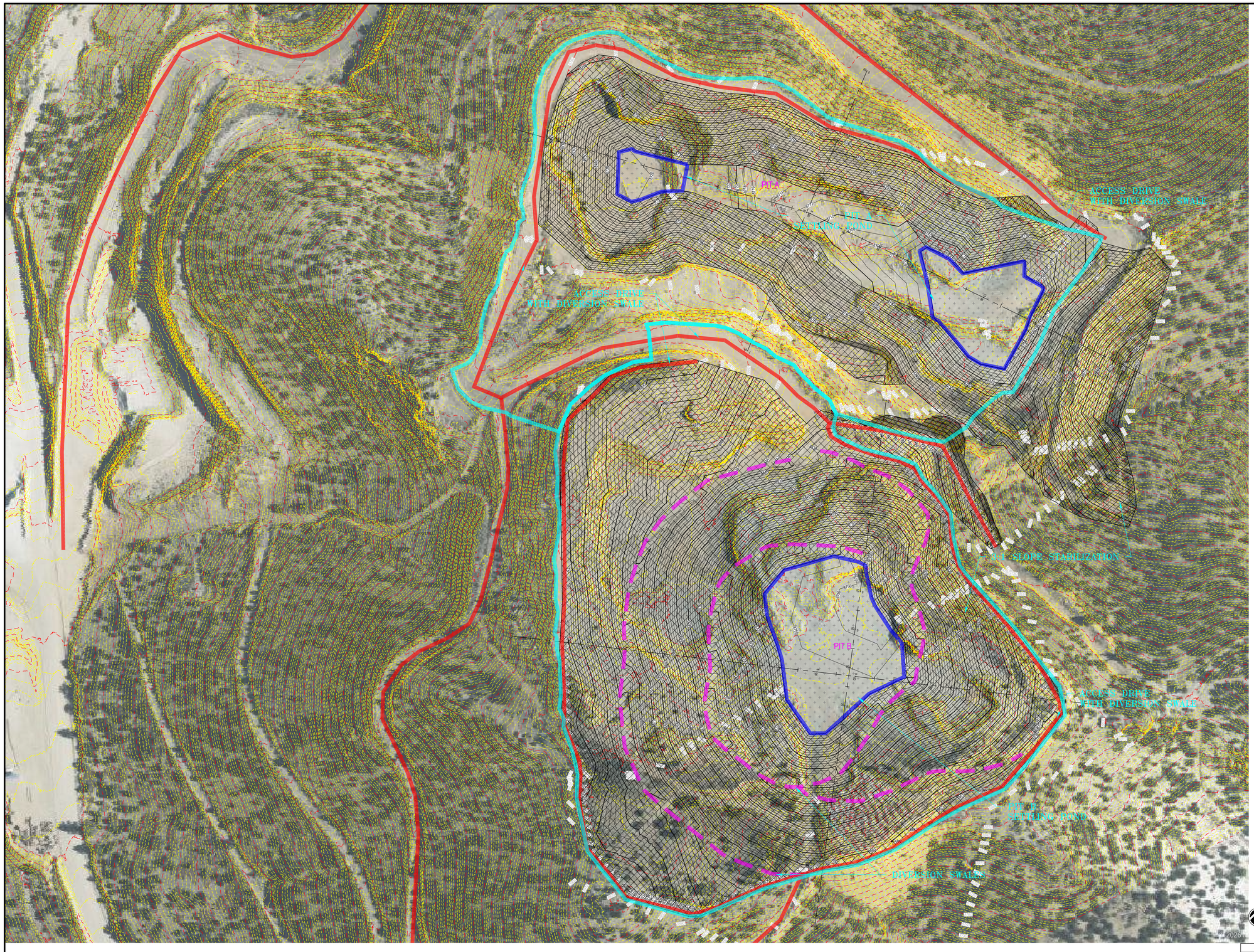
ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr:	RM
Originated By:	RRP
Project No:	052753
Drawing Date:	2026/06/25
Sheet No.:	20 OF 31
Revision Number:	0

SHEET 8B

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 08 - PLANT Closeout Plan.dwg, 10/19/2026 9:12:22 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL CLOSEOUT PLAN

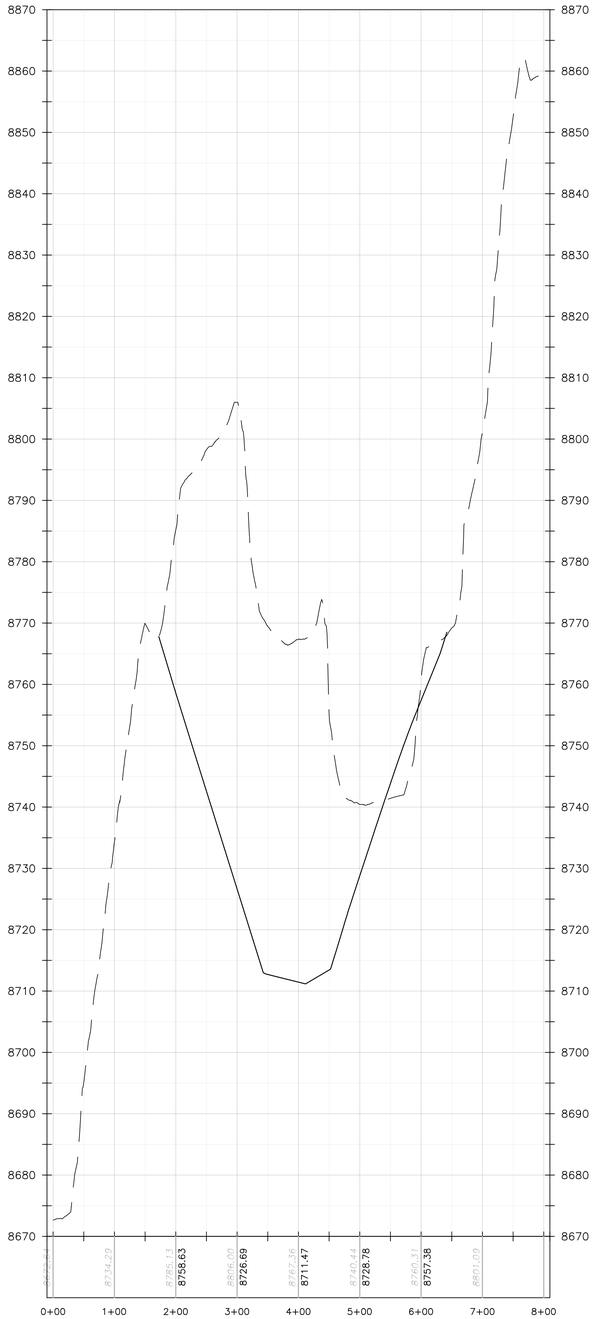
ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	21 OF 31
Revision Number:	0

SHEET 9

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 09 - NORTH HILL Closeout Plan.dwg, 10/19/2026 9:13:02 AM



PIT A NORTH TO SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



PIT A WEST TO EAST

SCALE: 1"=100' HOR
1"=10' VERT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

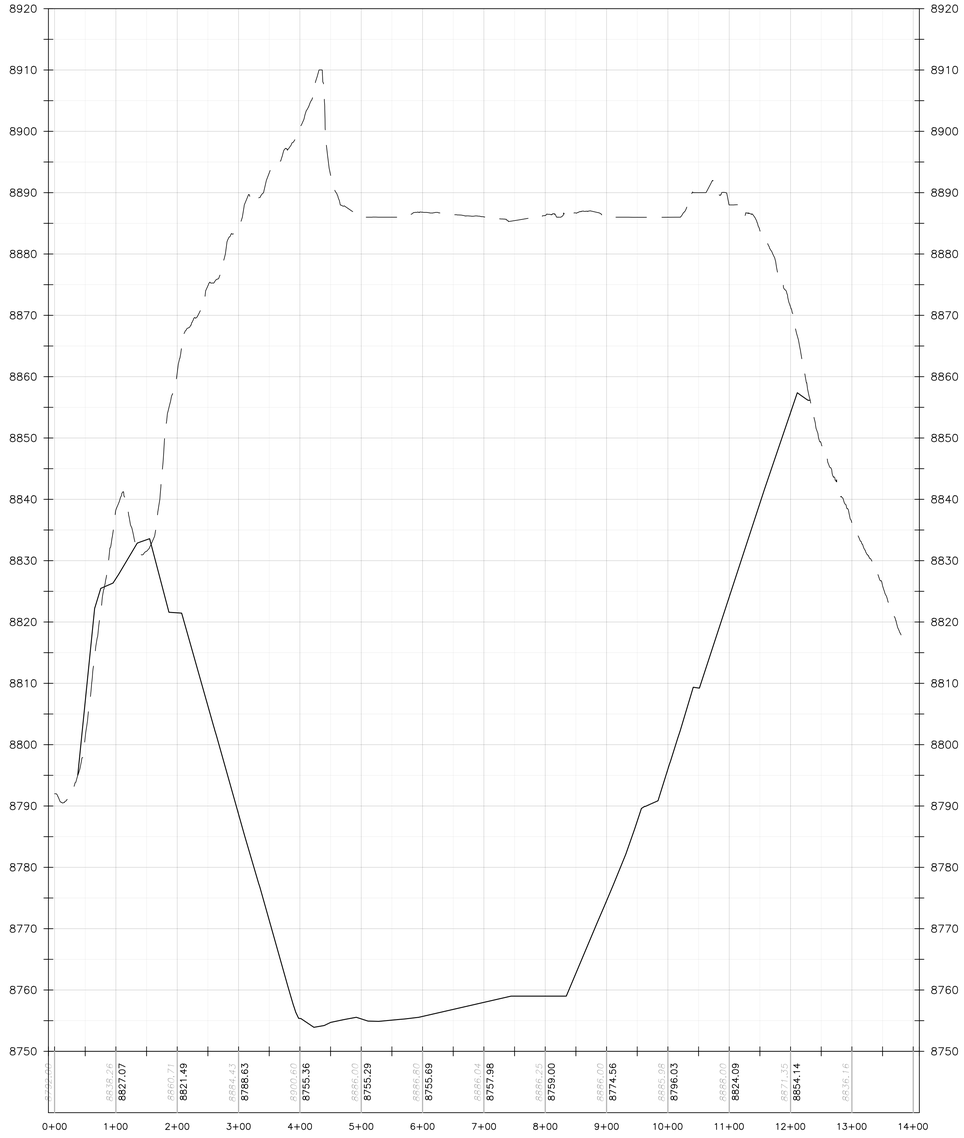
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	22 OF 31
Revision Number:	0

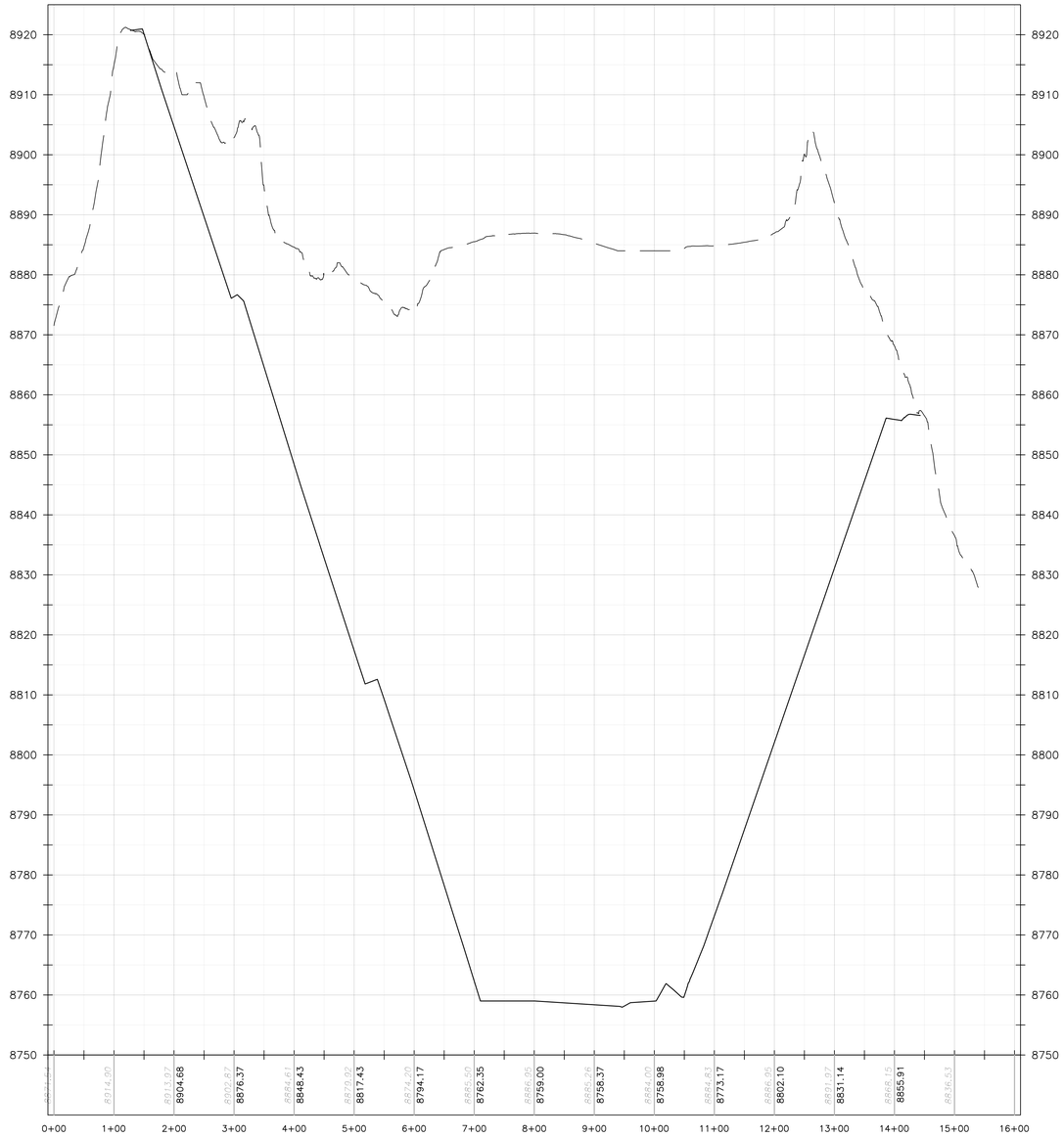
SHEET 9A

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 09 - NORTH HILL Closeout Plan.dwg, 10/19/2026 9:13:10 AM



PIT B NORTH TO SOUTH

SCALE: 1"=100' HOR
1"=10' VERT



PIT B WEST TO EAST

SCALE: 1"=100' HOR
1"=10' VERT

100 0 50 100 200 400

1 INCH = 100 FT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

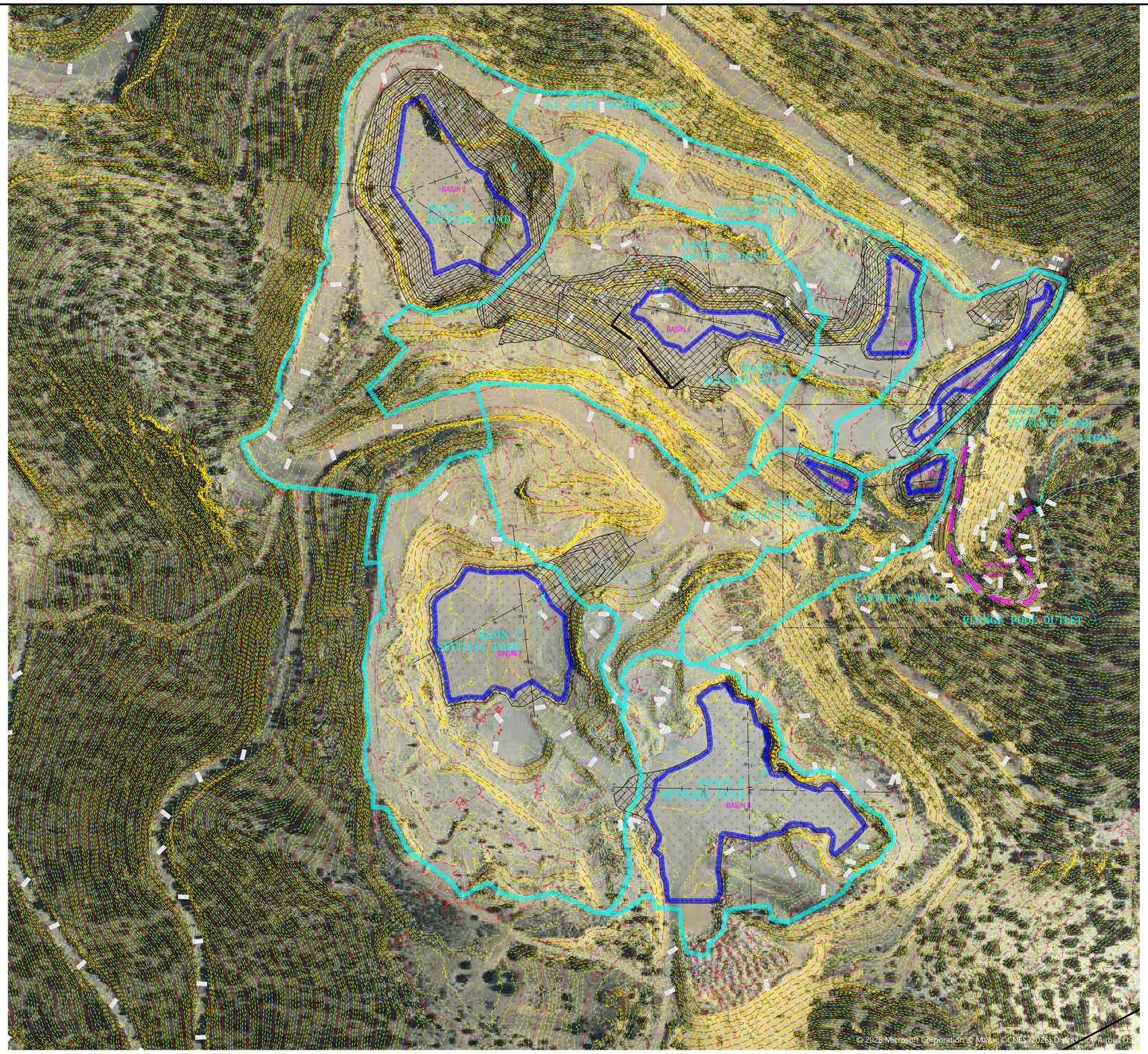
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	23 OF 31
Revision Number:	0

SHEET 9B

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 09 - NORTH HILL Closeout Plan.dwg, 10/19/2026 9:13:14 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

100' 0' 50' 100' 200' 400'
SCALE 1"=100'

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408
TAOS COUNTY

NORTH HILL SITE STABILIZATION PLAN

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

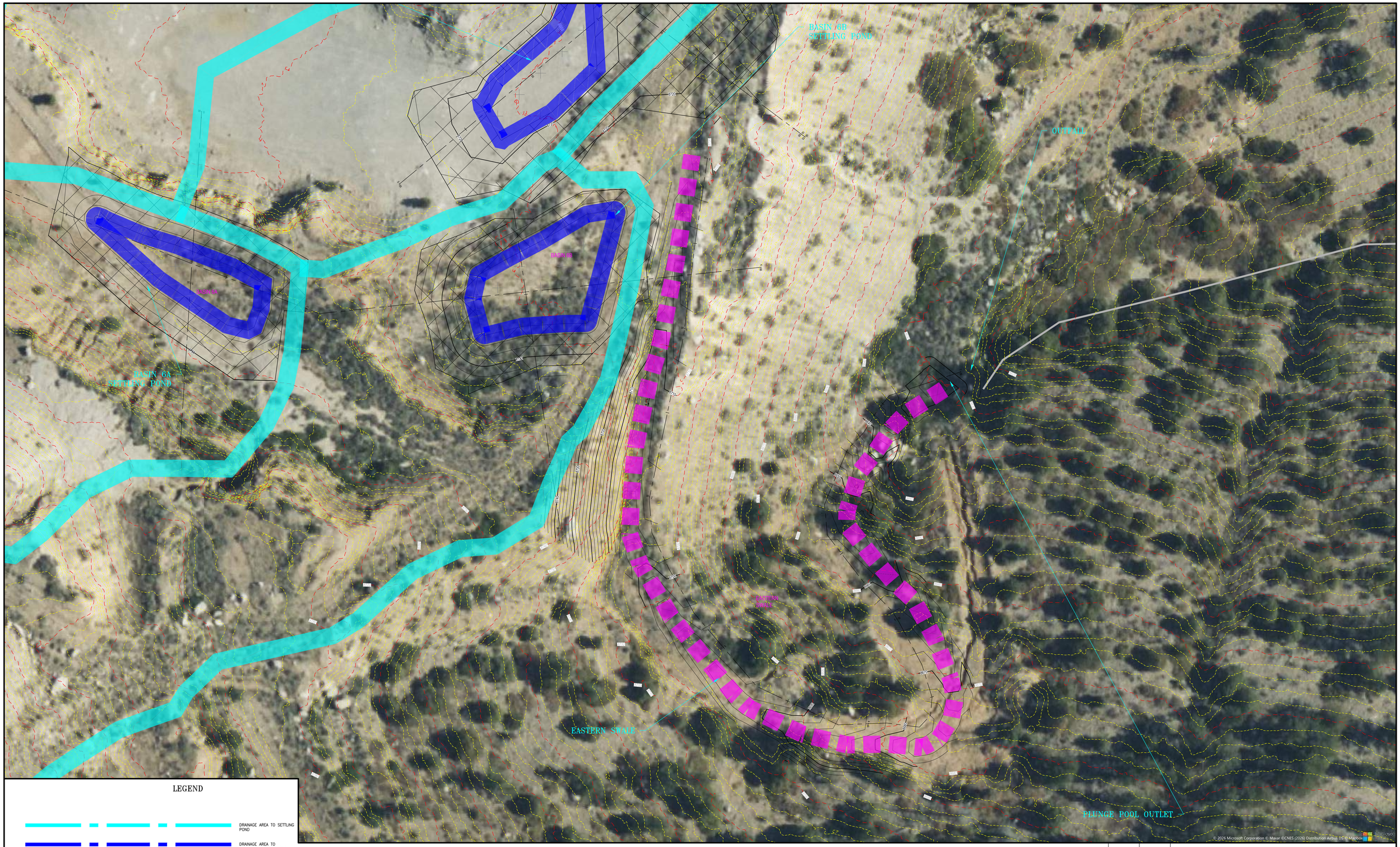
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 100'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	24 OF 31
Revision Number:	0

SHEET 10

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/19/2026 9:14:12 AM



LEGEND

- DRAINAGE AREA TO SETTLING POND
- DRAINAGE AREA TO MAINTENANCE DRIVE SWALE
- MAINTENANCE DRIVE
- DIVERSION BERM
- CHANNEL RESTORATION
- SETTLING POND
- AREA TO BE REGRADED (3:1) MAXIMUM SLOPE

20' 0' 10' 20' 40' 80'
SCALE 1"=20'

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408
TAOS COUNTY

NORTH HILL SITE STABILIZATION PLAN
EAST SWALE LAYOUT

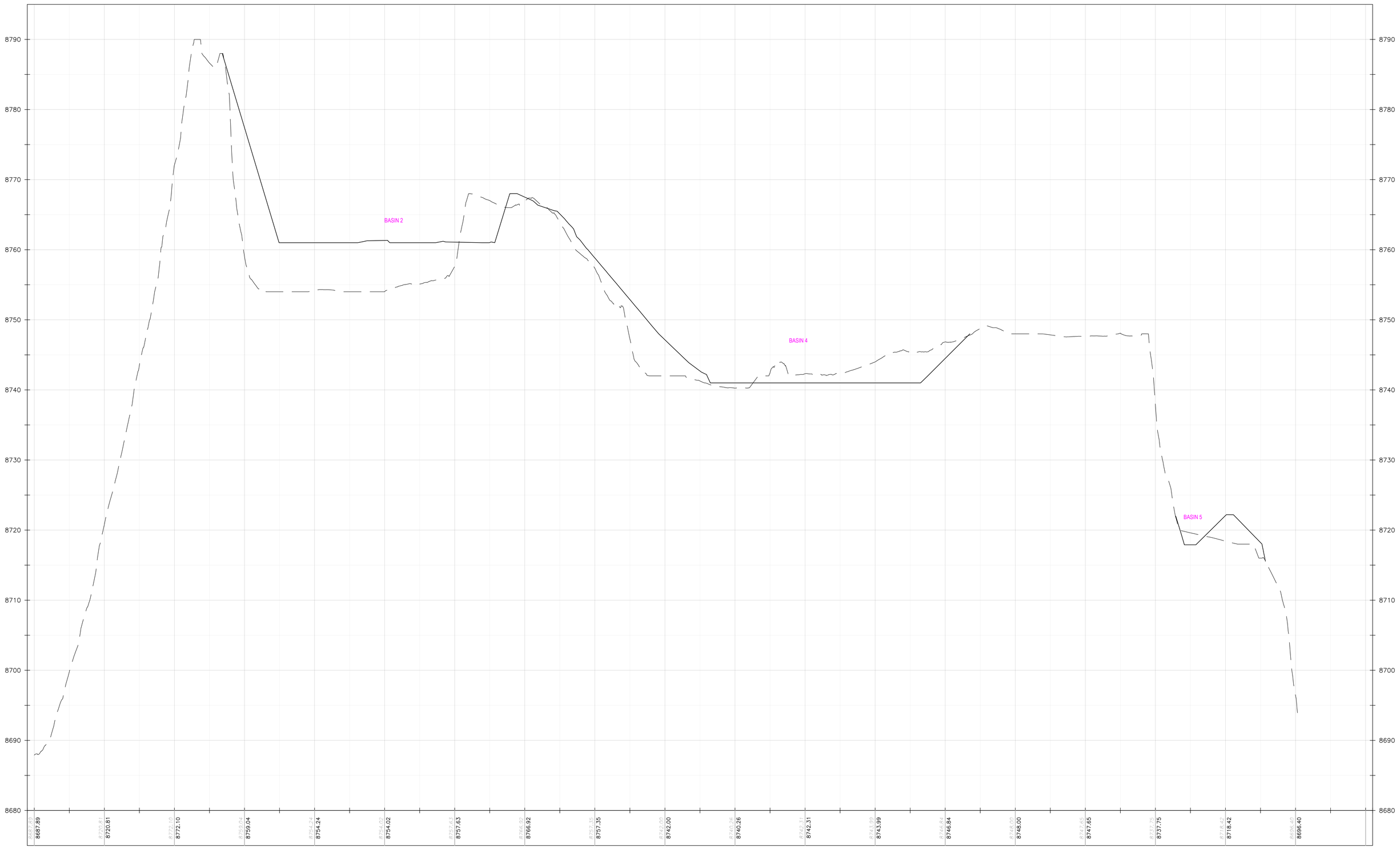
ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 20'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	25 OF 31
Revision Number:	0

SHT 10A

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/19/2026 9:14:25 AM



NORTH HILL WEST TO EAST

SCALE: 1"=50' HOR
1"=5' VERT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SITE STABILIZATION SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

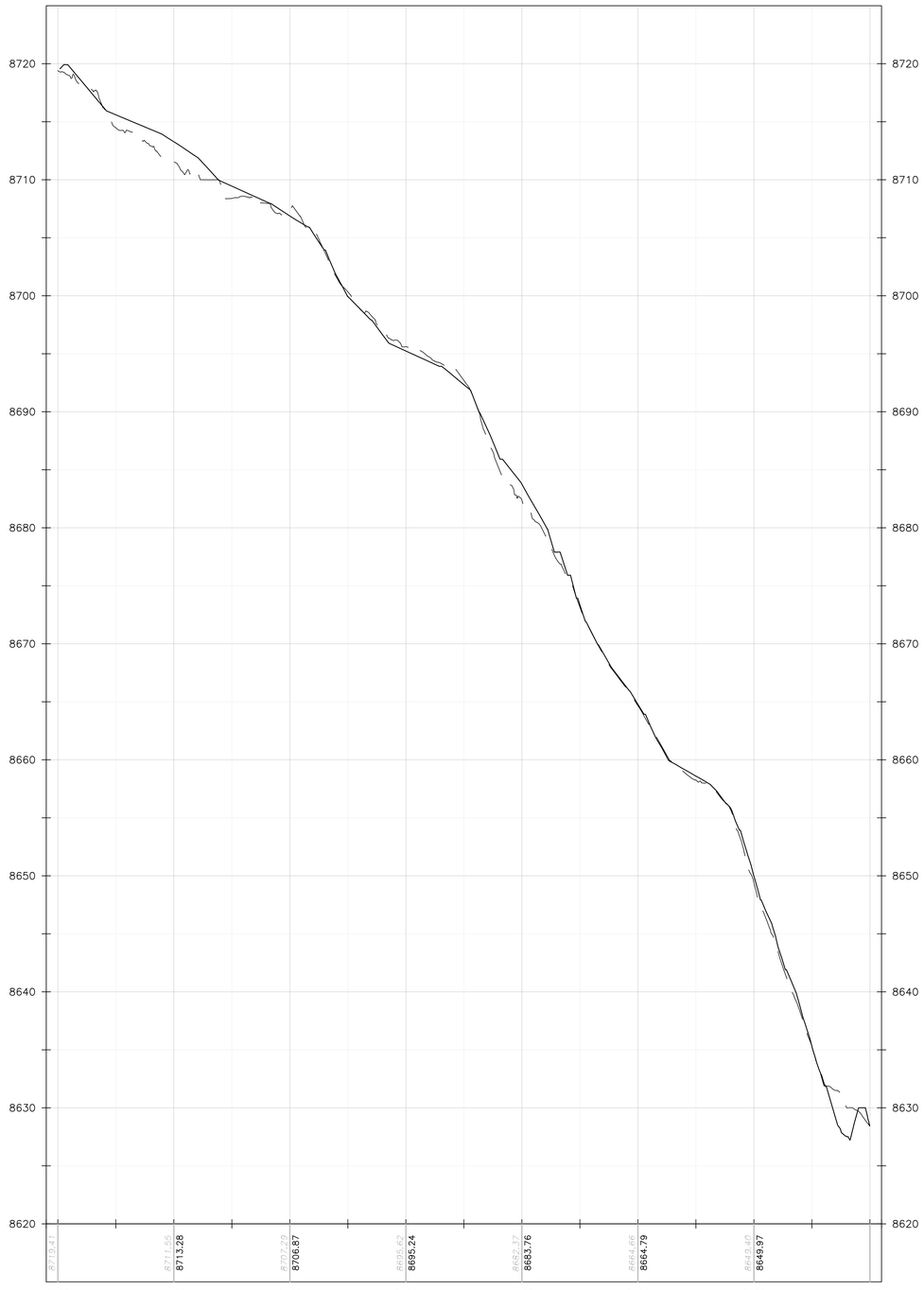
Onterris

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	26 OF 31
Revision Number:	0

SHT 10B

H:\Imerys Perlite No Agua Mine\CAD\DWG\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/19/2026 8:14:33 AM



EASTERN SWALE

SCALE: 1"=50' HOR
1"=5' VERT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SITE STABILIZATION SECTION VIEWS AND PROFILES

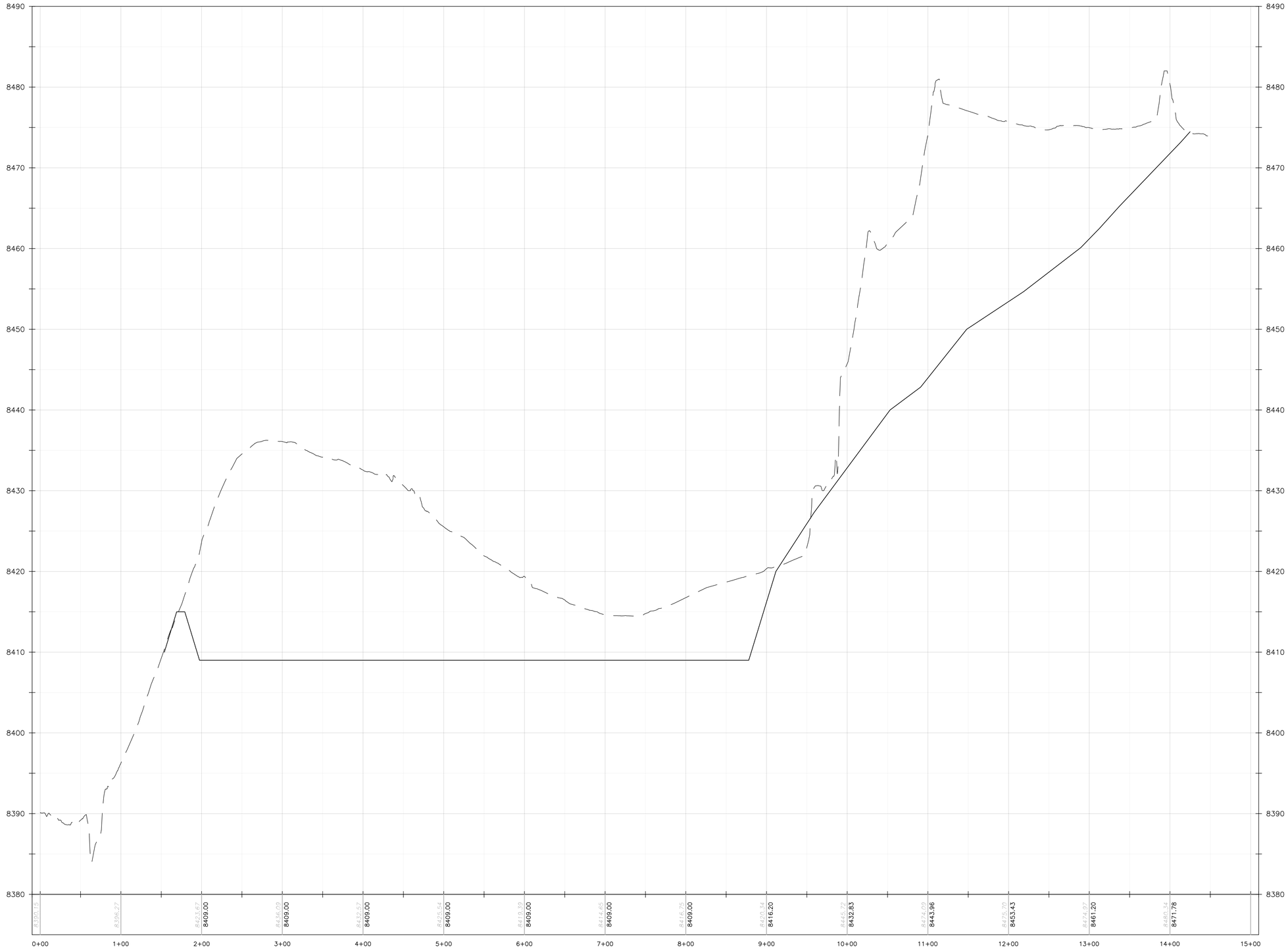
ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	27 OF 31
Revision Number:	0

SHT 10C

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/19/2026 9:14:39 AM



PLANT AREA NORTH TO SOUTH

SCALE: 1"=50' HOR
1"=5' VERT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SITE STABILIZATION SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

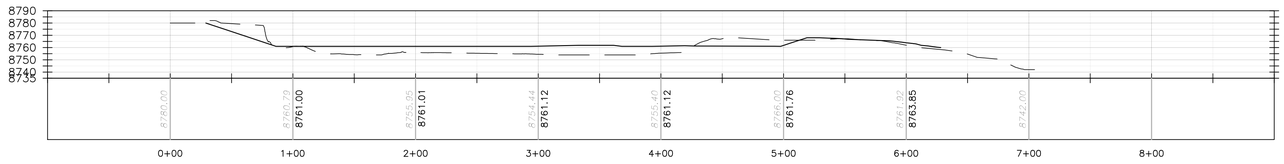
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	28 OF 31
Revision Number:	0

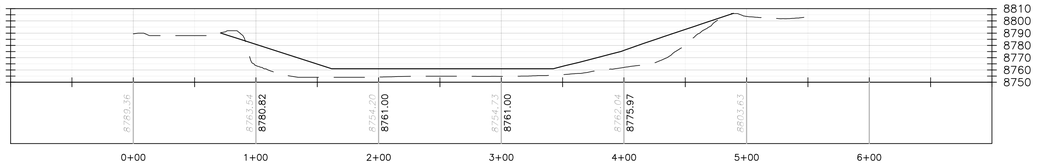
SHT 10D

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/19/2026 9:14:46 AM



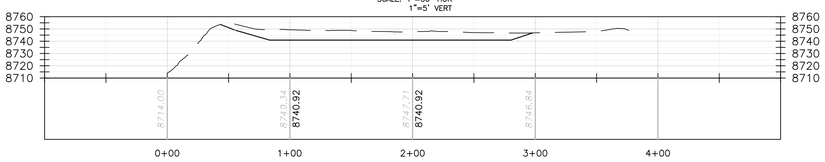
BASIN 2 NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



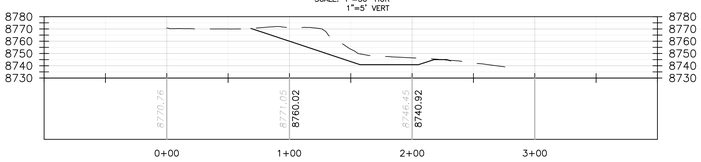
BASIN 2 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT



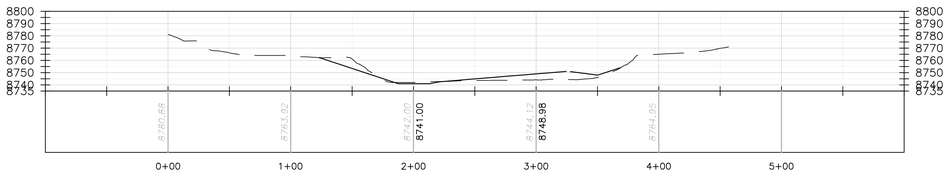
BASIN 3 NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



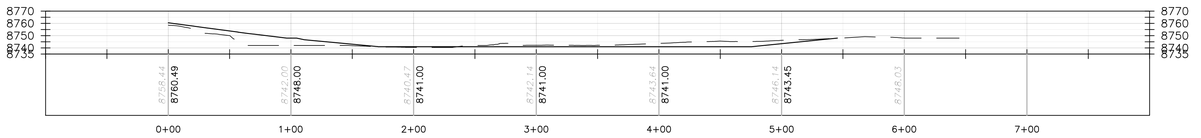
BASIN 3 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT



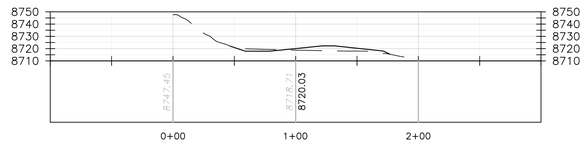
BASIN 4 NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



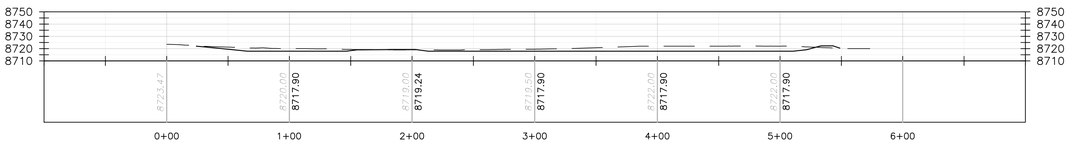
BASIN 4 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT



BASIN 5 NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



BASIN 5 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SITE STABILIZATION SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

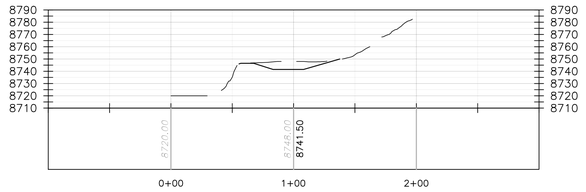
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	29 OF 31
Revision Number:	0

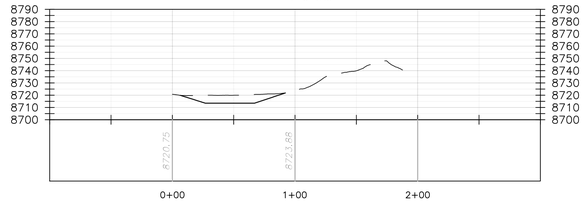
SHT 10E

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/19/2026 9:14:52 AM



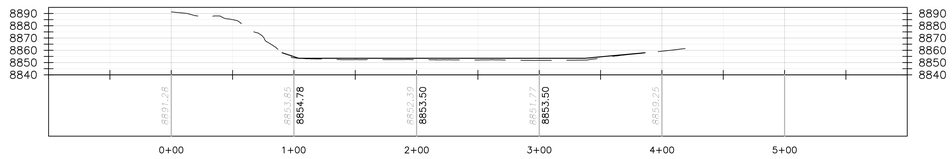
BASIN 6A NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



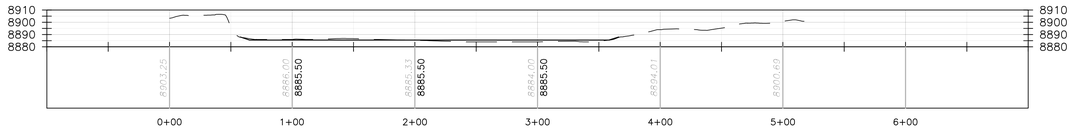
BASIN 6B NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



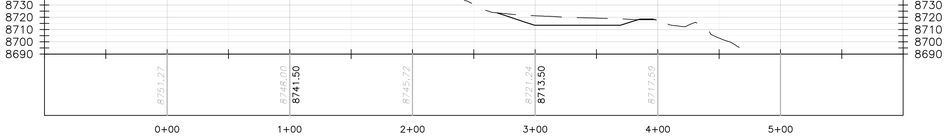
BASIN 7 NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



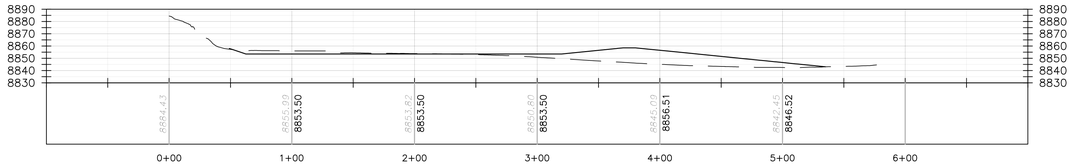
BASIN 8 NORTH SOUTH

SCALE: 1"=50' HOR
1"=5' VERT



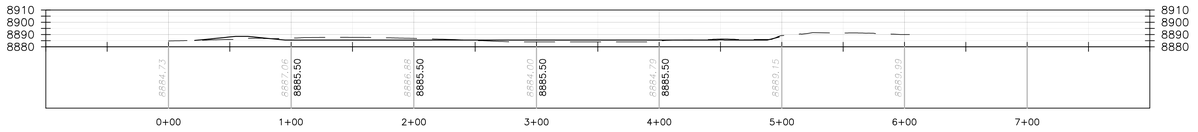
BASIN 6 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT



BASIN 7 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT



BASIN 8 WEST EAST

SCALE: 1"=50' HOR
1"=5' VERT

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

NORTH HILL SITE STABILIZATION
SECTION VIEWS AND PROFILES

ROBERT JOSEPH MAY
NEW MEXICO
28534
PROFESSIONAL ENGINEER

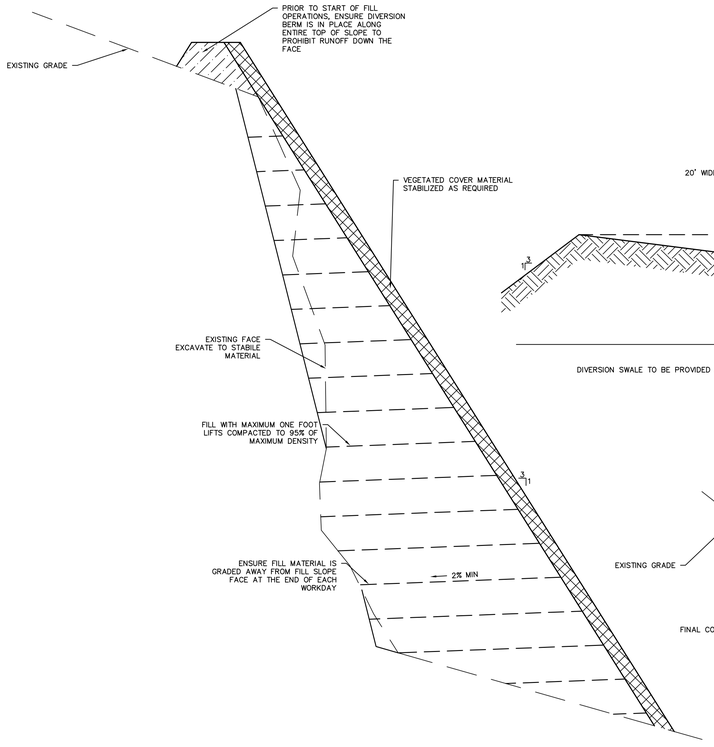
Onterris™

9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	1" = 50'
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No:	052753
Drawing Date:	2026/06/25
Sheet No:	30 OF 31
Revision Number:	0

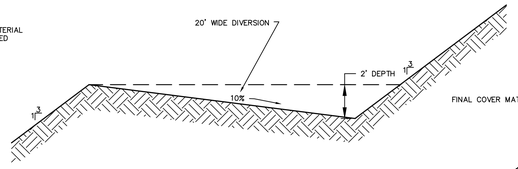
SHT 10F

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 10 - NORTH HILL STABILIZATION Plan.dwg, 10/15/2026 9:14:59 AM



3:1 RECONTOURING DETAIL

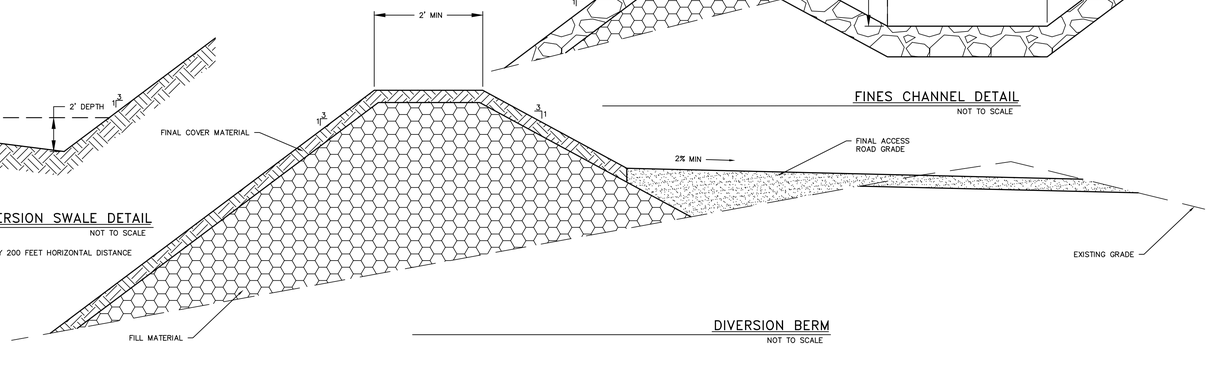
NOT TO SCALE



DIVERSION SWALE DETAIL

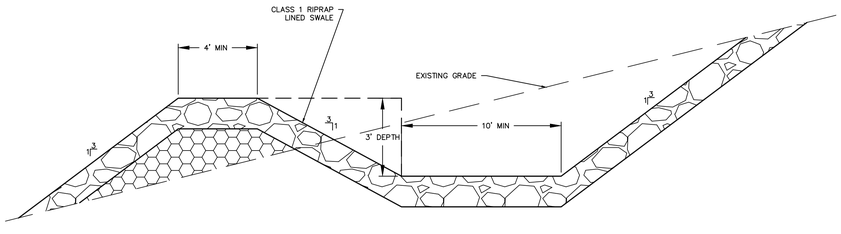
NOT TO SCALE

DIVERSION SWALE TO BE PROVIDED A MINIMUM EVERY 200 FEET HORIZONTAL DISTANCE



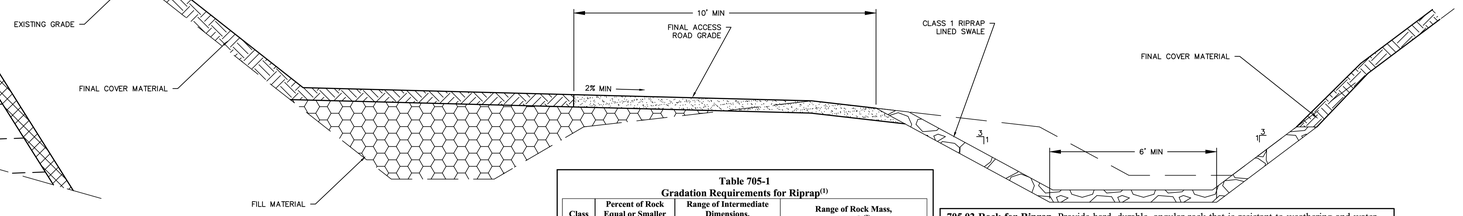
DIVERSION BERM

NOT TO SCALE



FINES CHANNEL DETAIL

NOT TO SCALE



MAINTENANCE DRIVE RESTORATION

NOT TO SCALE

Table 705-1
Gradation Requirements for Riprap(1)

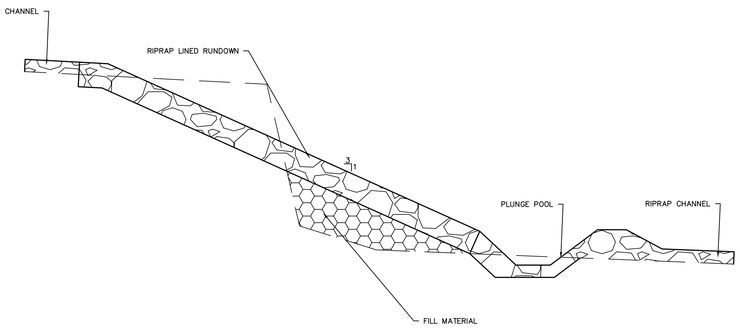
Class	Percent of Rock Equal or Smaller by Count, DX	Range of Intermediate Dimensions, inches(2)	Range of Rock Mass, pounds(3)
1	100	9 to 15	59 to 270
	85	7 to 11	28 to 110
	50	5 to 8	10 to 42
	15	3 to 6	2 to 18
2	100	15 to 21	270 to 750
	85	11 to 15	110 to 270
	50	8 to 11	42 to 110
	15	6 to 8	10 to 42
3	100	21 to 27	750 to 1600
	85	15 to 19	270 to 560
	50	11 to 14	110 to 220
	15	8 to 10	42 to 81
4	100	27 to 33	1600 to 2900
	85	19 to 23	560 to 990
	50	14 to 17	220 to 400
	15	9 to 12	59 to 140
5	100	33 to 39	2900 to 4850
	85	23 to 28	990 to 1800
	50	17 to 20	400 to 650
	15	11 to 15	110 to 270
6	100	39 to 45	4850 to 7400
	85	28 to 32	1800 to 2650
	50	20 to 23	650 to 990
	15	13 to 17	180 to 400
7	100	45 to 54	7400 to 12,800
	85	32 to 38	2650 to 4450
	50	23 to 28	990 to 1800
	15	15 to 20	270 to 650
8	100	54 to 66	12,800 to 23,400
	85	38 to 47	4450 to 8450
	50	28 to 35	1800 to 3500
	15	19 to 25	560 to 250
9	100	66 to 78	23,400 to 38,600
	85	47 to 55	8450 to 13,500
	50	35 to 41	3500 to 5600
	15	22 to 30	870 to 2200
10	100	78 to 90	38,600 to 59,300
	85	55 to 64	13,500 to 21,300
	50	41 to 48	5600 to 9000
	15	26 to 36	1450 to 3800

(1) Gradation includes spalls and rock fragments to provide a stable, dense mass.
(2) The intermediate dimension is the longest straight-line distance across the rock that is perpendicular to the rock's longest axis on the rock face with the largest projection plane.
(3) Rock mass is based on a specific gravity of 2.65 and 85 percent of the cubic volume as calculated using the intermediate dimension.

TABLE 705-1 FROM STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS (FP-24) BY US DEPARTMENT OF TRANSPORTATION

705.02 Rock for Riprap. Provide hard, durable, angular rock that is resistant to weathering and water action, and free of organic and other unsuitable material. Angular rock is characterized by sharp, clean edges at the intersections of relatively flat surfaces. Do not use shale, rock with shale seams, or other fissile or fissured rock that may break into smaller pieces in the process of handling and placing. Conform to the following:

(a) Apparent specific gravity, AASHTO T 85	2.40 minimum
(b) Absorption, AASHTO T 85	4.0 percent maximum
(c) Soundness of aggregate using sodium sulfate, AASHTO T 104 (5 cycles)	12 percent loss maximum
(d) Los Angeles abrasion, AASHTO T 96	50 percent maximum
(e) Rock particle intermediate dimension (width) and minimum dimension (thickness)	⅓ longest dimension (length) minimum
(f) Gradation, FLH T 521	Table 705-1



DIVERSION SWALE RUNDOWN

NOT TO SCALE

Number:	Date:	Revision:

IMERYS PERLITE USA, INC - NO AGUA MINE

150 EAST MAIN, SUITE 320 FERNLEY, NEW MEXICO 89408

TAOS COUNTY

DETAILS

ROBERT JOSEPH MAY NEW MEXICO 28534 PROFESSIONAL ENGINEER

Onterris™
9100 2ND STREET NW, SUITE 200
ALBUQUERQUE, NEW MEXICO 87114-1664
T: 505.830.9680 ONTERRIS.COM

Scale:	NTS
Drawn By:	RRP
Checked By:	RRP
Project Mgr.:	RM
Originated By:	RRP
Project No.:	052753
Drawing Date:	2026/06/25
Sheet No.:	31 OF 31
Revision Number:	0

SHEET 11

H:\Imerys Perlite No Agua Mine\CAD\DWGS\SHEETS\SHEET 11 - Details.dwg, 10/19/2026 9:15:11 AM