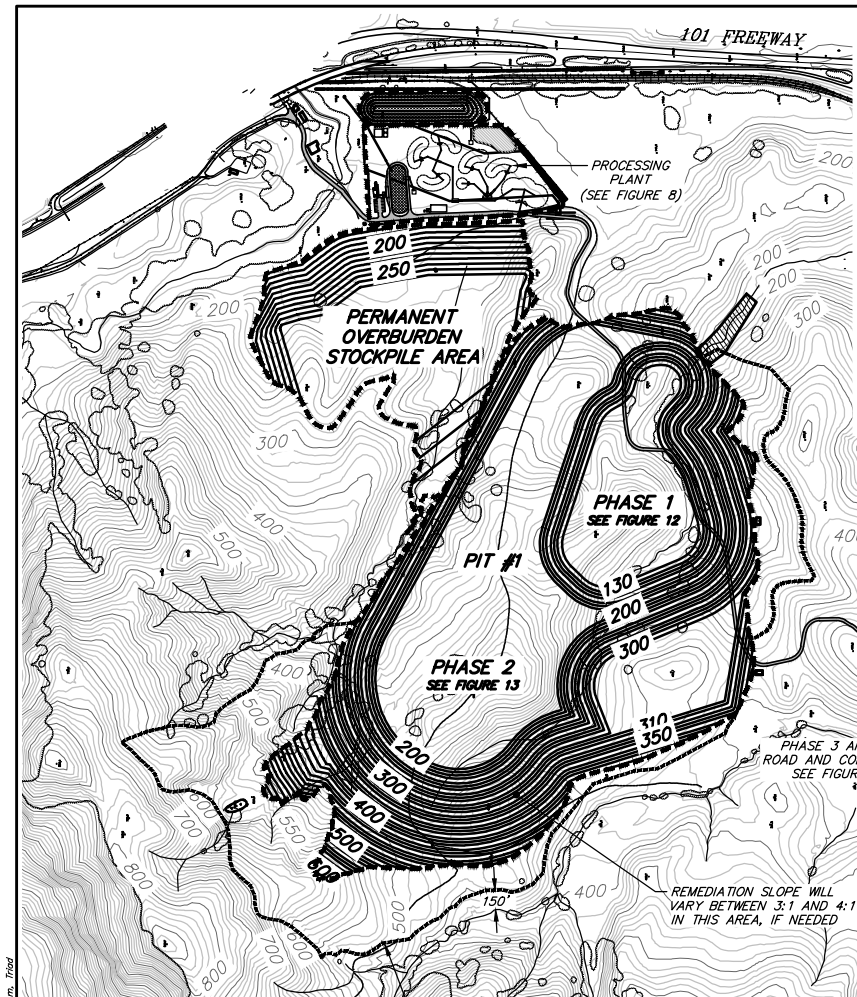




DISTURBANCE AREAS

- PIT # 1 – 152.27 ACRES
- PIT # 3 – 56.14 ACRES (INCLUDES ROAD TO PITS 3 AND 4, PLANT SITE, AND TOPSOIL STOCKPILE "A")
- PIT # 4 – 28.80 ACRES
- PERMANENT OVERBURDEN STOCKPILE – 42.6 ACRES
- ADDITIONAL DISTURBANCE RESULTING FROM SLIDE REMEDIATION (IF NECESSARY) – 120.5 ACRES

LEGEND

- | | | | |
|--|---------------------------------------|--|-----------------------------------|
| | MINING LIMIT LINE | | PROPOSED PROCESS WATER POND |
| | PROPOSED GRADED ROAD | | VEGETATION |
| | PROPOSED STORMWATER SEDIMENT BASIN | | TOPSOIL STOCKPILE AREA |
| | SLIDE REMEDIATION LIMIT LINE | | EXISTING GROUND CONTOUR AND ELEV. |
| | PROPOSED WATER LINE FROM OFFSITE WELL | | PROPOSED GROUND CONTOUR AND ELEV. |
| | CREEK | | |

- NOTES:**
- FIGURES 10-13 PROVIDE MORE DETAILED INFORMATION BY MINE PHASE.
 - REFER TO FIGURES 14 AND 15 FOR MINE CROSS SECTIONS.
 - FOR FULL SIZE PLAN REFER TO APPENDIX G.

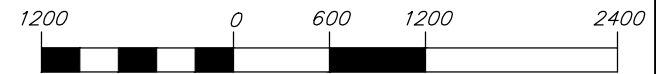
**QUARRY EXCAVATION
ESTIMATED QUANTITIES**

TOTAL VOLUME	35,016,000 CY	PHASE 2 TOTAL VOLUME	16,300,000 CY
TOTAL PRODUCT	25,305,000 CY	PHASE 2 TOP SOIL (TOP 2 FEET)	300,000 CY
X 1.5	37,957,500 TONS	PHASE 2 OVERBURDEN	4,100,000 CY
PLANT SITE GRADING		PHASE 2 PRODUCT	11,900,000 CY
1,180 CY CUT AND 75,000 CY FILL		PHASE 3 TOTAL VOLUME	3,600,000 CY
ACCESS ROAD TO PHASE 3 AND 4		PHASE 3 TOP SOIL (TOP 2 FEET)	135,000 CY
88,000 CY CUT AND 14,000 CY FILL		PHASE 3 OVERBURDEN	900,000 CY
PHASE 1 TOTAL VOLUME	13,300,000 CY	PHASE 3 PRODUCT	2,565,000 CY
PHASE 1 TOP SOIL (TOP 2 FEET)	375,000 CY	PHASE 4 TOTAL VOLUME	1,816,000 CY
PHASE 1 OVERBURDEN	3,325,000 CY	PHASE 4 TOP SOIL (TOP 2 FEET)	36,000 CY
PHASE 1 PRODUCT	9,600,000 CY	PHASE 4 OVERBURDEN	540,000 CY
		PHASE 4 PRODUCT	1,240,000 CY



CONTOUR INTERVAL: 10'

GRAPHIC SCALE



1 inch = 1200 ft.

t h a
triad/holmes & associates
civil engineering
land surveying

MAMMOTH LAKES
BISHOP
REDWOOD CITY
SAN LUIS OBISPO

PREPARED & SUBMITTED BY:

DATE:

REVISIONS:

NO.	DATE	BY	DESCRIPTION

FOR THE:

VERNE FREEMAN
500 SAN ANTONIO RD
PALO ALTO, CA 94303

SARGENT RANCH QUARRY

MINING SITE PLAN

DATE: 12/01/2020

SCALE: AS SHOWN

DRAWN: SCR

JOB NO.: 01.4020

DWG:

FIGURE 9

Z:\01 Mammoth 14020 Sargent Ranch Local Improvement Plans\Plan Set\04\Fig 9 Site Plan.dwg User: 04/2021 - 4/07/2021