

**ATTACHMENT 4
Project Summary Worksheet**

Project Elements	MINING PHASES BY PARCEL								Total
	1	2	3	4	5	6	7	Plant Site	
	049-070-021	049-070-020	049-070-004 049-070-005 049-070-006 049-070-010	049-070-006 049-070-009 049-070-010	025-450-001 049-070-009	025-450-001 049-070-009	049-060-004 049-060-007	049-070-019 049-070-020	
Total Area (acres) - does not include 75.6 acres of creek setback and buffer	131	64	100	119	146	146	21	35	762
Proposed Mining Area (acres)	0	0	87	114	134	135	15	0	485
Proposed Max Mining Depth (feet)	N/A	N/A	70	70	70	70	35	N/A	
Soil Capability Classification By Soil Type ¹									
Brentwood silty clay loam (BrA)* - Class 1 (irrigated); Class 4c (non-irrigated)			Disturbed - 11 ac.		Class 1/4c - 47 ac.	Class 1/4c -103 ac.	Class 1/4c - 2 ac.		
San Ysidro loam (Sh) - Class 4s						Class 4s - 11 ac.			
Sycamore silt loam (So)** - Class 2w (irrigated); Class 4w (non-irrigated)	Class 4w - 34 ac.		Pond/disturbed - 34 ac.	Pond/disturbed - 61 ac.	Streambed/disturbed - 7 ac.	Disturbed - 2 ac.			
Yolo silt loam (Ya)* - Class 1 (irrigated); Class 4c (non-irrigated)	Class 4c - 96 ac.	Gravel substrate - 64 ac.	Pond/disturbed - 51 ac.	Pond/disturbed - 48 ac.	Class 4c - 92 ac.	Class 1/4c - 30 ac.	Class 1/4c - 17 ac.	Gravel substrate	
Riverwash (Rh) - Class 8	Class 8 - 1 ac.		Class 8 - 4 ac.	Class 8 - 10 ac.			Class 8 - 2 ac.	(will need resoiling)	
Average Existing Elevation (feet) ²	123' est.	125' est.	125' est.	125' est.	131' est.	130' est.	148' est.	149' est.	
Groundwater Elevations (feet) ³									
Average Historical High	117'-113'	120'-117'	113'-110'	110'-107'	108'	106'	121'-120'	121'-117'	
Average Historical Low	110'-108'	115'-111'	107'-105'	105'-101'	102'	98'	115'	114'-111'	
Average Reclaimed Agricultural Elevation (feet)	129'	126'	118'	114'	N/A	N/A	127'	146'	
Mined Aggregate (tons)	0	0	2,874,000	5,172,000	12,759,000	13,218,000	460,000	N/A	34,483,000
Produced Aggregate (tons sold) ⁴	0	0	2,500,000	4,500,000	11,100,000	11,500,000	400,000	N/A	30,000,000
Reclamation Use (acres)									
Agriculture	124.5	63.7	91.7	111.3	--	--	20	27.4	438.6
Lake (water body)	--	--	--	--	106.6	103.8	--	--	210.4
Habitat	5.8	--	5.4	8.1	33.1	38.1	1	6.2	97.7
Slopes and Roads	0.4	--	2.9	--	5.9	4.1	--	1.3	14.6
Creek Setback (outside mining phases)	--	--	--	--	--	--	--	--	68.7
Buffer Habitat (outside mining phases)	--	--	--	--	--	--	--	--	4.6
I-505 Screen (outside mining phases)	--	--	--	--	--	--	--	--	2.3
Mining Period (years)	N/A	N/A	2.5	4.5	11	11.5	0.5	N/A	30
Reclamation Period (years)	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	Up to 35

¹ Soil capability classification based on U.S. Department of Agriculture's Land Inventory and Monitoring Project for the Yolo County soil survey. Column inputs adjusted for existing site condition.

* Soil type meets the criteria for "prime farmland" as outlined in the USDA Land Inventory and Monitoring Project for the Yolo County soil survey

** Soil type meets the criteria for "prime farmland," if drained

Subclasses: (c) = climatic limitation; (w) = excess water limitation; (s) = rooting zone limitation:

² Elevations presented are relative to the NAVD 88 Vertical Datum and based on topography reflected on Cunningham Engineering's Project design drawings.

³ Groundwater elevations based on Revised Reclamation Plan Appendices D and E, contours of groundwater elevations, prepared by Luhdorff & Scalmanini.

⁴ Production tons sold = mined tons minus 13% wash loss.