

#### LEGEND:

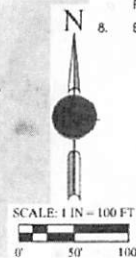
-----	ORIGINAL PERMIT BOUNDARY	10.0 ACRES
-----	AMENDED PERMIT BOUNDARY	10.0 ACRES
-----	PARCEL LINE	
- - - - -	MINING AREA/PIT BOUNDARY (ACTIVE)	3.3 ACRES
	MATERIAL STORAGE AREA	0.6 ACRES
	REVISED BOUNDARY AREA	1.1 ACRES
	TOPSOIL STOCKPILE	0.5 ACRES
	PRODUCT STOCKPILE	0.1 ACRES
	FLOW ARROW	
	TOPOGRAPHIC SLOPE	

#### AREA SUMMARY

ORIGINAL PERMIT AREA:	10.0 ACRES
AMENDED PERMIT AREA:	10.0 ACRES
TOTAL PERMIT AREA PROPOSED:	10.0 ACRES

#### NOTES

- ON THE QUARRY SITE THERE IS SPARSE EXISTING VEGETATION CONSISTING OF ANNUALS, SAGE AND A FEW HARDY GRASSES. NEARBY THE SITE EXISTING VEGETATION CONSISTS OF GRIFFITHS WHEATGRASS, BIG AND LITTLE BLUESTEM, BLUE GRAMA, SIDE OATS GRAMA GRASSES, MOUNTAIN MAHOGANY, PONDEROSA PINE AND SHRUBS.
- THE ACCESS ROAD GOES THROUGH THE OLD BERTHOLD PINK QUARRIES (SAME OWNER) TO ACCESS THIS AREA AND CONNECTS TO OLD ACCESS ROADS THAT HAVE BEEN EXISTING FOR OVER 50 YEARS. NO IMPROVEMENT OR WIDENING IS NECESSARY ON THE EXISTING ROAD BEDS. THIS ACCESS ROAD WILL REMAIN IN PLACE AFTER THE FINAL MINING AND RECLAMATION PROCESS IS COMPLETE.
- STRIPPED TOPSOIL AND CRUSHER FINES TAKEN FROM THE ACTIVE WORKING DECKS WILL BE STORED IN THE DESIGNATED AREA UNTIL IT IS NEEDED FOR RECLAMATION. IT WILL BE PROTECTED WITH "J" DAMS AROUND THE PERIMETER. IF THE TOPSOIL IS NOT NEEDED FOR RECLAMATION WITHIN A YEAR OF ITS PLACEMENT, IT WILL BE RE-SEEDING WITH THE APPROVED "HIGH PLAINS/FOOTHILLS GRASS MIX" TO HELP PREVENT EROSION.
- OVERBURDEN AND WASTE ROCK AREAS AREA WITHIN THE MINING AREA/PIT BOUNDARY.
- RECLAIMED AREAS WILL BE GRADED TO SUBSTANTIALLY MATCH TOPOGRAPHY PRIOR TO MINING AND TIE TO EXISTING GRADE AT EDGES.
- THE AVERAGE THICKNESS OF REPLACED OVERBURDEN BY RECLAMATION AREA OR PHASE IS 2 INCHES.
- THE AVERAGE THICKNESS OF REPLACED TOPSOIL BY RECLAMATION AREA OR PHASE IS 2 INCHES.
- EXISTING SLOPES SHOWN ARE APPROXIMATE.



#### RECLAMATION PLAN MAP

#### SUNSET QUARRY

APPLICANT: ARKINS PARK STONE, INC.  
 LOCATION: SECTION 28, TOWNSHIP 4 NORTH, RANGE 76 WEST  
 OF THE FEDERAL COUNTY OF LARIMER, STATE OF COLORADO

EXHIBIT:

E

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