

Table E1
Sample Geographical Coordinates - Surface Soil
Sunchief Mill site, Tonto National Forest

Site Area	Phase	Sample ID	Description	UTM NAD 83	
				Easting	Northing
Area 1	PA/SI	SM-A1-S-1	Northeast corner of bunker complex.	524508.00	3692526.00
		SM-A1-S-2	Northwest corner of bunker complex, behind bunker cells.	524494.00	3692520.00
		SM-A1-S-6	Septic discharge/bamboo patch (Waste Pile ID "HH").	524476.00	3692577.00
		SM-A1-S-7	Directly west of machine shop.	524420.00	3692541.00
		SM-A1-S-8	Adjacent to eastern edge of asphalt site access road.	524476.00	3692499.00
		SM-A1-S-10	Directly east of machine shop, on southern half.	524436.00	3692533.00
		SM-A1-S-11	Due east machine shop on east side of road.	524449.00	3692533.00
	EE/CA	SM-A1-SG	Farthest northwest corner of site.	524375.00	3692675.00
		SM-B2-SG	Northwest corner of site, southeast of survey control point.	524400.00	3692650.00
		SM-C3-SG	Northwest corner of site, north of office and power line.	524425.00	3692625.00
		SM-D2-SG	Northwest corner of site, north of machine shop.	524400.00	3692600.00
		SM-D4-SG	Northern half of Area 1 towards the east, northwest of bamboo patch.	524450.00	3692600.00
		SM-E3-SG	Near center of Area 1 toward the west; east of warehouse in access road.	524425.00	3692575.00
		SM-E5-SG	On eastern edge of Area 1, southeast of bamboo patch.	524475.00	3692575.00
		SM-F2-SG	On western edge of Area 1, west of machine shop.	524400.00	3692550.00
		SM-F4-SG	Near center of Area 1 towards the south, immediately adjacent to northwest corner of trailer.	524450.00	3692550.00
		SM-F6-SG	On eastern edge of Area 1, immediately north of large waste source pile outside bunker complex.	524500.00	3692550.00
		SM-G3-SG	In southwest corner of Area 1, between machine shop and asphalt access road.	524425.00	3692525.00
		SM-G5-SG	In southeast corner of Area 1, immediately west of bunker complex.	524475.00	3692525.00
Area 2	PA/SI	SM-A2-S-10	Immediately south of trash/debris; towards northeast corner of site.	524693.00	3692529.00
		SM-A2-S-15	South of large tailing pond access road on west side. Northwest of large tailings pond.	524517.00	3692424.00
		SM-A2-S-9	Eastern portion of Area 2 near the "tank".	524651.00	3692511.00
	EE/CA	SM-B4-SG	In northwest corner of Area 2, immediately east of concrete water diversion feature on north edge of site.	524450.00	3692650.00
		SM-C5-SG	In northwest corner of Area 2, southeast of concrete water diversion feature.	524475.00	3692625.00
		SM-D6-SG	Towards northwest corner of Area 2, between two ore/material piles, north of power line.	524500.00	3692600.00
		SM-D8-SG	West of northern edge center point of Area 2, north of ore/material piles.	524550.00	3692600.00
		SM-E9-SG	Near center of Area 2 (northern half) towards the north, between ore/material piles and large dump.	524575.00	3692575.00
		SM-E11-SG	Center point of northern edge of Area 2, northeast of large dump.	524625.00	3692575.00
		SM-F8-SG	Towards western edge of Area 2, south of power line and northern of drainage.	524550.00	3692550.00
		SM-F10-SG	North of power line, south of drainage, between two large dumps.	524600.00	3692550.00
		SM-F12-SG	Towards northern edge of Area 2, northeast of tank between power line and access road.	524650.00	3692550.00
		SM-F14-SG	In northeast corner of Area 2, northeast of debris along northern site fence line.	524700.00	3692550.00

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Area 2	EE/CA	SM-G7-SG	On western edge of Area 1, south of drainage, east of bunker complex.	524525.00	3692525.00
		SM-G9-SG	Near center of Area 2 (northern half) towards southwest, north of drainage, south of power line and large dump.	524575.00	3692525.00
		SM-G11-SG	Near center of Area 2 (northern half) towards east, southwest of tank between two drainages.	524625.00	3692525.00
		SM-G13-SG	In northwest portion of Area 2, south of debris, east of access road.	524675.00	3692525.00
		SM-G15-SG	In northeastern most corner of site, along eastern perimeter.	524725.00	3692525.00
		SM-H8-SG	On southern edge of Area 2 (northern half) towards the west, directly above gas line, northwest of Mill Building.	524550.00	3692500.00
		SM-H10-SG	On southern edge of Area 2 (northern half) towards the center, directly north of gas line and access road, northeast of Mill Building.	524600.00	3692500.00
		SM-H12-SG	In southeastern portion of Area 2 (northern half), east on north-south access road, between two drainages.	524650.00	3692500.00
		SM-H14-SG	In northeast portion of site, near eastern edge northwest of concrete spillway.	524700.00	3692500.00
		SM-I3-SG	On western edge of site in southern half of Area 2, northeast of box culvert, directly north of large dump.	524425.00	3692475.00
		SM-I13-SG	In southeastern portion of Area 2 (northern half), due east of concrete spillway, between drainage and ore/material pile	524675.00	3692475.00
		SM-K5-SG	In south portion of Area 2 (southern half), northwest of large tailings pond.	524475.00	3692425.00
Area 3	PA/SI	SM-A3-S-1	On top of large tailings pond berm, northwestern corner.	524552.00	3692439.00
		SM-A3-S-2	Immediately outside of Upper Level of Mill Building on west side.	524574.00	3692466.00
		SM-A3-S-4	Immediately south of Lower Level of Mill Building on large slab.	524587.00	3692452.00
		SM-A3-S-5	Immediately east of Lower Level of Mill Building, just south of loading dock.	524601.00	3692456.00
		SM-A3-S-7	Immediately beneath the tailings vat.	524596.00	3692429.00
	EE/CA	SM-J8-SG	South of Mill Building, on top of large tailings pond berm.	524550.00	3692450.00
Area 5	PA/SI	SM-A5-S-1	Immediately south of small cells within large tailings pond.	524574.00	3692397.00
		SM-A5-S-2	On top of small cell berms within large tailings pond.	524590.00	3692394.00
		SM-A5-S-3	In eastern most small cell within large tailings pond.	524601.00	3692402.00
		SM-A5-S-4	In bottom of large tailings pond, just west of center.	524556.00	3692361.00
		SM-A5-S-5	In bottom of large tailings pond, just east of center.	524590.00	3692360.00
	EE/CA	SM-K7-SG	On northwestern interior slope of large tailings pond berm.	524525.00	3692425.00
		SM-K9-SG	Within northern portion of large tailings pond, in centermost small cell.	524575.00	3692425.00
		SM-L6-SG	On western interior slope of large tailings pond berm.	524500.00	3692400.00
		SM-L8-SG	Near center of large tailings pond towards north.	524550.00	3692400.00
		SM-L10-SG	On eastern interior slope of large tailings pond berm.	524600.00	3692400.00
		SM-M7-SG	In bottom of large tailings pond, in southwest corner.	524525.00	3692375.00
		SM-N8-SG	In bottom of large tailings pond, along southern edge.	524550.00	3692350.00
		SM-N10-SG	On top of southwestern corner of large tailings pond berm.	524600.00	3692350.00
SM-O9-SG	Immediately south of large tailings pond at base of berm slope, north of drainage.	524575.00	3692325.00		

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Site Area	Phase	Sample ID	Description	UTM NAD 83	
				Easting	Northing
Area 6	EE/CA	SM-K3-SG	In northwestern most corner of Area 6, southeast of existing box culvert.	524425.00	3692425.00
		SM-L4-SG	In northwest portion of Area 6, near northern edge of Area 6, east of large tailings pond, south of drainage.	524450.00	3692400.00
		SM-M3-SG	On eastern edge of Area 6, along site's eastern fence perimeter.	524425.00	3692375.00
		SM-M5-SG	In northwest portion of Area 6, near northern edge of Area 6, due south of Area 6, Area, 2, Area 5 intersection.	524475.00	3692375.00
		SM-N4-SG	In southwest corner of Area 6, due northeast of southwest corner of site.	524450.00	3692350.00
		SM-N6-SG	West of northern edge center point of Area 6, southwest of large tailings pond, south of drainage.	524500.00	3692350.00
		SM-O5-SG	In southwest corner of Area 6, near southern edge of Area 6.	524475.00	3692325.00
		SM-O7-SG	Near center of Area 6 towards the north, near northern edge of Area 6, west of drainages intersection.	524525.00	3692325.00
		SM-O11-SG	Northeastern sample location in Area 6, directly south of ore/material piles and drainage.	524625.00	3692325.00
		SM-P8-SG	Near center of Area 6 towards southeast, directly south of large tailings pond.	524550.00	3692300.00
		SM-P10-SG	Near center of eastern half of Area 6, southeast of Area 6.	524600.00	3692300.00
		SM-Q9-SG	Along southern edge of Area 6, in eastern half of Area 6.	524575.00	3692275.00
		SM-Q11-SG	Southeastern most sample location in Area 6, along eastern edge.	524625.00	3692275.00
Background	PA/SI	SM-BK-S-3	Approximately 0.64 miles south of the Site east of HWY 77.	Data not available.	
		SM-BK-S-4	Approximately 1.11 miles south of the Site east of HWY 77.		
		SM-BK-S-5	Approximately 1.89 miles south of the Site east of HWY 77.		
	EE/CA	SM-BKG-1E	Approximately 325 feet southeast from the southeast corner of the Site.	524709.00	3692239.00
		SM-BKG-2E	Approximately 575 feet south of the southeast corner of the Site.	524666.00	3692152.00
		SM-BKG-3E	Approximately 530 feet southwest of the southeast corner of the site.	524594.00	3692184.00
		SM-BKG-4E	Approximately 960 feet southwest of the southeast corner of the site.	524531.00	3692064.00

Table E2
Sample Geographical Coordinates - Direct Push
Sunchief Mill site, Tonto National Forest

Site Area	Point Number	Sample ID (Grid Node)	Description	UTM NAD 83	
				Grid Easting	Grid Northing
Area 2	EE/CA	SM-H4	South of asphalt access road, immediately south of gas line.	524450.00	3692494.90
		SM-H6	South of bunker complex, immediately south of gas line and immediately east of tailings pond access road.	524500.00	3692491.55
		SM-I5	Center of lower portion of Area 2, south of gas line.	524475.00	3692475.00
		SM-J4	West side of lower portion of Area 2, immediately west of larger dump.	524450.00	3692450.00
		SM-J6	East side of lower portion of Area 2, immediately west of tailings pond access road.	524493.40	3692450.08
Area 3	EE/CA	SM-J10	Immediately east of ore/material pile.	524602.21	3692450.00
		SM-J10A	Immediately northeast of ore/material pile.	524601.00	3692463.00
		SM-J10B	On eastern perimeter of Area 3, northwest of well.	524608.00	3692446.00
Area 4	EE/CA	SM-I11	In northwest corner of Area 4, northwest of large waste source pile.	524625.00	3692464.26
		SM-J12	On western edge of large ore/material pile.	524665.80	3692448.10
		SM-K11	On western edge of Area 4, southeast of well.	524625.00	3692425.00
		SM-K12	In middle of Area 4, south of large ore/material pile.	524650.04	3692424.96
		SM-K13	In northeast corner of Area 4, southeast of large ore/material pile.	524675.00	3692425.00
		SM-L12	In center of Area 4.	524650.00	3692400.00
		SM-M11	On western edge of Area 4, towards southwest corner.	524625.00	3692375.00
		SM-M12	Near eastern edge of Area 4, in southeast quarter.	524649.95	3692375.05
Area 5	PA/SI	SM-A5-DP-1	On northwest berm of large tailings pond.	524531.00	3692408.00
		SM-A5-DP-2	On northeast berm of large tailings pond.	524605.00	3692419.00
		SM-A5-DP-3	Immediately southeast of large tailings pond.	524624.00	3692330.00
		SM-A5-DP-4	Immediately south of large tailings pond.	524561.00	3692312.00
		SM-A5-DP-5	Immediately southwest of large tailings pond.	524508.00	3692360.00
		SM-A5-DP-6	Inside large tailings pond in southeast corner.	524578.00	3692335.00
		SM-A5-DP-7	In center of large tailings pond.	524563.00	3692368.00
		SM-A5-DP-8	In bottom of western most small cell within large tailings pond.	524571.00	3692410.00

Table E3
Sample Geographical Coordinates - Waste Source
Sunchief Mill site, Tonto National Forest

Site Area	Point Number	Sample ID (Grid Node)	Description	UTM NAD 83		
				Grid Easting	Grid Northing	
Area 1	PA/SI	SM-A1-WS-5	Pile to the northeast of septic discharge/bamboo patch; east of Office (Waste Pile ID "II").	524462.00	3692588.00	
		SM-A1-WS-9	On eastern edge of Area 1, northeast of bunker complex (Waste Pile ID "DD").	524528.00	3692527.00	
	EE/CA	SM-A1-WS-1E	Ore/material pile due north of Bunker Complex (Waste Pile ID "CC").	524492.64	3692560.68	
Area 2	PA/SI	SM-A2-WS-1	In northwest corner of Area 2, on northern edge of site (Waste Pile ID "Z").	524523.00	3692590.00	
		SM-A2-WS-11	In southeast corner of Area 2, immediately north of gas line (Waste Pile ID "H").	524679.00	3692456.00	
		SM-A2-WS-14	On west edge of site, east of existing box culvert.	524448.00	3692441.00	
		SM-A2-WS-2	On west edge of Area 2, immediately east of drainage and south of power line (Waste Pile ID "AA").	524506.00	3692572.00	
		SM-A2-WS-3	Near center of Area 2, directly under overhead power line (Waste Pile ID "U").	524537.00	3692551.00	
		SM-A2-WS-4	Just northwest of center of Area 2, north of power line (Waste Pile ID "Y").	524565.00	3692565.00	
		SM-A2-WS-5	Dump on south side of drainage.	524552.00	3692507.00	
		SM-A2-WS-6	Dump to the southeast of the center of Area 2, immediately south of power line.	524600.00	3692517.00	
		SM-A2-WS-7	Dump on northern edge of site on north side of drainage (Waste Pile ID "GG").	524624.00	3692554.00	
		SM-A2-WS-8	Pile on southern edge of Area 2, south of drainage (Waste Pile ID "O").	524614.00	3692489.00	
	EE/CA	SM-A2-WS-1E	Largest ore/material pile on western edge of Area 2 (northern half) (Waste Pile ID "W").	524521.57	3692568.00	
		SM-A2-WS-2E	Ore/material pile due northeast of largest ore/material pile, north of power line (Waste Pile ID "X").	524536.49	3692580.79	
		SM-A2-WS-3E	Ore/material pile due east of largest ore/material pile, south of power line (Waste Pile ID "V").	524535.29	3692567.20	
		SM-A2-WS-4E	Ore/material pile northwest of tank, southeast of large dump, north of drainage.	524622.81	3692554.32	
	Area 3	PA/SI	SM-A3-WS-6	Large pile southeast of Mill Building (Waste Pile ID "M").	524611.00	3692437.00
		EE/CA	SM-A3-WS-1E	Vat of material south of Mill Building.	524579.20	3692444.95
	Area 4	PA/SI	SM-A4-WS-1	Large pile in northwest corner of Area 4, immediately south of gas line (Waste Pile ID "J").	524647.00	3692439.00
SM-A4-WS-2			Large pile on northern edge of Area 4, immediately south of gas line (Waste Pile ID "G").	524674.00	3692430.00	
SM-A4-WS-3			In northeast corner of Area 4, near east edge of site.	524696.00	3692415.00	
SM-A4-WS-4			On western edge of Area 4, towards southwest corner.	524635.00	3692353.00	
SM-A4-WS-5			In southwest corner of Area 4, north of drainage (Waste Pile ID "B").	524633.00	3692324.00	
EE/CA		SM-A4-WS-1E	Smaller waste source pile in northwest corner of Area 4, due north of well (Waste Pile ID "L").	524617.61	3692445.92	
		SM-A4-WS-2E	Small waste source pile due south of large ore/material pile in northern portion of Area 4 (Waste Pile ID "G").	524653.07	3692437.14	
		SM-A4-WS-3E	Small ore/material pile in southeast corner of Area 4, near eastern edge (Waste Pile ID "E").	524650.89	3692350.77	
SM-A4-WS-4E	Ore/material pile at center point of southern edge of Area 4 (Waste Pile ID "C").	524631.92	3692341.39			

Table E4
Sample Geographical Coordinates - Sediment
Sunchief Mill site, Tonto National Forest

Area	Point Number	Sample ID (Grid Node)	Description	UTM NAD 83	
				Grid Easting	Grid Northing
Bkgd	PA/SI	SM-BK-SED-1	Drainage north and west of site (north of HWY 70)	524373.70	3692727.80
		SM-BK-SED-2	Southern drainage west of Site (east side of HWY 77)	524413.00	3692439.00
Area 2	EE/CA	SED1	Northwest drainage near fence line; northeast of office.	524444.69	3692648.25
		SED2	Northwest drainage; northeast of office.	524459.56	3692624.51
		SED3	Northwest drainage; east of office.	524474.79	3692606.10
		SED4	East of bamboo patch.	524485.31	3692583.59
		SED5	Downstream from bamboo patch.	524497.71	3692565.34
		SED6	Downstream from waste pile "DD"; sample ID SM-A1-WS-9.	524524.88	3692540.50
		SED7	Downstream of dump piles with sample ID SM-A1-S-5, northwest of waste pile "JJ".	524549.03	3692523.17
		SED8	Downstream and northeast of waste pile "JJ".	524567.55	3692515.32
		SED9	Due north of waste pile "O".	524600.03	3692510.34
		SED10	Downstream of waste pile "O". Upstream of pile "N".	524625.18	3692505.85
		SED11	Upstream/northwest of pile "H".	524649.98	3692485.68
		SED12	Outside of site perimeter fence, ~15 feet east/downstream of concrete spill way.	524724.44	3692476.61
		SED13	Outside of site perimeter fence, ~30 feet east/downstream of concrete spill way.	524744.80	3692479.25
		SED14	Outside of site perimeter fence, ~60 feet east/downstream of concrete spill way.	524767.31	3692476.11
		SED15	In southernmost site drainage, downstream of large tailings pond.	524674.84	3692327.65
		SED16	In southernmost site drainage, upstream of large tailings pond.	524527.90	3692305.17
		SED17	Downstream of existing box culvert, upstream of large tailings pond.	524457.99	3692417.17
Various	PA/SI	SM-A2-SED-12	In southern drainage of northeast corner of site, downstream of north-south access road, upstream of drainage intersection.	524695.00	3692460.00
		SM-A2-SED-13	In northern drainage of northeast corner of site, downstream of north-south access road, upstream of drainage intersection.	524694.00	3692475.00
		SM-A6-SED-1	Drainage directly south of the tailings pond	524577.00	3692302.00
		SM-A7-SED-2	Small drainage east of site	524730.00	3692395.00