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Table 7
Draft XRF Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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				Sample ID:	**MWF-ASH-001**	**MWF-ASH-001**	**MWF-ASH-002**	**MWF-ASH-002**	**MWF-ASH-003**	**MWF-ASH-003**	**MWF-ASH-004**	**MWF-ASH-004**
				Reading :	**12**	**13**	**14**	**15**	**19**	**20**	**23**	**24**
				Sample Date:	**6/22/2016**	**6/23/2016**	**6/24/2016**	**6/25/2016**	**6/29/2016**	**6/30/2016**	**7/3/2016**	**7/4/2016**
				XRF Mode:	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Parameters	**TTLC**	**CHHSLs**	**RSLs**	**Units**								
Ti	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	785	1046	2377	1859
Ti +/-	--	--	--	mg/kg	2228	2301	1317	1635	140	135	383	454
Cr	2500 (III) / 500 (VI)	100000 (III) / 17 (VI)	12000 (III) / 0.3 (VI)	mg/kg	2114	2089	992	1045	64	<LOD	636	588
Cr +/-	--	--	--	mg/kg	138	135	77	94	20	56	56	66
Mn	--	--	180	mg/kg	**1861**	**2302**	**2002**	**1870**	174	131	**1219**	**1106**
Mn +/-	--	--	--	mg/kg	116	118	78	92	16	13	55	66
Fe	--	--	--	mg/kg	18598	11417	76617	79217	3928	1745	25178	31757
Fe +/-	--	--	--	mg/kg	337	229	769	928	49	30	275	385
Co	8000	660	2.3	mg/kg	**699**	**604**	**662**	**760**	<LOD	**44**	**309**	**354**
Co +/-	--	--	--	mg/kg	74	60	91	108	42	10	51	65
Ni	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Ni +/-	--	--	--	mg/kg	144	143	79	100	30	28	69	83
Cu	2500	[illegible]	310	[illegible]	[illegible]	**2680**	**1519**	[illegible]	[illegible]	[illegible]	[illegible]	**919**
Cu +/-	--	[illegible]	--	[illegible]	[illegible]	61	30	[illegible]	[illegible]	[illegible]	[illegible]	24
Zn	5000	23000	[illegible]	[illegible]	**2363**	2534	10364	[illegible]	514	819	985	1065
Zn +/-	--	--	[illegible]	[illegible]	51	53	111	[illegible]	9	11	19	22
As	500	0.07	[illegible]	[illegible]	**34**	**27**	[illegible]	[illegible]	<LOD	<LOD	**16**	**20**
As +/-	--	--	[illegible]	[illegible]	5	5	[illegible]	[illegible]	6	6	5	6
Se	--	--	[illegible]	[illegible]	[illegible]	<LOD	[illegible]	[illegible]	<LOD	<LOD	<LOD	<LOD
Se +/-	--	--	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	2	4	5
Rb	--	--	[illegible]	[illegible]	[illegible]	<LOD	[illegible]	[illegible]	5	4	33	32
Rb +/-	--	--	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1	2	2
Sr	--	--	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	14	251	269
Sr +/-	--	--	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	1	1	4	5
Zr	--	--	[illegible]	[illegible]	302[illegible]	[illegible]	6457	[illegible]	24	20	7341	12398
Zr +/-	--	--	[illegible]	[illegible]	423	[illegible]	62	[illegible]	1	1	67	129
Mo	--	[illegible]	--	[illegible]	<LOD	[illegible]	27	[illegible]	12	17	35	44
Mo +/-	--	[illegible]	--	[illegible]	48	[illegible]	6	[illegible]	2	2	6	8
Ag	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	686	<LOD
Ag +/-	--	--	--	mg/kg	49	48	33	38	21	20	14	36
Cd	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Cd +/-	--	--	--	mg/kg	54	53	37	43	23	22	34	40
Sn	--	--	--	mg/kg	<LOD	<LOD	77	68	<LOD	<LOD	157	<LOD
Sn +/-	--	--	--	mg/kg	86	85	19	22	35	33	19	63
Sb	--	--	--	mg/kg	<LOD	<LOD	<LOD	147	51	39	<LOD	<LOD
Sb +/-	--	--	--	mg/kg	97	96	65	26	13	13	61	72
Ba	--	--	--	mg/kg	1962	3659	1736	1931	<LOD	<LOD	751	<LOD
Ba +/-	--	--	--	mg/kg	272	289	151	194	120	113	117	426
Hg	--	--	--	mg/kg	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Hg +/-	--	--	--	mg/kg	29	28	21	26	7	7	14	16
Pb	1000	80	400	mg/kg	<LOD	<LOD	**311**	**331**	69	**83**	**220**	**227**
Pb +/-	--	--	--	mg/kg	24	22	9	11	3	3	7	9

Notes:
Bold results exceed at least one comparison criteria
Bold and highlight results exceed two or more comparison criteria
mg/kg = milligram per kilogram
<LOD = concentration lower than limit of detection
TTLC = Total Threshold Limit Concntrations
CHHSLs = California Human Health Screening Levels
RSLs = US EPA Regional Screening Levels

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