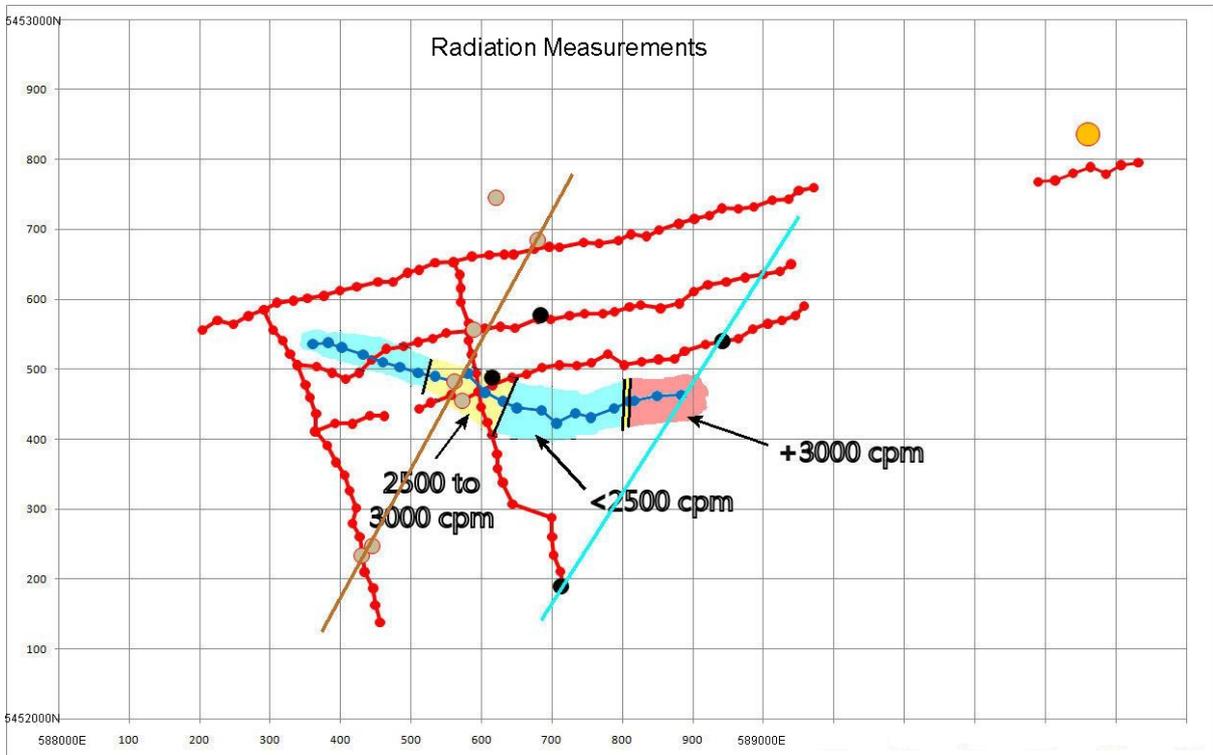
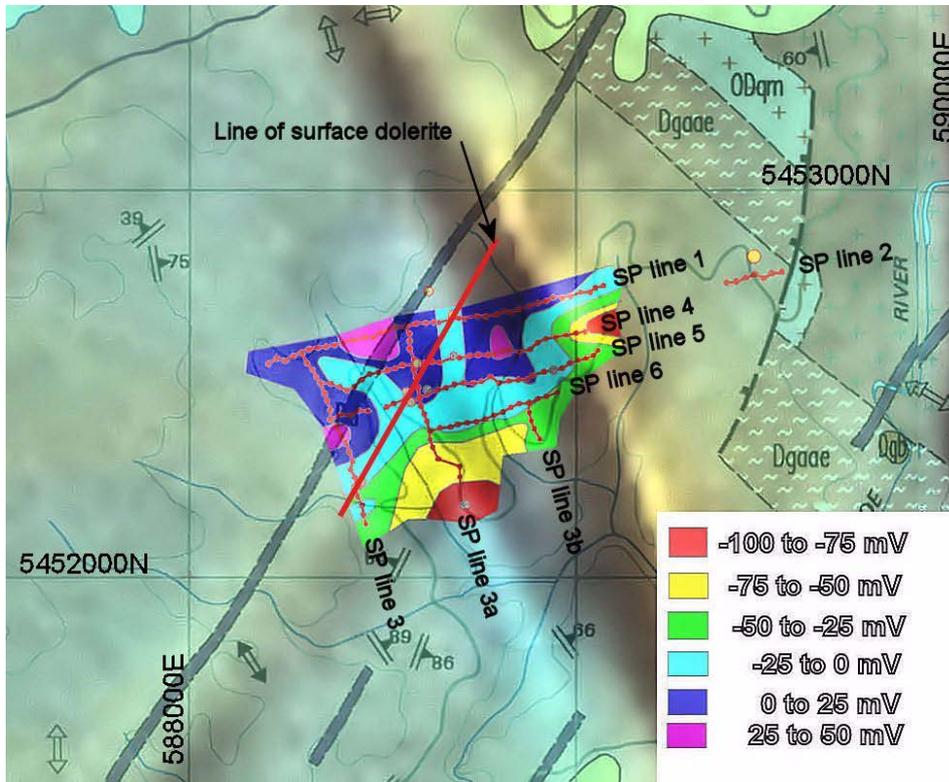


MHM EL3/2007

AMG 66 coordinates for Old Chum Dam SP survey



Radiation

(Using a Technical Associates Model PUG-1)

<u>E</u>	<u>N</u>	<u>(cpm)</u>
588360	5452536	2200
588382	5452538	2200
588402	5452531	1500
588432	5452521	2300
588460	5452510	2300
588484	5452503	2200
588510	5452495	2700
588534	5452490	2500
588562	5452482	2900
588580	5452494	2100
588605	5452467	2000
588630	5452454	2600
588650	5452445	2500
588685	5452441	2700
588706	5452423	2600
588733	5452437	2400
588755	5452431	1900
588788	5452444	2000
588809	5452454	2700
588817	5452455	3200
588849	5452462	3200
588883	5452463	3000

Self Potential Line 1

<u>E</u>	<u>N</u>	<u>Reading</u>	<u>Cum. value</u>
588204	5452556	0	0
588225	5452570	7.8	7.8
588248	5452564	3.8	11.6
588269	5452576	-1.8	9.8
588291	5452585	12.4	22.2
588310	5452595	-21	1.2
588333	5452598	7	8.2
588353	5452601	1.9	10.1
588376	5452605	-10.8	-0.7
588399	5452612	15	14.3
588423	5452618	55	69.3
588453	5452625	-67.6	1.7
588474	5452625	46.7	48.4
588495	5452638	-3.2	45.2
588511	5452642	-38.9	6.3
588534	5452652	32.2	38.5
588560	5452653	-25.1	13.4
588586	5452661	4	17.4
588611	5452663	9	26.4
588632	5452664	-15.1	11.3
588645	5452664	-22.1	-10.8
588675	5452672	5.3	-5.5
588696	5452675	7	1.5
588710	5452674	1.4	2.9
588745	5452681	1.1	4
588767	5452680	14.6	18.6
588794	5452684	-1.1	17.5
588812	5452693	-2.8	14.7
588834	5452690	-12.3	2.4
588852	5452699	20.8	23.2
588880	5452708	-34.2	-11
588902	5452715	1.6	-9.4
588923	5452720	21.6	12.2
588941	5452730	4.9	17.1
588964	5452729	-25	-7.9
588986	5452732	13	5.1
589012	5452742	-2	3.1
589036	5452743	3.1	6.2
589050	5452755	-23.6	-17.4
589071	5452760	7.5	-9.9

SP line 2

<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
589390	5452768	0	0
589414	5452770	-2.8	-2.8
589439	5452780	2.5	-0.3
589464	5452789	-13.7	-14
589486	5452779	19.5	5.5
589507	5452792	-2.7	2.8
589532	5452795	26.7	29.5

SP line 3

Note: Cum. value starts at 588291E 5452585N on line 1

<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
588291	5452585	0	22.2
588304	5452556	28.9	-6.7
588318	5452541	-12.4	5.7
588328	5452522	-2.5	8.2
588338	5452506	-6	14.2
588350	5452478	-5.3	19.5
588356	5452460	19.6	-0.1
588365	5452436	-18.2	18.1
588364	5452411	-9.1	27.2
588381	5452391	1.1	26.1
588393	5452367	5.7	20.4
588406	5452348	-10.1	30.5
588413	5452326	0.8	29.7
588422	5452302	36.9	-7.2
588417	5452280	3.2	-10.4
588427	5452260	2.3	-12.7
588430	5452235	17.6	-30.3
588434	5452210	-2.1	-28.2
588446	5452187	7.4	-35.6
588449	5452163	-28.2	-7.4
588456	5452138	9.1	-16.5

SP line 3a

Note: Cum. value Starts at 588560E 5452653N on line 1

<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
588560	5452653	0	13.4
588569	5452635	-12.1	25.5
588570	5452616	23.3	2.2
588570	5452596	17.1	-14.9
588582	5452566	-28.1	13.2
588581	5452541	4.3	8.9
588586	5452521	-3	11.9
588592	5452494	12.7	-0.8
588596	5452468	-21.1	20.3
588599	5452446	33.5	-13.2
588608	5452424	-15	1.8
588615	5452406	11	-9.2
588622	5452379	-16.1	6.9
588623	5452358	97.5	-90.6
588630	5452338	-27.7	-62.9
588644	5452307	7	-69.9
588699	5452288	4.4	-74.3
588700	5452260	-13.6	-60.7
588702	5452234	36.7	-97.4
588712	5452211	-23.6	-73.8
588716	5452189	8.1	-81.9

SP line 3b

Note: Cum. value starts at 588879E 5452454N on line 6

<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
588879	5452454	0	-11.3
588879	5452428	26.5	-37.8
588885	5452406	20.6	-58.4
588893	5452385	-19.6	-38.8
588907	5452360	-6.5	-32.3

SP Line 4

Note: Cum. value starts at 588338E 5452506N on line 3

<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
588338	5452506	0	14.2
588366	5452504	-37.6	-23.4
588388	5452495	25.5	2.1
588407	5452486	5.5	7.6
588426	5452495	-9.3	-1.7
588444	5452513	-13	-14.7
588465	5452529	5.7	-9
588489	5452533	1.7	-7.3
588510	5452539	5.1	-2.2
588531	5452544	14.1	11.9
588550	5452552	37	48.9
588582	5452554	-45.4	3.5
588605	5452558	-3.2	0.3
588627	5452561	19.7	20
588647	5452559	-31	-11
588680	5452572	-5.3	-16.3
588698	5452571	10.2	-6.1
588725	5452577	21.2	15.1
588746	5452579	-14.1	1
588772	5452579	49	50
588789	5452582	-35.5	14.5
588810	5452589	54.6	69.1
588826	5452592	-70.4	-1.3
588854	5452587	23.3	22
588881	5452594	-50.2	-28.2
588901	5452611	15.3	-12.9
588921	5452621	14.1	1.2
588947	5452625	-29	-27.8
588974	5452631	-29.9	-57.7
677000	5452636	-2.6	-60.3
588023	5452640	-30.8	-91.1
588039	5452650	9.2	-81.9

SP Line 5

Note: Cum. value for start of western segment starts at 588364E 5452411N on line 3, and for western segment, where it crosses line 3a at 588596E 5452468N.

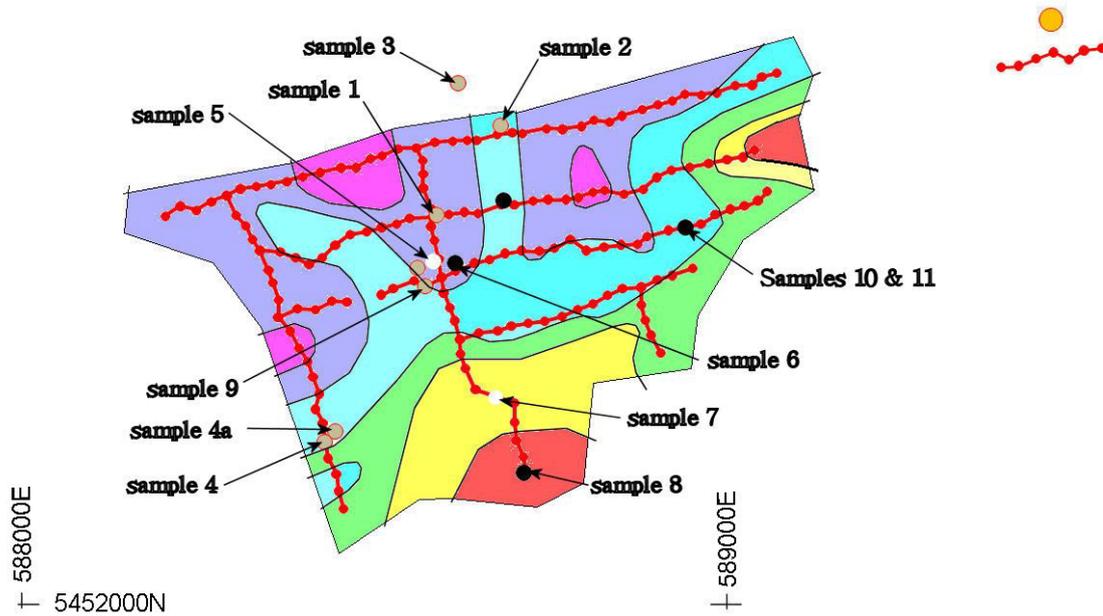
<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
588364	5452411	0	27.2
588392	5452423	-19	8.2
588417	5452422	-3.6	4.6
588441	5452434	20.4	25
588462	5452433	-30.5	-5.5
588511	5452443	-13.1	5.3
588528	5452452	5.8	-7.8
588557	5452463	-11.2	-2
588573	5452455	33.5	-13.2
588596	5452468	0	20.3
588616	5452477	-12	8.3
588643	5452488	-5.7	2.6
588664	5452493	7.2	9.8
588686	5452502	-23.6	-13.8
588710	5452506	23.5	9.7
588735	5452505	-20.4	-10.7
588756	5452509	23.6	12.9
588779	5452522	-19.8	-6.9
588802	5452506	-6.2	-13.1
588827	5452511	-8.4	-21.5
588851	5452514	17.8	-3.7
588874	5452515	-0.8	-4.5
588888	5452526	12.2	7.7
588918	5452535	-10.4	-2.7
588942	5452540	-4.2	-6.9
588964	5452544	-12.1	-19
588985	5452557	5.8	-13.2
589006	5452565	-22	-35.2
589026	5452570	10.6	-24.6
588045	5452577	-3.7	-28.3
588058	5452590	-6.8	-35.1

SP Line 6

Note: Cum. value starts at 588622E 5452379N on line 3a

<u>Easterly</u>	<u>Northerly</u>	<u>Reading</u>	<u>Cum. value</u>
588622	5452379	0	6.9
588649	5452388	-23.1	-16.2
588676	5452391	6.2	-10
588695	5452398	9.3	-0.7
588719	5452402	-20.5	-21.2
588742	5452405	14.6	-6.6
588767	5452412	10.6	4
588789	5452422	-20.5	-16.5
588811	5452430	17.5	1
588832	5452442	-23	-22
588853	5452452	8.9	-13.1
588879	5452454	1.8	-11.3
588902	5452465	1.2	-10.1
588923	5452471	-11.6	-21.7
588952	5452481	-21	-42.7

Surface rock samples



<u>Sample no.</u>	<u>Rock</u>	<u>E</u>	<u>N</u>
1	dolerite	588589	5452557
2	dolerite	588680	5452685
3	?	588620	5452745
4	dolerite	588430	5452233
4a	dolerite	588440	5452243
5	weathered granite	588592	5452494
6	Aplite??	588610	5452480
7	weathered granite	588670	5452309
8	microgranite	588730	5452189
9	dolerite	588573	5452455
10	microgranite	588942	5452540
11	microgranite	588942	5452540

Surface rock sample NITON analysis

SAMPLE	LOCATION			Pb	Zn	Ag	Sn	Th	Sb	Zr	Sr
line 3a 375S	588670E	5452309N	weathered granite	28.33	< LOD	26.08	79.2	22.86	113.44	138.15	25.88
sample 9	588573E	5452455N	Dolerite	43.4	< LOD	< LOD	69.31	< LOD	68.31	357.68	450.47
sample 6	588610E	5452480N	Aplite?	42.8	< LOD	15.1	92.16	20.96	97.22	45.37	10.64
sample 5	588592E	5452494N	weathered granite	28.3	< LOD	15.22	96.32	28.77	106.88	407.22	50.8
sample 8	588730E	5452189N	microgranite	23.7	46.34	15.9	78.68	< LOD	85.29	147.63	97.2
sample 8	588730E	5452189N	microgranite	< LOD	48.56	< LOD	49.9	19.47	48.79	203.01	107.22
sample 8	588730E	5452189N	microgranite	22.05	49.36	17.17	88.75	< LOD	89.82	188.94	102.39
sample 4a	588440E	5452243N	Dolerite (lighter colour)	< LOD	< LOD	17.8	93.08	< LOD	88.39	292.47	345.06
sample 4	588430E	5452233N	Dolerite	25.61	102.17	< LOD	155.77	< LOD	168.36	262.28	206.93
sample 4	588430E	5452233N	Dolerite	21.41	123.17	18.75	101.67	< LOD	127.83	345.69	259.78
sample 4	588430E	5452233N	Dolerite	30.54	< LOD	< LOD	75.62	22.3	72.59	404.73	246.36
sample 3	588620E	5452745N	?	15.56	34.05	< LOD	76.79	14.64	65.4	453.06	31.52
sample 3	588620E	5452745N	?	< LOD	< LOD	< LOD	65.35	14.27	54.91	429.04	51.42
sample2	588680E	5452685N	Dolerite	21.15	103.31	< LOD	106.94	< LOD	93.19	283.13	286.67
sample 1	588589E	5452557N	Dolerite (lighter colour)	< LOD	83.55	21.84	97.02	< LOD	101.56	274.06	332.5
sample 1	588589E	5452557N	Dolerite (darker)	87.83	< LOD	< LOD	115.81	< LOD	111.74	330.51	429.76

Rb	Ni	Co	Fe	Mn	Cr	V	Ti	Sc	Ca	K	Ba	Cs	Te	Cd
141.76	< LOD	< LOD	29018.93	270.94	< LOD	< LOD	3318.43	61.89	< LOD	10010.06	723.93	196.55	390.2	33.18
190.09	< LOD	595.43	66410.85	367.27	< LOD	< LOD	6031.5	< LOD	15263.7	10473.13	827.25	135.21	218.95	< LOD
369.3	< LOD	< LOD	3187.56	102.26	< LOD	< LOD	778.76	< LOD	2476.61	55328.57	499.14	150.39	328.04	< LOD
99.12	< LOD	< LOD	22213.41	< LOD	< LOD	< LOD	3265.64	35.87	893.75	13594.56	824.9	171.61	321.38	< LOD
183.02	< LOD	< LOD	20864.01	286.11	< LOD	< LOD	3177.48	65.65	10612.75	16119.31	590.05	153.07	322.54	31
184.03	< LOD	< LOD	29591.47	227.25	< LOD	< LOD	3090.94	< LOD	5538.27	11590.87	499.67	115.14	188.17	< LOD
116.39	< LOD	< LOD	23829.33	354.04	< LOD	< LOD	4006.56	< LOD	8762.14	9689.76	577.89	160.01	251.5	24.29
106.22	< LOD	< LOD	61695.53	899.66	< LOD	< LOD	2955.3	< LOD	18762.64	9521.44	766.21	164.63	350.02	23.36
172.65	321.81	< LOD	221955.1	729.01	< LOD	< LOD	635.59	< LOD	1632.53	2328.31	1194.84	281.04	518.24	36.3
114.04	< LOD	< LOD	97065.4	1092.67	< LOD	154.25	3496.02	< LOD	12031.47	5597.89	897.31	215.03	333.49	29.15
126.74	< LOD	< LOD	152107.8	518.82	< LOD	< LOD	11952.41	< LOD	3183.71	3901.99	857.4	169.67	307.43	< LOD
65.88	< LOD	< LOD	4113.12	< LOD	50.58	< LOD	6270.89	< LOD	< LOD	6929.77	641.53	140.25	252.76	< LOD
65.14	< LOD	< LOD	4232.84	144.56	< LOD	< LOD	7059.61	< LOD	892.21	10075.3	610.48	116.92	232.25	< LOD
86.44	< LOD	< LOD	72942.38	1243.15	122.43	< LOD	4522.9	< LOD	14826.87	4870.18	861.49	212.9	348.94	28.93
100.65	< LOD	< LOD	72151.88	1042.57	< LOD	< LOD	3576.75	< LOD	13933.83	4650.12	1084.01	227.97	375.58	34.26
33.46	< LOD	< LOD	145221.7	472.41	< LOD	< LOD	4711.48	< LOD	15873.73	3876.63	826.1	219.52	399.29	36.2

Niton Analysis along line 1

Line 1 Soil

Units	SAMPLE	LOCATION	As	Pb	Cu	Zn	Ag	Sn
ppm	sp1 550	588794E 5452684N	< LOD	15.47	< LOD	< LOD	< LOD	50.89
ppm	sp1 675	588902E 5452715N	< LOD	55.06				
ppm	sp1 700	588923E 5452720N	< LOD	30.23				
ppm	sp1 725 soil	588941E 5452730N	< LOD	51.38				
ppm	sp1 750 soil	588964E 5452729N	< LOD	43.15				
ppm	sp1 775 soil	588986E 5452732N	< LOD	53.01				
ppm	sp1 800 soil	589012E 5452742N	< LOD	41.48				
ppm	sp1 825 soil	589036E 5452743N	< LOD	56.27				
ppm	sp1 850 soil	589050E 5452755N	< LOD	38.19				
ppm	sp1 870 soil	589071E 5452760N	< LOD	< LOD	85.99	< LOD	< LOD	28.97

W	Th	Mo	Sb	Zr	Sr	U	Rb	Se	Hg	Ni	Co	Fe
< LOD	29.72	< LOD	61.58	909.7	29.58	< LOD	64.33	< LOD	< LOD	< LOD	< LOD	2435.82
< LOD	17.52	< LOD	68.3	786.58	11.72	< LOD	11.01	< LOD	< LOD	< LOD	< LOD	4236.46
< LOD	27.6	< LOD	42.8	697.94	14.88	< LOD	27.56	< LOD	< LOD	< LOD	< LOD	17953.63
< LOD	14.09	< LOD	52.14	483.07	48.76	< LOD	61.7	< LOD	< LOD	85.76	< LOD	6150.3
< LOD	14.29	< LOD	51.41	454.72	14.57	< LOD	27.37	< LOD	< LOD	< LOD	< LOD	2935.49
< LOD	< LOD	< LOD	65.34	590.92	13.28	< LOD	15.58	< LOD	< LOD	< LOD	< LOD	1632.64
< LOD	15.65	< LOD	52.54	524.93	16.21	< LOD	26.28	< LOD	< LOD	< LOD	< LOD	1926.64
< LOD	11.32	< LOD	58.96	578.02	8.33	< LOD	11.79	< LOD	< LOD	< LOD	< LOD	1250.51
< LOD	< LOD	< LOD	51.15	516.46	< LOD	464.47						
< LOD	< LOD	< LOD	34.76	319.32	10.11	< LOD	796.48					

Mn	Cr	V	Ti	Sc	Ca	K	S	Ba	Cs	Te	Cd	Pd
< LOD	< LOD	< LOD	5212.79	< LOD	759.67	26206.9	< LOD	449.64	109	206.1	< LOD	< LOD
107.08	< LOD	< LOD	7484.29	< LOD	< LOD	3794.45	< LOD	421.82	127.77	169.14	19.63	< LOD
< LOD	< LOD	< LOD	8086.62	< LOD	< LOD	5805.26	< LOD	324.65	81.5	126.15	< LOD	< LOD
< LOD	< LOD	< LOD	5221.91	< LOD	1538.59	19035.26	< LOD	406.85	101.34	203.69	< LOD	< LOD
< LOD	< LOD	< LOD	3269.82	< LOD	< LOD	9047.21	< LOD	359.32	104.03	178.28	< LOD	< LOD
< LOD	< LOD	< LOD	3793.29	< LOD	409.57	6132.44	< LOD	322.18	96.96	170.73	< LOD	< LOD
< LOD	< LOD	< LOD	5634.77	< LOD	337.22	13246.07	< LOD	265.56	67.47	145.4	< LOD	< LOD
< LOD	< LOD	< LOD	4281.97	< LOD	< LOD	7056.08	< LOD	359.69	103.46	194.94	< LOD	< LOD
< LOD	< LOD	< LOD	3606.4	< LOD	< LOD	2038.07	< LOD	293.02	94.42	202.33	< LOD	< LOD
< LOD	< LOD	< LOD	2385.12	< LOD	1029.41	2922.96	< LOD	186.13	60.3	121.47	< LOD	< LOD

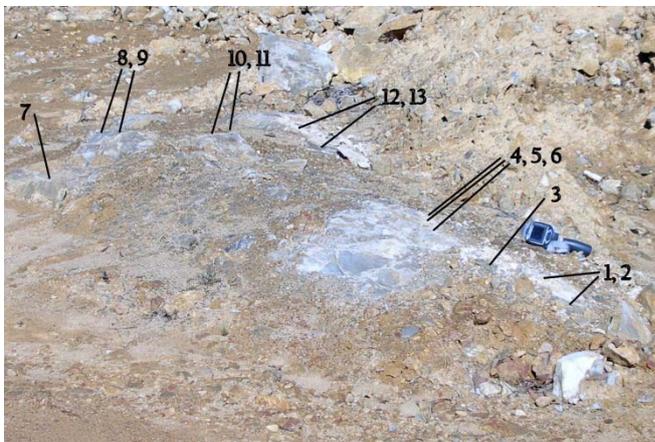
Line 1 Rock

Units	SAMPLE	LOCATION (within 2m radius of)	As	Pb	Cu	Zn	Ag	Sn
ppm	sp1 50w rock	588248E 5452564N	< LOD	18.3	< LOD	56.47	< LOD	31.57
ppm	sp1 50w rock	588248E 5452564N	< LOD	30.32	< LOD	< LOD	< LOD	91.63
ppm	sp1 50w rock	588248E 5452564N	< LOD	< LOD	< LOD	< LOD	15.65	70.46
ppm	sp1 50w rock	588248E 5452564N	< LOD	14.53	< LOD	< LOD	< LOD	50.28
ppm	sp1 50w rock	588248E 5452564N	< LOD	17.33	< LOD	< LOD	< LOD	75.83
ppm	sp1 25w rock	588269E 5452576N	< LOD	< LOD	< LOD	< LOD	24.8	93.01
ppm	sp1 25w rock	588269E 5452576N	< LOD	23.43	< LOD	27.64	< LOD	65.44
ppm	sp1 25w rock	588269E 5452576N	< LOD	19.6	< LOD	< LOD	< LOD	95.24
ppm	sp1 0w granite	588291E 5452585N	< LOD	34.56	< LOD	43.23	23.1	85.73
ppm	sp1 0w granite	588291E 5452585N	< LOD	37.17	< LOD	58.82	19.6	111.54
ppm	sp1 0w granite	588291E 5452585N	< LOD	41.32	< LOD	< LOD	35.92	161.87
ppm	sp1 0w granite	588291E 5452585N	< LOD	27.16	< LOD	32.83	< LOD	63.78
ppm	sp1 0w granite	588291E 5452585N	< LOD	26.42	< LOD	58.65	< LOD	66.51
ppm	sp1 0w granite	588291E 5452585N	< LOD	55.58	< LOD	< LOD	20.45	93.15
ppm	sp1 0w granite	588291E 5452585N	21.56	47.63	< LOD	< LOD	15.81	82.77
ppm	rock n of line 1 0w	588291E 5452590N	< LOD	34.33	< LOD	< LOD	< LOD	70.68
ppm	rock n of line 1 0w	588291E 5452590N	< LOD	42.8	< LOD	< LOD	< LOD	82.59
ppm	sp1 725 granite	588941E 5452730N	< LOD	20.62	< LOD	< LOD	< LOD	82.84
ppm	sp1 750 granite	588964E 5452729N	< LOD	19.02	< LOD	25.16	17.47	85.91
ppm	sp1 870 granite	589071E 5452760N	< LOD	55.08				

W	Th	Mo	Sb	Zr	Sr	U	Rb	Se	Hg	Ni	Co	Fe
< LOD	< LOD	< LOD	< LOD	111.22	221.5	< LOD	136.22	< LOD	< LOD	< LOD	< LOD	10724.17
< LOD	22.06	12.97	77.05	241.75	115.55	< LOD	107.59	< LOD	< LOD	< LOD	< LOD	56059.98
< LOD	< LOD	< LOD	60.33	83.17	121.21	< LOD	75.41	< LOD	< LOD	< LOD	< LOD	4915.7
< LOD	< LOD	< LOD	64.76	146.47	66.38	< LOD	98.85	< LOD	< LOD	< LOD	< LOD	7129.92
< LOD	< LOD	< LOD	72.34	132.19	189.54	< LOD	127.34	< LOD	< LOD	< LOD	< LOD	3729.46
< LOD	< LOD	< LOD	71.72	83.01	173.81	< LOD	225.88	< LOD	< LOD	< LOD	< LOD	5201.58
< LOD	< LOD	< LOD	61.19	225.92	148.3	< LOD	234.66	< LOD	< LOD	< LOD	< LOD	17165.61
< LOD	< LOD	< LOD	73.86	64.26	74.42	< LOD	68.67	< LOD	< LOD	< LOD	< LOD	66866.75
< LOD	31.6	< LOD	127.53	241.87	54.27	< LOD	243.32	< LOD	< LOD	< LOD	< LOD	26542.45
< LOD	< LOD	< LOD	112.34	168.85	102.05	< LOD	224	< LOD	< LOD	< LOD	< LOD	26293.01
< LOD	< LOD	< LOD	163.12	42.06	131.64	< LOD	274.24	< LOD	< LOD	< LOD	< LOD	6908.69
< LOD	16.02	< LOD	33.36	394.17	92.82	< LOD	135.08	< LOD	< LOD	< LOD	< LOD	15829.66
< LOD	20.54	< LOD	39.14	590.51	100.83	< LOD	213.39	< LOD	< LOD	< LOD	< LOD	18582.96
< LOD	< LOD	< LOD	101.11	84.31	137.51	< LOD	296.5	< LOD	< LOD	< LOD	< LOD	6609.15
< LOD	< LOD	< LOD	99.19	82.32	113.82	< LOD	248.45	< LOD	< LOD	< LOD	< LOD	14413.89
< LOD	25.06	< LOD	52.39	160.94	40.8	< LOD	258.36	< LOD	< LOD	< LOD	614.24	56519.86
< LOD	37.43	< LOD	67.42	222.17	39.97	< LOD	236.67	< LOD	< LOD	< LOD	1063.85	89472.94
< LOD	< LOD	< LOD	90.89	239.67	113.07	< LOD	108.1	< LOD	< LOD	< LOD	< LOD	15241.94
< LOD	< LOD	< LOD	91.13	131.71	187.47	< LOD	91.6	< LOD	< LOD	< LOD	< LOD	8647.91
< LOD	23.26	< LOD	47.44	1182.55	12.69	< LOD	20.44	< LOD	< LOD	< LOD	< LOD	834.97

Mn	Cr	V	Ti	Sc	Ca	K	S	Ba	Cs	Te	Cd	Pd
403.97	< LOD	< LOD	2156.92	< LOD	13007.26	13233.15	< LOD	514.8	100.94	138.53	< LOD	< LOD
226.11	< LOD	< LOD	3191.77	< LOD	4412.53	8288.04	< LOD	746.24	158.41	249.11	< LOD	< LOD
< LOD	< LOD	99.13	2044.17	< LOD	4850.75	10577.36	< LOD	502.17	131.6	255.12	< LOD	< LOD
< LOD	< LOD	< LOD	1931.5	< LOD	3275.9	12451.14	< LOD	543.29	119.39	226.93	< LOD	< LOD
125.55	< LOD	< LOD	1093.17	< LOD	12997.47	20567.44	< LOD	591.95	136.81	255.26	21.8	< LOD
128.21	< LOD	< LOD	1761.29	42.64	7781.7	26683.88	< LOD	739.7	149.48	269.33	27.36	< LOD
389.1	< LOD	< LOD	4414.94	< LOD	15982.39	14926.06	< LOD	580.14	144.22	233.9	< LOD	< LOD
506.11	< LOD	< LOD	4880.98	< LOD	5786.88	6343.56	< LOD	773.7	177	290.2	20.76	< LOD
529.86	< LOD	< LOD	2924.62	< LOD	2187.75	26908.66	< LOD	886.42	201.21	337.27	36.89	< LOD
486.76	< LOD	< LOD	2845.28	56.36	4689.17	18144.91	< LOD	1155.04	221.44	455.19	36.26	24.61
< LOD	< LOD	< LOD	858.68	31.35	1798.34	35758.13	< LOD	1528.85	298	545.09	55.52	40.44
308.04	< LOD	< LOD	5969.34	< LOD	10821.15	12735.6	< LOD	393.5	108.63	193.08	< LOD	< LOD
315.84	< LOD	< LOD	3255.09	57.13	11169.34	10712.11	< LOD	499.91	134.59	202.13	< LOD	< LOD
125.22	< LOD	< LOD	1253.27	< LOD	2906.78	72702.39	< LOD	1189.82	191.82	330.7	25.32	< LOD
< LOD	< LOD	< LOD	2858.49	< LOD	1146.01	45820.73	< LOD	1042.46	193.07	375.49	< LOD	25.83
< LOD	87.31	< LOD	3877.34	< LOD	< LOD	36157.35	< LOD	1266.56	146	254.89	< LOD	< LOD
285.14	79.95	152	5533.54	< LOD	< LOD	27176.08	< LOD	1230.07	174.15	268	< LOD	< LOD
456.34	< LOD	< LOD	2312.41	< LOD	5156.13	25750.91	< LOD	590.51	156.39	298.73	< LOD	< LOD
150.43	103.84	< LOD	1603.08	55.27	11041.63	15506.86	< LOD	614.02	156.84	274.27	24.74	21.48
< LOD	< LOD	< LOD	8306.8	< LOD	721.36	7938.37	< LOD	333.74	95.45	182.45	< LOD	< LOD

Gunns Quarry sites



Site 1: (589487E 5452837N)



Site 2: (589499E 5452854N)

The “white vein loose samples” were samples around site 1 that someone had chipped free.

Numbered sample sites, - Gunns Quarry

	As	Pb	Zn	Th	Zr	Sr	U	Rb	Ni	Co	Fe	Mn	Cr	Ti	Sc	Ca	K	S	Ag	Sn	Sb	Ba	Cs	Te	Cd	Pd	
Site 1 (569487E 6452837N)																											
1	<LOD	<LOD	82.9	<LOD	326.2	65.5	<LOD	307.2	<LOD	<LOD	25252.4	469.5	<LOD	32183	<LOD	8741.6	8623.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
2	<LOD	42.2	<LOD	<LOD	12.2	62.3	<LOD	200.5	<LOD	<LOD	4189.2	<LOD	<LOD	362.4	<LOD	2070.0	41969.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
3	<LOD	20.5	<LOD	<LOD	363.2	147.3	<LOD	100.7	<LOD	<LOD	11767.6	131.1	122.1	3203.8	<LOD	3656.2	11660.3	26893.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
4	<LOD	37.0	<LOD	<LOD	40.0	335.4	30.3	<LOD	103.1	<LOD	16814.9	<LOD	<LOD	2544.4	<LOD	2596.7	15233.1	<LOD	17.0	78.8	67.7	711.5	151.6	270.9	<LOD	<LOD	
5	<LOD	<LOD	40.3	237.5	55.4	16.2	56.7	<LOD	<LOD	<LOD	5946.0	<LOD	<LOD	1021.5	<LOD	2311.7	11359.0	21702.9	<LOD	73.8	62.6	440.9	119.4	228.2	<LOD	<LOD	
6	<LOD	21.9	50.0	26.0	616.4	20.5	<LOD	143.7	<LOD	<LOD	20941.7	316.6	112.8	4719.9	<LOD	2686.1	12087.5	<LOD	23.9	96.0	94.4	510.6	158.2	303.2	21.8	<LOD	
7	<LOD	17.4	32.4	22.6	256.2	42.2	<LOD	94.1	<LOD	<LOD	14511.3	146.6	<LOD	2782.4	<LOD	3154.8	12634.0	<LOD	<LOD	79.7	69.7	543.2	149.8	265.6	<LOD	<LOD	
8	<LOD	17.7	<LOD	<LOD	359.3	98.1	<LOD	108.0	<LOD	<LOD	13157.7	<LOD	<LOD	3134.9	<LOD	2405.0	17541.5	25263.7	14.0	72.2	91.3	767.5	161.5	266.2	25.0	<LOD	
9	<LOD	17.7	<LOD	<LOD	250.0	186.0	<LOD	146.2	<LOD	<LOD	6712.7	<LOD	88.9	2105.0	<LOD	3817.6	18473.3	<LOD	<LOD	61.3	89.3	595.9	141.8	272.3	<LOD	<LOD	
10	<LOD	16.2	43.6	<LOD	396.1	80.1	<LOD	121.0	<LOD	<LOD	16829.2	161.3	105.3	3407.4	<LOD	2910.1	20143.6	34837.0	15.1	86.9	93.1	604.3	160.9	307.0	18.7	<LOD	
11	<LOD	<LOD	<LOD	22.2	361.4	51.6	<LOD	80.2	<LOD	<LOD	15338.5	147.7	107.6	2781.6	<LOD	2658.9	14782.0	<LOD	<LOD	85.7	90.0	769.6	173.7	340.6	26.9	<LOD	
12	<LOD	<LOD	41.3	22.5	127.7	98.6	<LOD	249.4	<LOD	<LOD	33409.5	243.0	86.7	3181.3	<LOD	2306.9	26674.8	27923.4	<LOD	95.2	68.4	1399.7	185.2	331.1	25.7	<LOD	
13	<LOD	86.0	<LOD	<LOD	13.7	51.0	<LOD	229.0	<LOD	<LOD	1752.4	<LOD	<LOD	409.9	<LOD	2688.5	67786.4	<LOD	<LOD	113.7	116.3	827.9	212.1	481.6	35.0	26.6	

Site 2 (569499E 6452854N)

14	<LOD	17.3	22.2	16.8	256.3	23.8	<LOD	64.0	<LOD	<LOD	12848.1	<LOD	57.7	2913.2	<LOD	2166.8	20614.9	28071.7	12.9	78.1	72.7	762.0	130.8	224.5	22.2	<LOD
15	<LOD	26.7	77.4	23.5	135.7	83.1	<LOD	157.0	114.9	<LOD	44745.6	428.3	155.4	3010.1	<LOD	1884.6	24970.3	<LOD	<LOD	65.7	48.4	1252.5	140.4	144.5	<LOD	<LOD
16	<LOD	<LOD	<LOD	31.6	372.1	22.8	<LOD	73.8	<LOD	<LOD	10968.4	<LOD	<LOD	3545.1	<LOD	2273.1	14694.7	<LOD	<LOD	64.4	43.3	748.6	123.0	208.2	<LOD	<LOD
17	59.2	27.7	<LOD	36.6	154.2	20.3	<LOD	67.0	<LOD	<LOD	#####	<LOD	<LOD	1211.8	<LOD	530.8	2919.8	<LOD	<LOD	137.0	167.7	1597.0	333.7	594.8	<LOD	<LOD
18	<LOD	21.2	37.5	24.5	147.9	47.5	<LOD	188.9	<LOD	<LOD	22494.1	<LOD	170.4	4430.3	<LOD	2195.7	32266.1	<LOD	<LOD	88.6	78.4	1118.9	173.1	290.3	21.9	<LOD
19	<LOD	<LOD	73.8	36.8	134.0	48.3	<LOD	229.4	<LOD	<LOD	34456.6	233.8	102.5	2835.7	<LOD	1857.9	22606.4	<LOD	<LOD	84.6	66.7	1106.1	149.5	223.1	<LOD	<LOD
20	<LOD	24.6	54.5	32.8	152.6	37.7	<LOD	128.9	<LOD	<LOD	51900.2	400.3	111.6	2717.4	<LOD	1649.6	17468.4	<LOD	<LOD	78.8	76.2	813.7	173.3	280.9	<LOD	<LOD
21	<LOD	<LOD	<LOD	<LOD	40.5	15.0	<LOD	53.4	<LOD	<LOD	11867.1	136.6	108.6	1797.5	<LOD	2291.5	11280.9	22778.9	<LOD	68.0	98.3	572.2	158.3	313.9	20.6	27.3

White vein loose samples

(on surface around site 1)

	As	Pb	Cu	Zn	Th	Zr	Sr	Rb	Ni	Co	Fe	Mn	Cr	Ti	Sc	Ca	K	S	Ag	Sn	Sb	Ba	Cs	Te	Cd	Pd	
	<LOD	25.0	<LOD	<LOD	28.8	111.0	11.8	142.1	<LOD	<LOD	10219.4	166.3	<LOD	460.2	<LOD	32.6	1993.1	28034.0	<LOD	<LOD	69.1	54.6	426.3	121.4	191.5	<LOD	<LOD
	<LOD	109.0	153.6	52.8	28.1	230.4	25.4	111.3	93.5	492.9	976.7	15341.8	139.2	<LOD	<LOD	2041.4	34682.6	<LOD	<LOD	85.0	89.8	628.3	164.1	347.0	18.1	<LOD	
	<LOD	48.5	<LOD	<LOD	29.6	116.9	57.0	123.3	<LOD	<LOD	4419.7	<LOD	<LOD	256.2	<LOD	4138.2	23568.8	<LOD	<LOD	16.3	84.2	104.8	567.4	159.1	310.7	22.3	<LOD
	<LOD	<LOD	<LOD	<LOD	35.7	27.0	316.5	142.5	280.7	<LOD	16942.6	196.2	<LOD	3870.6	<LOD	2260.2	71062.1	30891.0	<LOD	62.0	88.6	855.8	154.0	253.6	<LOD	<LOD	
	<LOD	18.2	<LOD	<LOD	13.8	118.3	32.6	116.1	<LOD	<LOD	1798.9	<LOD	<LOD	807.3	<LOD	2075.1	31943.2	<LOD	13.7	70.4	95.5	472.5	145.5	303.8	22.2	<LOD	
	46.8	400.2	<LOD	46.7	81.3	260.0	74.0	33.3	208.7	1119.1	5039.6	17129.8	225.2	<LOD	<LOD	3455.9	5596.2	24606.5	15.8	91.6	126.4	684.1	171.3	378.5	25.1	<LOD	

Rocks to south of quarry

Weathered granite rocks on ground

immediately to SW of quarry

(no coordinates taken)

	<LOD	34.94	32.41	24.86	252.30	25.59	<LOD	126.45	<LOD	<LOD	47047.15	<LOD	136.90	3040.16	<LOD	1497.51	18451.47	28762.95	<LOD	94.42	86.68	974.15	170.49	342.96	24.23	<LOD
	<LOD	22.33	41.83	20.77	219.47	59.93	<LOD	134.29	<LOD	306.15	25504.36	226.73	135.12	3409.03	<LOD	2344.47	29041.28	<LOD	<LOD	99.46	90.58	1138.35	184.19	349.71	21.68	<LOD
	<LOD	<LOD	<LOD	13.68	365.77	17.48	<LOD	46.99	<LOD	<LOD	13922.67	241.94	85.01	2331.27	<LOD	2187.87	14036.16	<LOD	<LOD	74.20	102.42	595.36	191.91	350.54	18.82	<LOD
	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	706.35	<LOD	<LOD	401.82	<LOD	1996.28	1444.80	24716.13	15.02	71.70	70.51	486.90	158.80	297.02	20.17	<LOD
	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	368.54	<LOD	<LOD	165.95	<LOD	1954.30	1961.43	26077.57	17.62	62.75	70.06	448.70	128.10	273.97	16.77	<LOD

Hand samples from quarry stockpile, just W of site 1.

Samples of "white vein" material and fresh quartz from stockpile immediately to W of site 1																
Hand Sample	As	Pb	Cu	Zn	Ag	Sn	W	Th	Mo	Sb	Zr	Sr	U	Rb	Se	Hg
sample 1 black area	< LOD	106.4	< LOD	32.82	15.1	98.2	< LOD	< LOD	< LOD	91.76	136.43	25.1	< LOD	210	< LOD	< LOD
sample 1 white area	< LOD	16.77	< LOD	< LOD	< LOD	68	< LOD	40.04	< LOD	88.19	123.13	34.76	< LOD	18.34	< LOD	< LOD
sample 2 black area	< LOD	84.28	175.6	58.61	21.82	112	< LOD	27.62	< LOD	122.9	290.31	20.6	< LOD	89.4	< LOD	< LOD
sample 2 white area	< LOD	15.68	< LOD	< LOD	22.77	95.2	< LOD	< LOD	< LOD	104.07	68.02	92.63	19.26	76.47	< LOD	< LOD
sample 3 black area	43.62	160.3	< LOD	< LOD	28.5	94.1	< LOD	89.07	< LOD	118.8	217.84	86.1	19.4	43.2	< LOD	< LOD
sample 3 white area	< LOD	16.22	< LOD	< LOD	21.03	71.06	< LOD	21.37	< LOD	91.6	140.05	21.19	< LOD	13.15	< LOD	< LOD
old quartz	< LOD	< LOD	< LOD	< LOD	< LOD	60.96	< LOD	< LOD	< LOD	72.14	9.93	< LOD	< LOD	< LOD	< LOD	< LOD
old quartz	< LOD	< LOD	< LOD	< LOD	< LOD	75.41	< LOD	< LOD	< LOD	73.32	23.09	< LOD	< LOD	< LOD	< LOD	< LOD
fresh quartz	< LOD	< LOD	< LOD	< LOD	18.43	96.14	< LOD	< LOD	< LOD	101.11	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
fresh quartz	< LOD	16.25	< LOD	< LOD	16.4	77.92	< LOD	< LOD	< LOD	99.21	17.31	9.61	< LOD	17.15	< LOD	< LOD
fresh quartz	< LOD	< LOD	< LOD	< LOD	13.55	82.24	< LOD	< LOD	< LOD	115.01	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
	Ni	Co	Fe	Mn	Cr	V	Ti	Sc	Ca	K	S	Ba	Cs	Te	Cd	Pd
	< LOD	697.9	1957	7924	< LOD	< LOD	< LOD	< LOD	2009	46063	< LOD	648	170	316	19.3	< LOD
	< LOD	< LOD	1166.7	119.53	< LOD	< LOD	281.79	< LOD	7130.9	7063.34	< LOD	430.68	153.49	306.31	21.44	< LOD
	125.1	574	705	20997	136	< LOD	< LOD	< LOD	1879	22950	< LOD	748	226	438	24.7	< LOD
	< LOD	< LOD	3198.6	168.5	64.93	< LOD	585.33	< LOD	3184.3	11266.5	26324.78	599.06	172.19	375.12	48.47	< LOD
	< LOD	595.2	6053	8576	< LOD	< LOD	< LOD	54.33	3673	5234	29211	665	200	421	35.3	26.2
	< LOD	< LOD	2189.5	< LOD	< LOD	< LOD	511.67	< LOD	4743.8	7259.26	25118.84	564.38	178.74	380.28	26.84	< LOD
	< LOD	< LOD	476.57	< LOD	51.61	< LOD	385.28	< LOD	1982.7	1573.76	< LOD	398.36	123.1	234.76	< LOD	< LOD
	< LOD	< LOD	479.65	< LOD	76.42	< LOD	388.85	< LOD	2143.7	1991.96	20724.49	439.55	129.79	252.79	23.26	< LOD
	< LOD	< LOD	981.42	< LOD	98.82	< LOD	654.48	< LOD	1991.9	1607.55	19508.46	554.67	171.33	397.43	22.73	23.23
	< LOD	< LOD	11967	< LOD	< LOD	< LOD	907.52	42.6	1661.2	6052.38	34783.09	508.23	167.73	300	27.52	25.09
	< LOD	< LOD	1147.6	< LOD	< LOD	< LOD	228.85	< LOD	1916.5	2366.6	< LOD	521.77	164.6	273.75	29.95	< LOD