ASX Announcement

03 March 2026

Skull Creek Uranium Project Delivers Exceptional Surface Results up to 4,257 ppm U_3O_8 and Defines Extensive Concealed Soil Anomalies

Highlights

- **High Grade rock chip uranium mineralisation confirmed up to 4,257 ppm U_3O_8** (sample A0843234) at Countryline Prospect, Western Block.
- **Additional high-grade results include:**
  - 1,462 ppm U_3O_8 (A0843226)
  - 462 ppm U_3O_8 (A0843230)
  - 392 ppm U_3O_8 (J413962)
  - 289 ppm U_3O_8 (J413952)
  - 130 ppm U_3O_8 (J413953)
- **Western block displays significant soil anomalism** directly over and extending beyond high-grade rock chip locations into covered areas, defining priority concealed drill targets.
- **Eastern block shows widespread** coherent soil anomalism across largely concealed terrain, indicating potential blind sandstone-hosted uranium mineralisation.
- **Composite multi-element uranium pathfinder** ranking confirms redox related geochemical signatures consistent with Colorado Plateau style sandstone hosted uranium systems.
- **Project now considered drill-ready,** with priority targets identified in both Western and Eastern Blocks.
- **Preparation underway for submission of a Notice of Intent to Drill** to the Bureau of Land Management to advance priority targets toward initial scout drilling.
- **Aligned with US Critical Mineral Priorities:** Uranium is recognised as a U.S. critical mineral, and on 23 May 2025 President Donald Trump signed four Executive Orders to accelerate nuclear power development and secure domestic nuclear fuel supply chains, including invoking the Defence Production Act to promote U.S. uranium mining and enrichment, highlighting the strategic importance of advancing projects such as Skull Creek amid ongoing restrictions on Russian uranium imports and limited domestic production.

Pioneer Minerals Limited **(ASX: PMM) ('Pioneer' or 'the Company')** is pleased to announce outstanding results from its Phase 2 soil geochemistry program at the Skull Creek Uranium Project in north-west Colorado, USA.

The program has confirmed high-grade surface uranium mineralisation of up to **4,257 ppm U_3O_8** and delineated extensive, coherent multi-element uranium pathfinder anomalies across both the Western and Eastern Blocks, materially advancing the project toward initial drill testing.

Commenting on the results, CEO Michael Beven said

"The confirmation of surface grades exceeding 4,000 ppm U_3O_8 together with strong concealed soil anomalism, represents a significant step forward for Skull Creek. The combination of high-grade surface mineralisation and widespread multi-element soil anomalies gives me confidence that we may be vectoring towards larger concealed uranium system.

Phase 2 was specifically designed to test areas of Sego Sandstone concealed beneath shallow cover and determine whether uranium and associated pathfinder elements could be detected beyond areas of outcrop. With coherent targets now defined across multiple blocks, particularly in areas with limited or no surface exposure, we are well positioned to advance to drill permitting and begin systematically testing the most prospective zones. The scale and consistency of the anomalism gives me confidence that drilling has the potential to unlock a more substantial sandstone-hosted uranium system at Skull Creek"

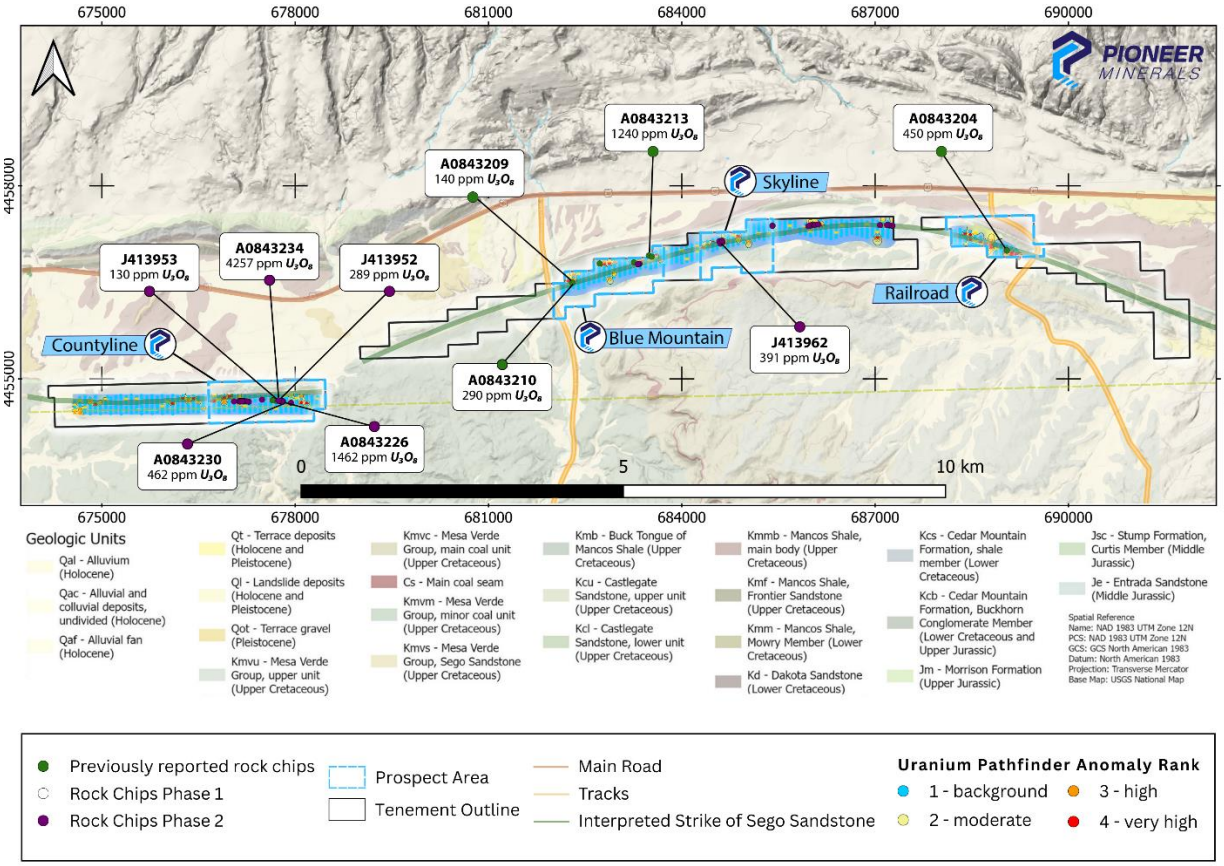

Figure 1: Skull Creek Uranium Project overview showing all rock chip samples results above 100 ppm U_3O_8 and interpreted soil geochemistry results from both phases of soil sampling at Skull Creek. All rock chip samples and soil geochemistry from both phase 1 and 2 are included as appendix A and B.

Project Overview

The Skull Creek Uranium Project is located within a historically productive uranium district of north-west Colorado. Mineralisation is hosted within the Upper Cretaceous Sego Sandstone and associated carbonaceous units of the Mesa Verde Group. The geological setting is consistent with Colorado Plateau-style sandstone-hosted uranium systems.

Previous exploration confirmed uranium mineralisation at surface through systematic rock chip sampling. Uranium values are reported as U3O8 using a conversion factor of 1.1792 applied to uranium ppm assay values.

Significant rock chip results from phase include:

- 4,257 ppm U_3O_8 from sample A0843234
- 1,462 ppm U_3O_8 from sample A0843226
- 462 ppm U_3O_8 from sample A0843230
- 392 ppm U_3O_8 from sample J413962
- 289 ppm U_3O_8 from sample J413952
- 130 ppm U_3O_8 from sample J413953

These results confirm the presence of high-grade uranium mineralisation within Sego Sandstone and carbonaceous shale horizons across multiple prospect areas.

Priority Target Areas

The Western Block represents a high-priority drill target area. It hosts the highest-grade rock chip results including 4,256.9 ppm U_3O_8 and 1,462.2 ppm U_3O_8 and displays strong composite soil anomalism extending into ground obscured by cover where no outcrop occurs. This area is interpreted to represent a potential down-dip or along-strike extension of mineralisation beneath soil cover.

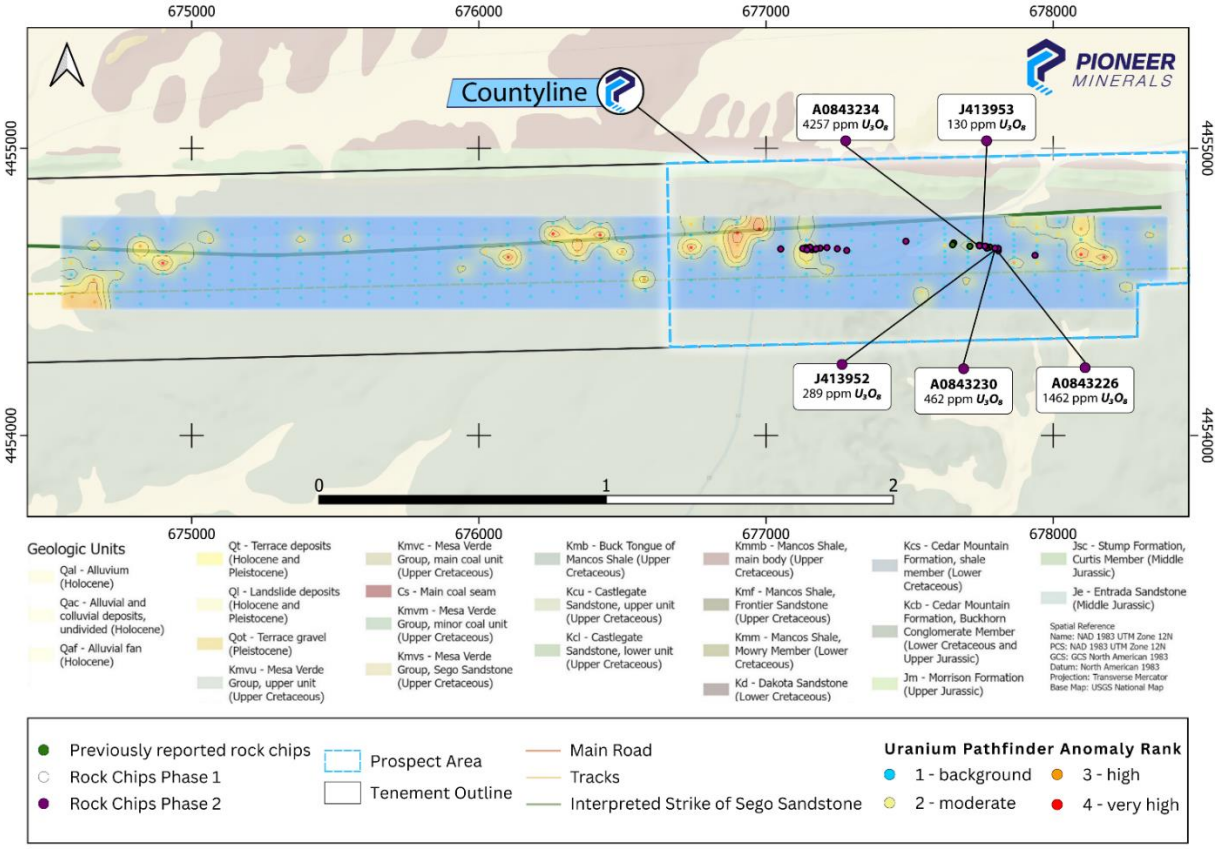

Figure 2: Showing the western portion of the Skull Creek Uranium Project and the Countyline Prospect where high grade rock chips samples returned grades of up to 4257 ppm U_3O_8 and geochemical anomalies in soils extending both to the west and east of outcrop.

The Eastern Block represents a second priority target characterised by widespread soil anomalism across largely concealed terrain. The scale and coherence of composite anomalies indicate potential for blind uranium mineralisation within the Sego Sandstone.

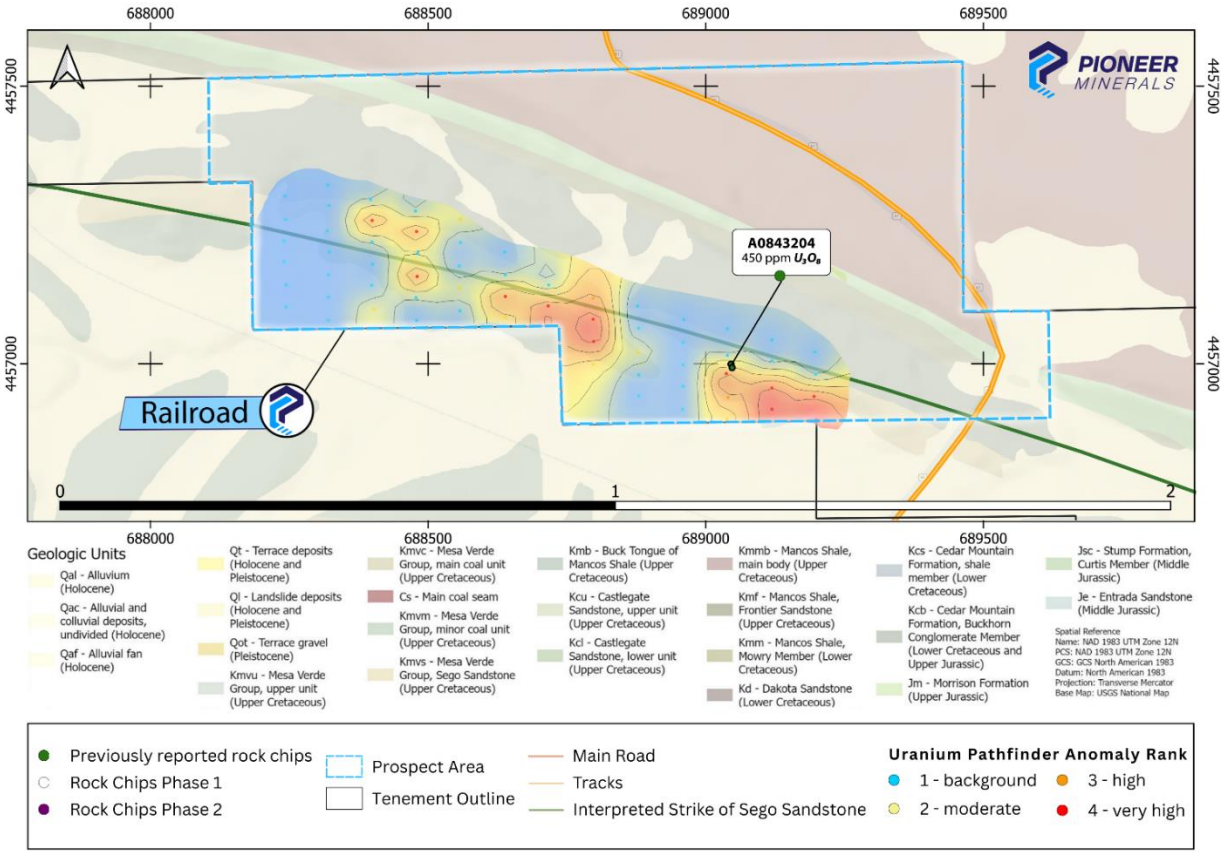

Figure 3: Shows the eastern block and Railroad prospect at the Skull Creek Uranium project where outcrop is limited and contains only one rock chip sample taken during phase 1 of sampling which returned 450 ppm U_3O_8 (ASX: PMM 05/05/2025). Significant pathfinder soil anomalism exists here extending to the east and the west of Sample A0843204 indicating the potential for further mineralisation hidden beneath soils.

Phase 2 Soil Geochemistry Program

The Phase 2 soil program was designed to evaluate concealed Sego Sandstone horizons and structural corridors across the Western, Central and Eastern Blocks. Soil samples were analysed for uranium, molybdenum and selenium, together with thorium to enable calculation of U/Th ratios.

Results define coherent multi-element uranium pathfinder anomalies across all three blocks.
In the Western Block, soil anomalism occurs directly over and extending beyond high-grade rock chip locations including A0843234 (4,257 ppm U_3O_8) and A0843226 (1,462 ppm U_3O_8). Several high-ranking soil anomalies occur entirely beneath cover where no outcrop exists, indicating potential concealed mineralisation.

In the Central Block, rock chip results including 392 ppm U_3O_8 (J413962) and 289 ppm U_3O_8 (J413952) confirm additional mineralised horizons along interpreted Sego Sandstone strike. These occurrences are supported by coherent composite soil anomalies that extend beyond exposed mineralisation, suggesting potential continuity beneath shallow cover. The Central Block provides further evidence that uranium mineralisation is distributed along stratigraphic and structural trends across the project area rather than confined to isolated pods.

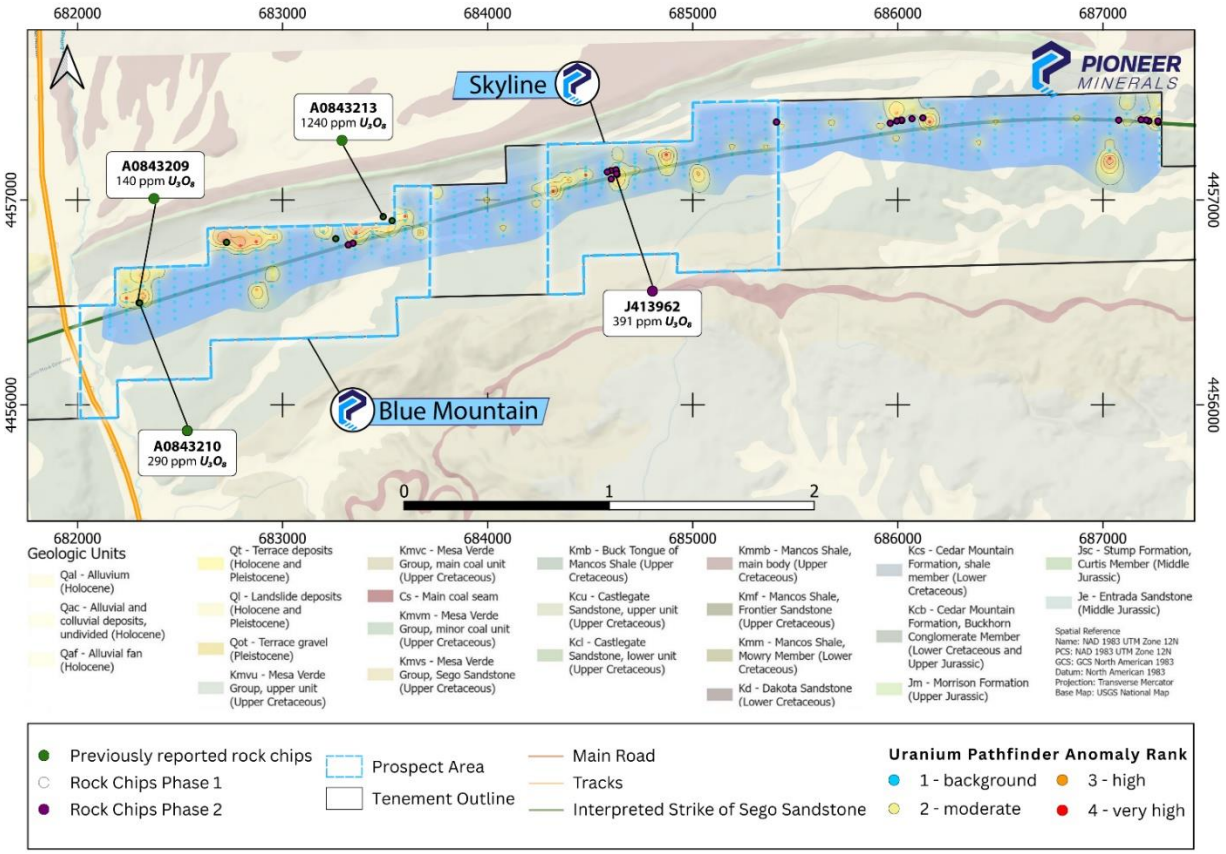

Figure 4: Shows the central block and Skyline and Blue Mountain prospects where previous samples taken during phase 1 exploration returned 1240 ppm U3O8 in sample A0843213 (ASX: PMM 05/05/2025).

In the Eastern Block, widespread moderate to very high composite anomalies extend across terrain with minimal rock exposure. The scale and continuity of these anomalies suggest the presence of a concealed uranium-bearing horizon within the Sego Sandstone.

Geochemical Composite Ranking Method

To improve target prioritisation and reduce reliance on single-element anomalies, a composite uranium pathfinder ranking system was developed incorporating uranium, molybdenum, selenium and the U/Th ratio.

Each element was converted to a percentile rank within the dataset, and the ranks were summed to produce a composite score. Samples were then classified into quantile tiers representing background, moderate, high and very high anomaly levels.

The approach is based on the redox-controlled nature of sandstone-hosted uranium mineralisation. Molybdenum and selenium are recognised pathfinders associated with uranium precipitation along redox fronts, while elevated U/Th ratios indicate uranium mobility relative to immobile thorium. By combining these parameters, the composite ranking highlights zones where multiple geochemical indicators coincide, improving confidence in concealed target identification and reducing false positives.

Interpolation of Soil Data

Composite scores were interpolated using inverse distance weighting to produce continuous anomaly surfaces. Only moderate to very high anomaly samples were included in interpolation to prevent background dilution and preserve anomaly geometry.

Interpolation surfaces define coherent anomaly zones aligned along interpreted Sego Sandstone strike. In the Western Block, very high-ranked anomalies cluster around known high-grade rock chip results and extend into covered areas. In the Eastern Block, broad continuous anomalies are evident across areas lacking surface exposure.

The interpolated anomaly trends are consistent with stratigraphic and structural controls typical of sandstone-hosted uranium systems and provide a robust framework for drill collar selection.

Nature of Mineralisation

Mineralisation at Skull Creek is variable and poddy at surface, with zones of high- and low-grade uranium occurring in proximity. Surface grades ranging from 130 ppm U_3O_8 to 4,257 ppm U_3O_8 demonstrate significant variability typical of sandstone-hosted uranium systems.

Deposits elsewhere in Colorado commonly exhibit roll-front geometries where high-grade concentrations occur along redox interfaces within permeable sandstone units. Surface expressions are often discontinuous, while mineralisation may display lateral continuity at depth along favourable stratigraphic horizons.

The presence of very high-grade rock chip mineralisation together with extensive multi-element soil anomalism beneath cover supports the interpretation of a stratigraphically and structurally controlled uranium system with potential roll-front style geometry.

Advancement Towards Drilling

The integration of high-grade rock chip results and coherent multi-element soil anomalies has substantially advanced the Skull Creek Project. Priority drill targets have been defined, and Pioneer Minerals is preparing to submit a Notice of Intent to Drill to the Bureau of Land Management.

Initial drilling is planned to test down-dip Sego Sandstone horizons beneath soil cover, stratigraphic contacts between sandstone and carbonaceous units, and zones of highest composite anomaly ranking.

For further information on Pioneer: www.pioneerminerals.com.au.

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Competent Persons Statement

The information in this report that relates to geochemical assay results of rock chip samples from Pioneer Minerals' Skull Creek Project located in Colorado, US. The reporting of project information at the Skull Creek Project is based on, and fairly represents, information and supporting documentation compiled and evaluated by Michael Beven, the CEO to the Company and a Member of the Australian Institute of Geoscientists (AIG). Mr. Beven has sufficient experience relevant to the style of mineralisation, type of deposit under consideration, and the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). Mr. Beven consents to the inclusion of the information in the form and context in which it appears. The information in the market announcement is an accurate representation of the available data and studies for the Skull Creek Project in the US.

Forward-looking statements

This announcement may contain certain forward-looking statements and projections. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. Forward-looking statements/projections are inherently uncertain and may differ materially from results ultimately achieved. Pioneer Minerals Limited does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward-looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither Pioneer Minerals Limited nor any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement.

Proximate Statements

This announcement contains references to mineral exploration results derived by other parties either nearby or proximate to the Skull Creek Project and includes references to topographical or geological similarities to that of the Skull Creek Project. It is important to note that such discoveries or geological similarities do not in any way guarantee that the Company will have similar exploration successes on the Skull Creek Projects, if at all.

Compliance Statement

This report contains information on the Skull Creek projects extracted from Pioneer Minerals ASX market announcements dated 20/08/2025 and 05/1052025 released by the Company and reporting in accordance with the 2012 edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). The original market announcements are available to view on www.pioneerminerals.com.au and www.asx.com.au. Pioneer Minerals is not aware of any new information or data that materially affects the information included in the original market announcement which continue to apply.

Appendix A:

Cumulative table showing rock chip sample results from Skull Creek Colorado.

Sample_id	Easting	Northing	Phase	Sample Type	U308	v ppm
A0843204	689044	4456999	Phase 1	Rock Chip	450	22
A0843205	689046	4456993	Phase 1	Rock Chip	50	11
A0843206	677708	4454659	Phase 1	Rock Chip	40	21
A0843207	677652	4454670	Phase 1	Rock Chip	10	32
A0843208	677648	4454664	Phase 1	Rock Chip	80	18
A0843209	682298	4456498	Phase 1	Rock Chip	140	162
A0843210	682301	4456497	Phase 1	Rock Chip	290	67
A0843211	682725	4456793	Phase 1	Rock Chip	10	24
A0843212	683257	4456811	Phase 1	Rock Chip	0	24
A0843213	683489	4456918	Phase 1	Rock Chip	1240	1150
A0843214	683532	4456899	Phase 1	Rock Chip	30	32
A0843215	684627	4457139	Phase 1	Rock Chip	90	8
A0843216	677778	4454656	Phase 1	Rock Chip	90	23
A0843217	677742	4454663	Phase 1	Rock Chip	30	28
A0843218	677159	4454647	Phase 1	Rock Chip	20	17
A0843219	689145	4456941	Phase 1	Rock Chip	10	37
A0843224	677937	4454627	Phase 2	Rock Chip	2	7
A0843225	677809	4454651	Phase 2	Rock Chip	7	6
A0843228	677809	4454643	Phase 2	Rock Chip	8	8
A0843232	677770	4454653	Phase 2	Rock Chip	15	8
A0843233	677769	4454652	Phase 2	Rock Chip	22	22
A0843235	677742	4454662	Phase 2	Rock Chip	56	19
A0843236	677281	4454644	Phase 2	Rock Chip	20	91
A0843237	677248	4454650	Phase 2	Rock Chip	14	34
A0843238	677212	4454654	Phase 2	Rock Chip	15	22
J413951	677134	4454649	Phase 2	Rock Chip	2	4
J413952	677764	4454659	Phase 2	Rock Chip	289	36
J413953	677762	4454659	Phase 2	Rock Chip	130	41
J413954	677487	4454676	Phase 2	Rock Chip	1	8
A0843239	677188	4454652	Phase 2	Rock Chip	5	3
A0843240	null	null	Phase 2	Rock Chip	0	1
A0843242	677175	4454650	Phase 2	Rock Chip	23	19
A0843243	677160	4454648	Phase 2	Rock Chip	9	8
A0843244	677139	4454654	Phase 2	Rock Chip	2	5
A0843245	677128	4454651	Phase 2	Rock Chip	16	6
A0843246	677051	4454649	Phase 2	Rock Chip	1	8
A0843247	683343	4456788	Phase 2	Rock Chip	29	23
A0843248	683343	4456789	Phase 2	Rock Chip	12	95
J413955	677172	4454648	Phase 2	Rock Chip	14	5

J413956	677153	4454655	Phase 2	Rock Chip	3	9
J413957	677143	4454646	Phase 2	Rock Chip	10	8
J413958	683320	4456780	Phase 2	Rock Chip	58	138
J413959	683320	4456781	Phase 2	Rock Chip	2	4
A0843249	684601	4457143	Phase 2	Rock Chip	37	34
A0843250	684583	4457136	Phase 2	Rock Chip	18	5
J414501	684625	4457147	Phase 2	Rock Chip	33	7
J413960	684602	4457102	Phase 2	Rock Chip	4	15
J413961	684630	4457124	Phase 2	Rock Chip	15	9
J413962	684628	4457127	Phase 2	Rock Chip	391	28
J414502	null	null	Phase 2	Rock Chip	5	6
J413963	685408	4457379	Phase 2	Rock Chip	9	6
J413964	685408	4457380	Phase 2	Rock Chip	7	6
J414504	686019	4457387	Phase 2	Rock Chip	2	5
J414505	686018	4457390	Phase 2	Rock Chip	3	9
J414506	685995	4457385	Phase 2	Rock Chip	3	4
J414507	685963	4457374	Phase 2	Rock Chip	4	7
J414508	686069	4457396	Phase 2	Rock Chip	4	19
J414509	687270	4457378	Phase 2	Rock Chip	4	6
J414510	687224	4457385	Phase 2	Rock Chip	10	211
J413966	686122	4457400	Phase 2	Rock Chip	1	9
J413967	687268	4457385	Phase 2	Rock Chip	1	16
J413968	687211	4457390	Phase 2	Rock Chip	16	237
J413969	687077	4457389	Phase 2	Rock Chip	6	10
A0843226	677808	4454651	Phase 2	Rock Chip	1462	30
A0843227	677808	4454651	Phase 2	Rock Chip	20	19
A0843230	677797	4454652	Phase 2	Rock Chip	462	26
A0843234	677743	4454660	Phase 2	Rock Chip	4257	52
A0843241	677174	4454649	Phase 2	Rock Chip	76	32
J413865	687186	4457391	Phase 2	Rock Chip	2	3

Appendix B

Table of all soil sample geochemical results at Skull Creek Project Colorado.

Sample id	Easting	Northing	Phase	Sample Type	u ppm	mo ppm	se ppm	th ppm
J413001	677623	4454701	Phase 1	Soil Sample	0.57	0.86	null	2.9
J413002	677623	4454681	Phase 1	Soil Sample	0.70	0.80	null	2.5
J413003	677623	4454661	Phase 1	Soil Sample	1.78	1.74	0.2	3.0
J413004	677623	4454641	Phase 1	Soil Sample	0.66	0.71	null	2.6
J413005	677623	4454622	Phase 1	Soil Sample	0.78	0.35	null	4.8
J413006	677623	4454601	Phase 1	Soil Sample	0.57	0.40	null	3.2
J413007	677703	4454601	Phase 1	Soil Sample	0.64	0.18	null	2.4
J413008	677703	4454621	Phase 1	Soil Sample	0.45	0.11	null	1.9
J413009	677703	4454641	Phase 1	Soil Sample	1.86	0.76	0.2	8.4

J413011	677703	4454661	Phase 1	Soil Sample	12.25	0.94	0.3	2.5
J413012	677703	4454681	Phase 1	Soil Sample	1.43	0.99	null	4.2
J413013	677703	4454701	Phase 1	Soil Sample	1.09	1.61	null	3.6
J413014	677783	4454701	Phase 1	Soil Sample	0.59	2.16	null	2.5
J413015	677783	4454681	Phase 1	Soil Sample	0.49	1.06	null	3.1
J413016	677783	4454661	Phase 1	Soil Sample	0.74	1.48	null	3.9
J413017	677783	4454641	Phase 1	Soil Sample	0.89	1.67	null	3.2
J413018	677783	4454621	Phase 1	Soil Sample	0.91	0.42	0.3	4.0
J413019	677783	4454601	Phase 1	Soil Sample	0.73	0.46	0.3	4.0
J413021	677863	4454601	Phase 1	Soil Sample	7.40	0.37	1.1	8.7
J413022	677863	4454621	Phase 1	Soil Sample	1.07	0.81	0.6	5.4
J413023	677863	4454641	Phase 1	Soil Sample	0.68	0.67	0.4	3.4
J413024	677863	4454661	Phase 1	Soil Sample	0.62	0.60	null	2.9
J413025	677863	4454681	Phase 1	Soil Sample	0.72	9.85	0.2	3.7
J413026	677863	4454701	Phase 1	Soil Sample	0.69	1.07	null	2.0
J413027	677943	4454701	Phase 1	Soil Sample	1.31	2.43	0.3	4.8
J413028	677943	4454681	Phase 1	Soil Sample	0.97	2.28	0.5	3.2
J413029	677943	4454661	Phase 1	Soil Sample	0.94	0.59	0.4	3.9
J413031	677943	4454641	Phase 1	Soil Sample	0.63	0.76	0.2	2.7
J413032	677943	4454621	Phase 1	Soil Sample	0.82	0.78	0.3	2.5
J413033	677943	4454601	Phase 1	Soil Sample	1.14	0.96	0.8	5.1
J413034	682163	4456481	Phase 1	Soil Sample	0.45	0.87	0.3	2.9
J413035	682163	4456461	Phase 1	Soil Sample	0.67	0.87	0.5	2.6
J413036	682163	4456441	Phase 1	Soil Sample	0.54	0.80	0.2	2.5
J413037	682163	4456421	Phase 1	Soil Sample	0.53	0.82	0.4	2.3
J413038	682163	4456401	Phase 1	Soil Sample	0.46	0.58	0.2	2.2
J413039	682243	4456441	Phase 1	Soil Sample	0.54	0.36	null	1.7
J413041	682243	4456461	Phase 1	Soil Sample	0.84	0.47	0.2	2.9
J413042	682243	4456481	Phase 1	Soil Sample	1.19	0.91	0.5	3.2
J413043	682243	4456501	Phase 1	Soil Sample	0.75	0.99	0.2	2.3
J413044	682243	4456521	Phase 1	Soil Sample	3.21	8.39	1.2	4.3
J413045	683604	4456941	Phase 1	Soil Sample	1.04	0.22	0.9	1.5
J413046	683602	4456920	Phase 1	Soil Sample	8.68	1.14	0.9	4.4
J413047	683602	4456899	Phase 1	Soil Sample	0.68	0.34	0.2	1.5
J413048	683603	4456884	Phase 1	Soil Sample	0.91	0.61	0.5	2.6
J413049	683603	4456859	Phase 1	Soil Sample	0.62	0.32	0.2	2.7
J413051	683604	4456840	Phase 1	Soil Sample	0.61	0.45	0.4	2.7
J413052	683525	4456824	Phase 1	Soil Sample	0.62	0.48	0.5	2.3
J413053	683521	4456843	Phase 1	Soil Sample	1.64	0.70	0.6	2.6
J413054	683522	4456863	Phase 1	Soil Sample	2.58	0.67	0.3	2.7
J413055	683525	4456880	Phase 1	Soil Sample	8.90	0.60	0.5	2.9
J413056	683444	4456881	Phase 1	Soil Sample	1.24	0.98	1.0	2.0
J413057	683442	4456862	Phase 1	Soil Sample	2.66	0.65	0.8	6.3
J413058	683443	4456843	Phase 1	Soil Sample	0.65	0.36	0.2	4.1
J413059	683444	4456820	Phase 1	Soil Sample	1.12	0.49	0.6	4.8
J413061	683364	4456802	Phase 1	Soil Sample	0.87	1.58	0.5	3.2

J413062	683363	4456821	Phase 1	Soil Sample	0.65	0.59	0.4	3.6
J413063	683362	4456841	Phase 1	Soil Sample	2.87	2.74	1.6	4.9
J413064	683363	4456861	Phase 1	Soil Sample	1.06	0.92	0.7	2.7
J413065	683362	4456878	Phase 1	Soil Sample	2.40	3.79	0.8	5.5
J413066	682403	4456561	Phase 1	Soil Sample	0.52	0.92	0.2	2.6
J413067	682403	4456541	Phase 1	Soil Sample	0.69	0.75	0.2	3.2
J413068	682403	4456519	Phase 1	Soil Sample	0.66	0.63	0.2	2.8
J413069	682406	4456504	Phase 1	Soil Sample	0.63	0.42	0.2	3.1
J413071	682403	4456481	Phase 1	Soil Sample	0.71	0.38	0.2	2.8
J413072	682323	4456461	Phase 1	Soil Sample	0.59	0.44	0.2	3.3
J413073	682323	4456481	Phase 1	Soil Sample	0.65	0.47	0.4	3.1
J413074	682321	4456502	Phase 1	Soil Sample	1.20	0.54	0.8	2.4
J413075	682323	4456521	Phase 1	Soil Sample	1.58	0.49	1.5	2.4
J413076	682324	4456544	Phase 1	Soil Sample	1.36	1.10	0.8	2.8
J413077	684722	4457101	Phase 1	Soil Sample	0.66	0.47	0.2	2.3
J413078	684724	4457122	Phase 1	Soil Sample	0.82	0.55	0.4	2.7
J413079	684724	4457145	Phase 1	Soil Sample	2.79	1.44	0.4	3.5
J413081	684723	4457161	Phase 1	Soil Sample	0.76	0.57	0.3	3.2
J413082	684723	4457181	Phase 1	Soil Sample	0.73	0.36	0.2	2.7
J413083	684722	4457201	Phase 1	Soil Sample	0.64	0.46	0.3	3.3
J413084	684723	4457221	Phase 1	Soil Sample	0.87	0.28	0.3	3.7
J413085	684644	4457200	Phase 1	Soil Sample	1.50	0.71	0.5	5.6
J413086	684643	4457180	Phase 1	Soil Sample	0.88	0.16	0.3	2.9
J413087	684644	4457162	Phase 1	Soil Sample	1.31	0.67	0.3	3.0
J413088	684643	4457141	Phase 1	Soil Sample	8.77	0.67	0.4	4.4
J413089	684644	4457121	Phase 1	Soil Sample	2.42	0.71	0.6	3.5
J413091	684643	4457101	Phase 1	Soil Sample	2.42	0.83	0.3	2.3
J413092	684643	4457081	Phase 1	Soil Sample	4.04	0.82	0.5	2.6
J413093	684558	4457059	Phase 1	Soil Sample	0.92	0.27	null	2.5
J413094	684563	4457081	Phase 1	Soil Sample	1.29	0.17	null	2.5
J413095	684561	4457120	Phase 1	Soil Sample	3.35	0.25	null	2.2
J413096	684563	4457141	Phase 1	Soil Sample	0.68	0.37	0.3	2.9
J413097	684563	4457161	Phase 1	Soil Sample	0.55	0.22	0.2	1.7
J413098	684563	4457181	Phase 1	Soil Sample	0.36	0.50	0.2	2.4
J413099	684483	4457161	Phase 1	Soil Sample	0.42	0.11	0.2	2.8
J413101	684483	4457141	Phase 1	Soil Sample	1.38	0.55	0.2	5.5
J413102	684483	4457121	Phase 1	Soil Sample	2.66	1.08	2.7	3.8
J413103	684483	4457101	Phase 1	Soil Sample	0.88	0.44	0.3	4.3
J413104	684483	4457081	Phase 1	Soil Sample	0.84	0.39	0.3	3.8
J413105	684483	4457061	Phase 1	Soil Sample	0.75	0.38	0.3	3.2
J413106	684484	4457043	Phase 1	Soil Sample	0.67	0.35	0.4	3.2
A0843229	677804	4454662	Phase 1	Soil Sample	1.21	0.74	0.2	5.2
J413107	682241	4456602	Phase 2	Soil Sample	0.63	0.89	0.8	2.0
J413108	682240	4456562	Phase 2	Soil Sample	0.76	0.70	0.3	1.2
J413109	682323	4456580	Phase 2	Soil Sample	0.80	0.99	0.5	3.2
J413111	682161	4456381	Phase 2	Soil Sample	0.43	0.64	0.3	2.2

J413112	682161	4456343	Phase 2	Soil Sample	0.70	0.81	0.4	3.0
J413113	682241	4456361	Phase 2	Soil Sample	0.66	0.46	0.2	3.2
J413114	682241	4456398	Phase 2	Soil Sample	0.55	0.54	0.3	2.8
J413115	682318	4456421	Phase 2	Soil Sample	0.57	0.37	0.2	3.5
J413116	682396	4456446	Phase 2	Soil Sample	0.78	0.50	0.2	4.0
J413117	682399	4456403	Phase 2	Soil Sample	0.62	0.46	0.3	3.6
J413118	682556	4456481	Phase 2	Soil Sample	0.64	0.76	0.3	2.9
J413119	682560	4456519	Phase 2	Soil Sample	0.66	0.77	0.2	2.6
J413121	682558	4456560	Phase 2	Soil Sample	0.73	0.60	null	2.8
J413122	682557	4456600	Phase 2	Soil Sample	0.84	0.78	0.4	3.0
J413123	682559	4456639	Phase 2	Soil Sample	0.65	0.75	0.2	2.1
J413124	682717	4456799	Phase 2	Soil Sample	3.31	3.38	1.2	2.3
J413125	682717	4456758	Phase 2	Soil Sample	0.71	0.77	0.4	2.3
J413126	682715	4456724	Phase 2	Soil Sample	0.49	0.42	0.2	2.2
J413127	682720	4456676	Phase 2	Soil Sample	0.51	0.45	0.3	2.4
J413128	682718	4456636	Phase 2	Soil Sample	0.52	0.50	0.2	2.6
J413129	682718	4456597	Phase 2	Soil Sample	0.48	0.52	0.2	2.5
J413131	682718	4456556	Phase 2	Soil Sample	0.47	0.65	0.2	2.0
J413132	682718	4456519	Phase 2	Soil Sample	0.83	0.51	0.4	4.3
J413133	682878	4456563	Phase 2	Soil Sample	1.44	0.93	0.6	3.8
J413134	682875	4456597	Phase 2	Soil Sample	0.38	0.39	null	2.7
J413135	682876	4456637	Phase 2	Soil Sample	0.46	0.46	0.2	2.8
J413136	682877	4456675	Phase 2	Soil Sample	0.52	0.56	0.2	3.3
J413137	682876	4456717	Phase 2	Soil Sample	0.57	0.58	0.2	3.0
J413138	682876	4456755	Phase 2	Soil Sample	0.62	0.49	0.2	2.3
J413139	682876	4456796	Phase 2	Soil Sample	1.74	3.98	0.5	3.6
J413141	682875	4456834	Phase 2	Soil Sample	0.74	1.75	0.5	2.6
J413142	683036	4456840	Phase 2	Soil Sample	1.03	3.82	0.2	3.5
J413143	683039	4456802	Phase 2	Soil Sample	0.88	0.61	0.3	3.8
J413144	683039	4456762	Phase 2	Soil Sample	1.46	0.42	0.2	3.9
J413145	683040	4456722	Phase 2	Soil Sample	0.93	0.31	0.4	3.2
J413146	683042	4456680	Phase 2	Soil Sample	0.58	0.38	0.2	2.8
J413147	683040	4456642	Phase 2	Soil Sample	0.44	0.32	0.2	2.7
J413148	683040	4456602	Phase 2	Soil Sample	0.55	0.29	null	3.0
J413149	683118	4456625	Phase 2	Soil Sample	0.80	0.37	0.3	2.8
J413151	682320	4456618	Phase 2	Soil Sample	0.90	0.96	0.8	2.4
J413152	682401	4456600	Phase 2	Soil Sample	0.64	1.02	null	2.7
J413153	682403	4456639	Phase 2	Soil Sample	1.18	1.33	0.5	4.0
J413154	682477	4456660	Phase 2	Soil Sample	0.92	2.03	0.2	2.7
J413155	682478	4456617	Phase 2	Soil Sample	0.83	0.57	0.3	4.0
J413156	682477	4456574	Phase 2	Soil Sample	0.75	0.35	0.5	2.2
J413157	682479	4456540	Phase 2	Soil Sample	0.39	0.39	0.3	1.6
J413158	682478	4456501	Phase 2	Soil Sample	0.81	0.49	0.4	2.6
J413159	682478	4456459	Phase 2	Soil Sample	0.90	0.57	0.3	2.7
J413161	682480	4456420	Phase 2	Soil Sample	1.84	0.50	0.4	5.8
J413162	682637	4456499	Phase 2	Soil Sample	0.57	0.68	0.3	2.1

J413163	682638	4456539	Phase 2	Soil Sample	0.59	0.79	0.3	3.1
J413164	682635	4456579	Phase 2	Soil Sample	0.70	0.72	0.2	2.5
J413165	682639	4456614	Phase 2	Soil Sample	0.82	0.89	0.3	2.8
J413166	682635	4456659	Phase 2	Soil Sample	0.60	0.28	0.3	4.3
J413167	682795	4456820	Phase 2	Soil Sample	1.20	2.79	0.6	3.5
J413168	682799	4456777	Phase 2	Soil Sample	3.64	2.57	1.0	2.2
J413169	682800	4456737	Phase 2	Soil Sample	0.60	0.57	0.3	2.1
J413171	682796	4456695	Phase 2	Soil Sample	0.66	0.67	0.3	2.4
J413172	682800	4456577	Phase 2	Soil Sample	0.55	0.56	0.3	2.4
J413173	682798	4456658	Phase 2	Soil Sample	0.61	0.73	0.4	3.5
J413174	682800	4456618	Phase 2	Soil Sample	0.71	0.51	0.3	3.6
J413175	682797	4456537	Phase 2	Soil Sample	0.53	0.44	null	2.8
J413176	682953	4456579	Phase 2	Soil Sample	0.82	0.33	0.2	3.9
J413177	682954	4456620	Phase 2	Soil Sample	2.63	0.35	0.9	5.0
J413178	682956	4456660	Phase 2	Soil Sample	3.76	0.37	1.0	7.0
J413179	682957	4456696	Phase 2	Soil Sample	1.08	0.47	0.2	4.7
J413181	682956	4456740	Phase 2	Soil Sample	0.95	0.72	0.9	4.5
J413182	682959	4456779	Phase 2	Soil Sample	0.43	0.50	0.3	2.6
J413183	682961	4456818	Phase 2	Soil Sample	1.06	2.71	0.6	3.5
J413184	682956	4456859	Phase 2	Soil Sample	0.62	0.89	0.5	2.3
J413185	683195	4456802	Phase 2	Soil Sample	0.97	0.77	0.3	4.9
J413186	683197	4456763	Phase 2	Soil Sample	null	null	null	null
J413186	683199	4456721	Phase 2	Soil Sample	null	null	null	null
J413187	683198	4456680	Phase 2	Soil Sample	1.02	0.51	0.4	4.7
J413188	683198	4456643	Phase 2	Soil Sample	0.66	0.33	0.3	3.1
J413189	683356	4456720	Phase 2	Soil Sample	0.98	0.19	0.5	4.9
J413191	683359	4456758	Phase 2	Soil Sample	null	null	null	null
J413192	683516	4456802	Phase 2	Soil Sample	0.76	0.38	0.4	2.7
J413193	683520	4456759	Phase 2	Soil Sample	1.86	0.84	0.3	7.9
J413194	683521	4456720	Phase 2	Soil Sample	0.57	0.26	0.4	1.0
J413195	683679	4456757	Phase 2	Soil Sample	0.61	0.93	0.4	2.2
J413196	683678	4456796	Phase 2	Soil Sample	0.63	0.34	0.2	2.5
J413197	683677	4456840	Phase 2	Soil Sample	3.10	0.56	0.8	6.9
J413199	683679	4456912	Phase 2	Soil Sample	0.66	0.34	0.2	3.6
J413201	683118	4456660	Phase 2	Soil Sample	0.94	0.39	0.2	3.8
J413202	683118	4456698	Phase 2	Soil Sample	0.65	0.31	0.3	3.3
J413203	683119	4456741	Phase 2	Soil Sample	0.55	0.50	0.3	2.6
J413204	683120	4456781	Phase 2	Soil Sample	0.72	0.39	0.2	4.1
J413205	683119	4456823	Phase 2	Soil Sample	1.12	0.72	0.2	2.6
J413206	683120	4456863	Phase 2	Soil Sample	1.00	8.12	0.2	2.8
J413207	683277	4456859	Phase 2	Soil Sample	0.93	0.53	0.4	2.7
J413208	683280	4456822	Phase 2	Soil Sample	0.56	0.39	0.3	2.6
J413209	683281	4456780	Phase 2	Soil Sample	1.15	0.29	0.4	5.3
J413211	683280	4456740	Phase 2	Soil Sample	0.68	0.94	0.6	2.7
J413212	683281	4456700	Phase 2	Soil Sample	0.59	0.68	0.2	2.9
J413213	683281	4456659	Phase 2	Soil Sample	1.01	0.31	0.2	3.2

J413214	683439	4456740	Phase 2	Soil Sample	0.65	0.41	0.4	3.0
J413215	683438	4456774	Phase 2	Soil Sample	0.74	0.56	0.4	3.3
J413216	683598	4456737	Phase 2	Soil Sample	0.34	0.16	null	2.3
J413217	683596	4456774	Phase 2	Soil Sample	0.72	0.32	0.3	4.1
J413218	683598	4456815	Phase 2	Soil Sample	0.63	0.44	0.3	2.9
J413219	683754	4456780	Phase 2	Soil Sample	0.62	0.32	0.3	3.5
J413221	683758	4456821	Phase 2	Soil Sample	0.76	0.26	0.3	4.2
J413222	683761	4456861	Phase 2	Soil Sample	0.68	0.37	0.2	3.6
J413223	683759	4456903	Phase 2	Soil Sample	0.61	0.27	0.3	3.0
J413224	683758	4456943	Phase 2	Soil Sample	0.48	0.30	0.2	2.5
J413225	683758	4456984	Phase 2	Soil Sample	0.71	0.36	0.3	3.7
J413226	683757	4457023	Phase 2	Soil Sample	1.12	0.65	1.2	4.1
J413227	683922	4457022	Phase 2	Soil Sample	0.93	0.29	0.4	2.6
J413228	683921	4456983	Phase 2	Soil Sample	0.64	0.26	0.3	1.7
J413229	683923	4456942	Phase 2	Soil Sample	0.86	0.37	0.3	3.8
J413231	683919	4456902	Phase 2	Soil Sample	1.08	0.47	0.2	3.6
J413232	683920	4456862	Phase 2	Soil Sample	1.32	0.59	0.4	4.5
J413233	683920	4456820	Phase 2	Soil Sample	0.73	0.31	0.2	3.9
J413234	684160	4456844	Phase 2	Soil Sample	0.38	0.23	0.2	2.2
J413235	684160	4456882	Phase 2	Soil Sample	0.46	0.20	0.3	1.9
J413236	684159	4456922	Phase 2	Soil Sample	0.80	0.44	0.3	3.8
J413237	684161	4456965	Phase 2	Soil Sample	0.67	0.21	0.3	3.2
J413238	684158	4457006	Phase 2	Soil Sample	0.66	0.55	0.2	3.3
J413239	684158	4457045	Phase 2	Soil Sample	1.06	1.52	0.4	5.3
J413240	684158	4457082	Phase 2	Soil Sample	0.15	0.32	null	0.6
J413242	684315	4457125	Phase 2	Soil Sample	0.59	0.24	0.2	2.7
J413243	684319	4457083	Phase 2	Soil Sample	0.97	1.02	0.4	3.1
J413244	684323	4457042	Phase 2	Soil Sample	4.23	0.79	1.0	6.3
J413245	684319	4457002	Phase 2	Soil Sample	0.74	0.26	0.3	1.9
J413246	684322	4456961	Phase 2	Soil Sample	0.83	0.24	null	3.2
J413247	684321	4456923	Phase 2	Soil Sample	0.62	0.28	0.3	3.6
J413248	684484	4456993	Phase 2	Soil Sample	0.63	0.33	0.4	3.5
J413249	684645	4457042	Phase 2	Soil Sample	0.63	0.33	0.2	4.2
J413251	683678	4456955	Phase 2	Soil Sample	0.73	0.44	0.4	3.9
J413252	683677	4456995	Phase 2	Soil Sample	0.76	0.61	0.6	3.1
J413253	683597	4456978	Phase 2	Soil Sample	0.23	0.20	0.6	1.4
J413254	683843	4457038	Phase 2	Soil Sample	0.96	0.34	1.0	3.2
J413255	683840	4456999	Phase 2	Soil Sample	0.41	0.48	0.3	2.1
J413256	683841	4456959	Phase 2	Soil Sample	1.12	0.32	0.3	4.5
J413257	683845	4456918	Phase 2	Soil Sample	0.84	0.52	0.3	2.0
J413258	683842	4456879	Phase 2	Soil Sample	0.50	0.25	null	2.9
J413259	683841	4456842	Phase 2	Soil Sample	0.59	0.31	0.3	2.1
J413261	683842	4456801	Phase 2	Soil Sample	0.73	0.31	0.2	2.4
J413262	684001	4456805	Phase 2	Soil Sample	0.52	0.20	null	2.5
J413263	683998	4456845	Phase 2	Soil Sample	1.21	0.28	0.3	3.7
J413264	683998	4456881	Phase 2	Soil Sample	1.45	0.17	0.3	3.4

J413265	683999	4456920	Phase 2	Soil Sample	1.70	0.44	0.5	5.7
J413266	683998	4456959	Phase 2	Soil Sample	0.93	0.36	0.3	4.1
J413267	683999	4457001	Phase 2	Soil Sample	1.79	1.17	0.7	7.9
J413268	683998	4457037	Phase 2	Soil Sample	0.45	0.17	0.3	1.1
J413269	683203	4456845	Phase 2	Soil Sample	6.14	1.74	2.2	3.4
J413272	684081	4456824	Phase 2	Soil Sample	0.55	0.23	0.3	1.5
J413273	684080	4456865	Phase 2	Soil Sample	1.72	1.75	0.8	7.9
J413274	684080	4456906	Phase 2	Soil Sample	0.37	0.19	null	2.2
J413275	684079	4456944	Phase 2	Soil Sample	0.91	0.36	0.4	3.0
J413276	684078	4457026	Phase 2	Soil Sample	0.87	0.60	0.4	4.1
J413277	684079	4457062	Phase 2	Soil Sample	1.26	0.23	null	2.3
J413278	684238	4457102	Phase 2	Soil Sample	0.31	0.13	null	2.3
J413279	684242	4457058	Phase 2	Soil Sample	1.19	0.74	0.3	2.6
J413281	684242	4457021	Phase 2	Soil Sample	1.01	0.12	0.3	5.3
J413282	684240	4456982	Phase 2	Soil Sample	1.63	1.26	0.6	6.1
J413283	684241	4456940	Phase 2	Soil Sample	0.63	0.31	0.2	2.3
J413284	684241	4456901	Phase 2	Soil Sample	1.07	0.35	0.2	5.7
J413285	684242	4456861	Phase 2	Soil Sample	0.39	0.17	0.2	1.8
J413286	684397	4457017	Phase 2	Soil Sample	0.51	0.32	0.3	1.8
J413287	684398	4457056	Phase 2	Soil Sample	1.09	0.41	0.4	4.8
J413288	684397	4457098	Phase 2	Soil Sample	1.66	0.76	1.0	4.0
J413289	684398	4457134	Phase 2	Soil Sample	0.58	0.14	0.3	2.8
J413291	684548	4457022	Phase 2	Soil Sample	0.69	0.24	null	4.0
J413292	684721	4457061	Phase 2	Soil Sample	0.56	0.44	0.3	2.8
J413293	684877	4457096	Phase 2	Soil Sample	0.68	0.36	0.2	2.9
J413294	684877	4457138	Phase 2	Soil Sample	1.18	1.04	0.5	4.4
J413295	684878	4457178	Phase 2	Soil Sample	1.34	0.41	1.4	3.9
J413296	684876	4457221	Phase 2	Soil Sample	2.88	3.51	1.3	3.4
J413297	684874	4457260	Phase 2	Soil Sample	0.63	0.29	0.3	3.2
J413298	685036	4457383	Phase 2	Soil Sample	0.48	0.29	0.4	2.3
J413299	685040	4457339	Phase 2	Soil Sample	0.54	0.21	0.4	2.1
J413301	685044	4457301	Phase 2	Soil Sample	1.48	0.33	null	2.2
J413302	685040	4457263	Phase 2	Soil Sample	1.58	0.24	0.4	4.5
J413303	685042	4457218	Phase 2	Soil Sample	1.14	0.23	0.4	6.8
J413304	685038	4457186	Phase 2	Soil Sample	0.61	0.27	null	2.0
J413305	685029	4457134	Phase 2	Soil Sample	1.84	0.72	0.6	4.2
J413306	685199	4457181	Phase 2	Soil Sample	0.67	0.18	null	2.8
J413307	685197	4457221	Phase 2	Soil Sample	0.86	0.24	0.3	2.9
J413308	685196	4457259	Phase 2	Soil Sample	1.10	0.77	0.6	3.8
J413309	685197	4457303	Phase 2	Soil Sample	0.64	0.33	0.6	1.8
J413311	685196	4457341	Phase 2	Soil Sample	4.05	0.25	null	3.0
J413312	685196	4457381	Phase 2	Soil Sample	0.62	0.15	null	3.9
J413313	685198	4457424	Phase 2	Soil Sample	0.80	0.30	0.8	3.0
J413314	685359	4457465	Phase 2	Soil Sample	0.55	0.29	null	2.5
J413315	685359	4457420	Phase 2	Soil Sample	0.62	0.28	null	2.2
J413316	685360	4457380	Phase 2	Soil Sample	2.82	0.27	0.2	2.5

J413317	685358	4457342	Phase 2	Soil Sample	0.93	0.30	0.5	3.0
J413318	685362	4457297	Phase 2	Soil Sample	0.97	0.24	0.2	3.8
J413319	685361	4457260	Phase 2	Soil Sample	2.19	0.65	0.5	5.7
J413321	685361	4457223	Phase 2	Soil Sample	0.86	0.29	null	3.0
J413322	685358	4457187	Phase 2	Soil Sample	0.49	0.11	null	1.5
J413323	685524	4457217	Phase 2	Soil Sample	0.81	0.44	0.2	1.6
J413324	685519	4457258	Phase 2	Soil Sample	1.02	1.06	null	1.9
J413325	685519	4457284	Phase 2	Soil Sample	1.24	0.35	0.4	1.7
J413326	685518	4457337	Phase 2	Soil Sample	2.09	0.42	0.2	2.0
J413327	685520	4457380	Phase 2	Soil Sample	0.77	0.09	0.2	1.9
J413328	685527	4457417	Phase 2	Soil Sample	0.51	0.15	null	2.8
J413329	685518	4457444	Phase 2	Soil Sample	0.74	0.26	0.5	3.0
J413331	685678	4457459	Phase 2	Soil Sample	0.62	0.29	0.3	2.3
J413332	685679	4457419	Phase 2	Soil Sample	0.90	0.09	null	1.9
J413333	685681	4457377	Phase 2	Soil Sample	1.40	0.40	3.9	3.5
J413334	685678	4457339	Phase 2	Soil Sample	0.66	0.34	null	1.7
J413335	678100	4454471	Phase 2	Soil Sample	0.74	0.12	0.7	1.2
J413336	678098	4454518	Phase 2	Soil Sample	0.74	0.46	null	2.4
J413337	678099	4454558	Phase 2	Soil Sample	0.61	0.21	0.3	3.8
J413338	678099	4454596	Phase 2	Soil Sample	0.44	0.51	0.3	3.0
J413339	678097	4454630	Phase 2	Soil Sample	5.28	1.28	1.8	12.5
J413341	678097	4454682	Phase 2	Soil Sample	1.04	1.32	0.4	3.0
J413342	678097	4454719	Phase 2	Soil Sample	2.75	2.44	5.0	10.6
J413343	678257	4454720	Phase 2	Soil Sample	0.40	1.54	null	2.0
J413344	678259	4454675	Phase 2	Soil Sample	1.06	1.06	0.3	5.9
J413345	678257	4454639	Phase 2	Soil Sample	0.81	13.60	0.2	3.4
J413346	678261	4454598	Phase 2	Soil Sample	0.54	1.59	null	2.1
J413347	678261	4454560	Phase 2	Soil Sample	0.85	0.46	0.2	4.9
J413348	678255	4454517	Phase 2	Soil Sample	1.42	0.64	0.7	6.3
J413349	678257	4454475	Phase 2	Soil Sample	0.64	0.32	0.2	2.6
J413351	684798	4457079	Phase 2	Soil Sample	0.72	0.53	0.3	3.2
J413352	684799	4457121	Phase 2	Soil Sample	0.60	0.40	0.2	2.9
J413353	684800	4457159	Phase 2	Soil Sample	1.12	0.39	0.3	3.1
J413354	684801	4457200	Phase 2	Soil Sample	0.46	0.18	0.2	3.2
J413355	684799	4457239	Phase 2	Soil Sample	1.16	0.62	0.7	3.9
J413356	684798	4457280	Phase 2	Soil Sample	0.45	0.14	null	3.5
J413357	684960	4457282	Phase 2	Soil Sample	0.81	0.21	null	1.4
J413358	684962	4457241	Phase 2	Soil Sample	0.49	0.14	null	1.9
J413359	684961	4457204	Phase 2	Soil Sample	0.68	0.33	null	2.6
J413360	684960	4457159	Phase 2	Soil Sample	0.11	0.35	null	0.5
J413362	684963	4457120	Phase 2	Soil Sample	0.62	0.36	null	2.9
J413363	685125	4457150	Phase 2	Soil Sample	0.95	0.45	0.4	4.9
J413364	685113	4457213	Phase 2	Soil Sample	0.51	0.32	0.2	2.9
J413365	685123	4457238	Phase 2	Soil Sample	0.68	0.38	0.2	3.8
J413366	685120	4457279	Phase 2	Soil Sample	1.04	0.26	0.2	2.3
J413367	685119	4457324	Phase 2	Soil Sample	0.95	0.36	0.2	1.6

J413368	685118	4457359	Phase 2	Soil Sample	0.49	1.12	0.3	2.3
J413369	685119	4457399	Phase 2	Soil Sample	0.75	0.36	null	3.3
J413371	685274	4457438	Phase 2	Soil Sample	0.75	0.33	1.1	3.5
J413372	685280	4457405	Phase 2	Soil Sample	0.39	0.07	0.3	2.3
J413373	685275	4457364	Phase 2	Soil Sample	1.06	0.11	null	4.0
J413374	685279	4457324	Phase 2	Soil Sample	0.80	0.46	0.3	2.2
J413375	685284	4457286	Phase 2	Soil Sample	0.62	0.42	0.2	2.5
J413376	685280	4457241	Phase 2	Soil Sample	0.86	0.50	0.3	5.4
J413377	685278	4457202	Phase 2	Soil Sample	0.65	0.55	0.6	4.7
J413378	685280	4457165	Phase 2	Soil Sample	0.85	0.79	0.2	5.4
J413379	685435	4457204	Phase 2	Soil Sample	0.54	0.39	null	2.5
J413381	685438	4457243	Phase 2	Soil Sample	0.60	0.38	null	2.5
J413382	685439	4457282	Phase 2	Soil Sample	0.69	0.45	0.2	3.3
J413383	685440	4457322	Phase 2	Soil Sample	0.70	0.41	0.2	2.0
J413384	685438	4457358	Phase 2	Soil Sample	3.86	0.49	0.5	3.9
J413385	685441	4457400	Phase 2	Soil Sample	1.24	0.34	0.2	2.4
J413386	685441	4457443	Phase 2	Soil Sample	0.50	0.17	null	2.5
J413387	685601	4457446	Phase 2	Soil Sample	0.47	0.32	0.3	3.3
J413388	685603	4457402	Phase 2	Soil Sample	0.48	0.41	null	2.8
J413389	685603	4457360	Phase 2	Soil Sample	0.69	0.52	0.4	2.3
J413391	685602	4457321	Phase 2	Soil Sample	1.30	0.48	0.2	2.6
J413392	685603	4457280	Phase 2	Soil Sample	0.56	0.51	0.3	2.8
J413393	685603	4457241	Phase 2	Soil Sample	0.52	0.21	null	2.3
J413394	685760	4457358	Phase 2	Soil Sample	0.68	0.36	0.7	2.2
J413395	685759	4457402	Phase 2	Soil Sample	0.66	0.35	0.2	2.1
J413396	685759	4457440	Phase 2	Soil Sample	0.33	0.09	null	4.7
J413397	685679	4457301	Phase 2	Soil Sample	0.92	0.38	0.2	2.3
J413398	678341	4454541	Phase 2	Soil Sample	0.82	1.12	0.3	2.7
J413399	678338	4454581	Phase 2	Soil Sample	0.43	0.97	0.2	3.2
J413401	678338	4454619	Phase 2	Soil Sample	0.39	0.22	null	2.8
J413402	678340	4454658	Phase 2	Soil Sample	0.84	0.29	null	2.9
J413403	678340	4454698	Phase 2	Soil Sample	1.34	1.84	0.3	3.2
J413404	678351	4454727	Phase 2	Soil Sample	0.41	0.29	null	3.5
J413405	678176	4454737	Phase 2	Soil Sample	0.92	0.52	0.5	2.6
J413406	678177	4454701	Phase 2	Soil Sample	0.76	6.02	0.3	4.0
J413407	678181	4454658	Phase 2	Soil Sample	0.69	0.47	null	3.2
J413408	678177	4454620	Phase 2	Soil Sample	4.71	2.85	1.0	7.4
J413409	678179	4454582	Phase 2	Soil Sample	0.54	0.44	null	3.2
J413411	678176	4454538	Phase 2	Soil Sample	0.52	0.33	null	3.0
J413412	678177	4454490	Phase 2	Soil Sample	0.91	0.45	0.5	3.8
J413413	678016	4454503	Phase 2	Soil Sample	0.46	0.17	null	2.4
J413414	678016	4454541	Phase 2	Soil Sample	0.42	0.31	0.2	1.4
J413415	678017	4454582	Phase 2	Soil Sample	1.12	0.63	0.2	5.9
J413416	678020	4454622	Phase 2	Soil Sample	1.07	0.98	0.8	6.8
J413417	678022	4454663	Phase 2	Soil Sample	0.99	1.01	0.3	4.4
J413418	678019	4454701	Phase 2	Soil Sample	0.79	4.54	0.3	1.5

J413419	678022	4454743	Phase 2	Soil Sample	0.91	0.52	0.3	2.6
J413421	677942	4454725	Phase 2	Soil Sample	0.56	1.84	0.4	0.7
J413422	677862	4454738	Phase 2	Soil Sample	1.24	1.88	0.4	4.0
J413423	677782	4454721	Phase 2	Soil Sample	1.16	3.64	0.2	3.1
J413424	677701	4454742	Phase 2	Soil Sample	0.69	4.72	0.2	2.1
J413425	677620	4454722	Phase 2	Soil Sample	0.68	3.50	null	2.1
J413426	677459	4454721	Phase 2	Soil Sample	0.45	1.52	0.4	1.9
J413427	677459	4454683	Phase 2	Soil Sample	0.67	2.02	0.3	2.9
J413428	677459	4454603	Phase 2	Soil Sample	0.56	0.56	null	3.7
J413429	677460	4454564	Phase 2	Soil Sample	0.79	0.09	null	6.8
J413431	677456	4454523	Phase 2	Soil Sample	0.53	0.17	0.2	2.0
J413432	677459	4454482	Phase 2	Soil Sample	0.47	0.30	null	2.4
J413433	677301	4454479	Phase 2	Soil Sample	0.46	0.09	null	2.3
J413434	677299	4454523	Phase 2	Soil Sample	0.40	0.14	null	1.9
J413435	677298	4454561	Phase 2	Soil Sample	0.39	0.20	null	1.6
J413436	677297	4454598	Phase 2	Soil Sample	1.62	0.63	0.5	7.6
J413437	677296	4454641	Phase 2	Soil Sample	0.95	1.32	0.3	2.8
J413438	677298	4454678	Phase 2	Soil Sample	0.86	0.84	0.4	5.1
J413439	677297	4454720	Phase 2	Soil Sample	0.82	1.84	0.2	2.5
J413441	677140	4454715	Phase 2	Soil Sample	1.32	3.73	0.3	2.7
J413442	677141	4454680	Phase 2	Soil Sample	0.82	1.28	0.2	3.2
J413443	677141	4454640	Phase 2	Soil Sample	1.68	1.28	0.6	5.2
J413444	677141	4454601	Phase 2	Soil Sample	1.64	0.89	0.5	5.8
J413445	677140	4454562	Phase 2	Soil Sample	0.60	0.49	null	2.0
J413446	677141	4454521	Phase 2	Soil Sample	0.84	0.09	null	4.1
J413447	677142	4454482	Phase 2	Soil Sample	0.64	0.17	null	3.0
J413448	676977	4454481	Phase 2	Soil Sample	0.45	0.73	0.3	2.0
J413449	676976	4454517	Phase 2	Soil Sample	0.37	0.25	null	1.5
J413451	677937	4454559	Phase 2	Soil Sample	0.54	0.73	null	2.8
J413452	677939	4454520	Phase 2	Soil Sample	0.35	0.12	0.3	1.3
J413453	677939	4454484	Phase 2	Soil Sample	0.70	0.16	0.2	2.0
J413454	677858	4454499	Phase 2	Soil Sample	0.90	0.22	1.0	0.7
J413455	677857	4454543	Phase 2	Soil Sample	0.51	0.81	null	3.0
J413456	677860	4454583	Phase 2	Soil Sample	0.59	0.83	0.3	2.2
J413457	677778	4454560	Phase 2	Soil Sample	0.33	0.11	null	2.0
J413458	677781	4454523	Phase 2	Soil Sample	0.93	0.40	0.2	5.1
J413459	677781	4454481	Phase 2	Soil Sample	1.34	0.50	0.5	4.5
J413461	677698	4454501	Phase 2	Soil Sample	0.67	0.12	null	3.9
J413462	677698	4454539	Phase 2	Soil Sample	2.57	0.48	0.5	7.2
J413463	677702	4454578	Phase 2	Soil Sample	1.77	0.49	0.6	9.9
J413464	677621	4454557	Phase 2	Soil Sample	0.71	0.29	null	4.0
J413465	677619	4454521	Phase 2	Soil Sample	0.63	0.23	null	4.5
J413466	677619	4454481	Phase 2	Soil Sample	0.66	0.24	null	4.3
J413467	677540	4454500	Phase 2	Soil Sample	1.52	0.50	1.0	6.1
J413468	677540	4454541	Phase 2	Soil Sample	0.83	0.37	0.3	4.5
J413469	677538	4454581	Phase 2	Soil Sample	0.66	0.20	0.2	4.4

J413471	677538	4454617	Phase 2	Soil Sample	0.57	0.37	0.6	1.2
J413472	677531	4454670	Phase 2	Soil Sample	0.87	1.04	0.4	3.9
J413473	677539	4454698	Phase 2	Soil Sample	1.08	1.55	0.4	4.7
J413474	677540	4454732	Phase 2	Soil Sample	0.57	6.96	0.3	1.8
J413475	677375	4454734	Phase 2	Soil Sample	0.60	2.11	0.2	2.0
J413476	677377	4454700	Phase 2	Soil Sample	0.64	2.90	null	2.6
J413477	677379	4454660	Phase 2	Soil Sample	1.02	1.11	0.3	6.2
J413478	677378	4454539	Phase 2	Soil Sample	0.45	0.37	0.3	1.2
J413479	677380	4454498	Phase 2	Soil Sample	0.56	0.24	null	1.2
J413481	677214	4454495	Phase 2	Soil Sample	0.89	0.17	0.2	1.6
J413482	677219	4454536	Phase 2	Soil Sample	0.82	0.10	null	3.9
J413483	677217	4454576	Phase 2	Soil Sample	1.53	1.20	0.6	6.7
J413484	677217	4454619	Phase 2	Soil Sample	1.30	0.31	0.7	6.1
J413485	677218	4454657	Phase 2	Soil Sample	0.84	1.54	0.5	4.4
J413486	677218	4454700	Phase 2	Soil Sample	0.86	2.93	0.2	1.7
J413487	677219	4454732	Phase 2	Soil Sample	0.94	0.19	2.5	3.4
J413488	677056	4454504	Phase 2	Soil Sample	0.64	0.28	0.2	1.9
J413489	677059	4454541	Phase 2	Soil Sample	0.56	0.24	null	1.2
J413491	677059	4454584	Phase 2	Soil Sample	0.88	0.66	0.3	3.8
J413492	677057	4454623	Phase 2	Soil Sample	0.88	0.78	0.2	2.2
J413493	677060	4454660	Phase 2	Soil Sample	0.59	1.00	0.3	2.7
J413494	677059	4454705	Phase 2	Soil Sample	0.75	1.33	0.6	3.4
J413495	677061	4454744	Phase 2	Soil Sample	0.85	2.36	0.2	2.3
J413496	676899	4454742	Phase 2	Soil Sample	1.04	0.33	0.7	2.6
J413497	676900	4454705	Phase 2	Soil Sample	2.94	1.68	1.0	6.0
J413498	676901	4454663	Phase 2	Soil Sample	1.00	0.88	1.2	2.3
J413499	676897	4454620	Phase 2	Soil Sample	1.62	0.85	0.4	1.5
J413501	676977	4454557	Phase 2	Soil Sample	0.67	0.95	null	2.6
J413502	676977	4454597	Phase 2	Soil Sample	0.93	0.70	0.4	3.1
J413503	676977	4454638	Phase 2	Soil Sample	0.75	0.33	0.3	1.3
J413504	676977	4454678	Phase 2	Soil Sample	0.55	0.76	0.2	3.2
J413505	676977	4454719	Phase 2	Soil Sample	2.28	4.74	0.7	5.5
J413506	676816	4454483	Phase 2	Soil Sample	0.48	0.60	null	2.4
J413507	676819	4454522	Phase 2	Soil Sample	0.56	0.60	null	1.9
J413508	676820	4454561	Phase 2	Soil Sample	0.52	0.53	0.5	1.4
J413509	676821	4454601	Phase 2	Soil Sample	0.68	0.21	0.4	1.7
J413511	676821	4454640	Phase 2	Soil Sample	1.13	0.80	0.3	2.9
J413512	676822	4454682	Phase 2	Soil Sample	0.67	1.38	0.6	2.2
J413513	676819	4454724	Phase 2	Soil Sample	0.64	1.73	0.2	1.3
J413514	676662	4454722	Phase 2	Soil Sample	0.41	2.34	0.2	2.4
J413515	676661	4454682	Phase 2	Soil Sample	0.57	1.00	0.2	3.2
J413516	676660	4454643	Phase 2	Soil Sample	0.59	1.39	0.5	2.1
J413517	676661	4454603	Phase 2	Soil Sample	0.56	0.65	0.4	2.6
J413518	676659	4454564	Phase 2	Soil Sample	0.53	0.30	0.3	2.2
J413519	676659	4454523	Phase 2	Soil Sample	0.65	0.43	0.3	2.3
J413521	676660	4454482	Phase 2	Soil Sample	0.76	0.41	0.3	3.6

J413522	676497	4454485	Phase 2	Soil Sample	0.41	0.62	0.3	3.2
J413523	676498	4454520	Phase 2	Soil Sample	0.45	0.53	0.4	2.5
J413524	676499	4454560	Phase 2	Soil Sample	0.41	0.61	0.4	2.2
J413525	676498	4454600	Phase 2	Soil Sample	0.50	0.65	0.7	1.6
J413526	676499	4454640	Phase 2	Soil Sample	1.35	0.73	0.6	2.4
J413527	676498	4454678	Phase 2	Soil Sample	0.87	0.44	0.5	3.1
J413528	676500	4454720	Phase 2	Soil Sample	0.38	1.36	0.3	1.8
J413529	676580	4454504	Phase 2	Soil Sample	0.52	0.49	0.2	2.0
J413531	676576	4454544	Phase 2	Soil Sample	1.36	0.57	0.6	1.8
J413532	676578	4454582	Phase 2	Soil Sample	0.61	0.45	0.4	2.9
J413533	676420	4454499	Phase 2	Soil Sample	0.43	0.58	0.3	3.8
J413534	676423	4454541	Phase 2	Soil Sample	0.47	0.95	0.4	2.5
J413535	676420	4454581	Phase 2	Soil Sample	0.42	0.85	0.5	2.1
J413536	676419	4454617	Phase 2	Soil Sample	0.43	0.59	0.4	1.8
J413537	676420	4454659	Phase 2	Soil Sample	0.50	0.58	0.3	1.7
J413538	676422	4454698	Phase 2	Soil Sample	3.00	3.16	0.8	4.1
J413539	676421	4454736	Phase 2	Soil Sample	0.39	3.00	0.4	2.5
J413541	676344	4454720	Phase 2	Soil Sample	0.56	1.80	0.6	2.6
J413542	676342	4454681	Phase 2	Soil Sample	1.89	0.65	1.1	3.0
J413543	676342	4454642	Phase 2	Soil Sample	1.71	2.38	0.4	1.7
J413544	676337	4454602	Phase 2	Soil Sample	0.49	0.86	0.6	1.6
J413545	676340	4454560	Phase 2	Soil Sample	0.46	0.80	0.6	1.8
J413546	676340	4454521	Phase 2	Soil Sample	0.45	0.53	0.3	1.5
J413547	676341	4454479	Phase 2	Soil Sample	0.41	0.80	0.4	3.0
J413548	676258	4454500	Phase 2	Soil Sample	0.41	0.44	0.2	2.3
J413549	676256	4454540	Phase 2	Soil Sample	0.43	0.61	0.4	1.6
J413551	676901	4454579	Phase 2	Soil Sample	0.97	0.29	0.4	3.0
J413552	676899	4454541	Phase 2	Soil Sample	0.70	0.76	0.5	2.5
J413553	676900	4454502	Phase 2	Soil Sample	0.43	0.52	0.5	2.7
J413554	676738	4454499	Phase 2	Soil Sample	0.74	0.62	0.5	2.9
J413555	676739	4454540	Phase 2	Soil Sample	0.81	0.17	0.4	3.2
J413556	676737	4454577	Phase 2	Soil Sample	0.96	0.50	0.4	2.8
J413557	676739	4454620	Phase 2	Soil Sample	0.64	0.52	0.4	1.0
J413558	676739	4454654	Phase 2	Soil Sample	2.32	2.50	1.1	3.5
J413559	676738	4454697	Phase 2	Soil Sample	0.60	1.04	0.3	2.7
J413561	676739	4454736	Phase 2	Soil Sample	1.48	1.39	0.3	3.0
J413562	676581	4454738	Phase 2	Soil Sample	0.54	1.39	0.3	2.9
J413563	676576	4454697	Phase 2	Soil Sample	0.55	2.61	0.3	2.3
J413564	676578	4454660	Phase 2	Soil Sample	0.74	0.41	0.3	2.6
J413565	676579	4454618	Phase 2	Soil Sample	1.27	0.30	0.8	5.1
J413566	676258	4454581	Phase 2	Soil Sample	0.50	0.61	0.4	2.1
J413567	676259	4454620	Phase 2	Soil Sample	0.45	0.64	0.4	1.9
J413568	676258	4454663	Phase 2	Soil Sample	0.66	0.34	0.6	3.1
J413569	676258	4454702	Phase 2	Soil Sample	2.14	2.51	0.8	3.9
J413571	676258	4454739	Phase 2	Soil Sample	0.52	0.96	0.2	2.8
J413572	676180	4454721	Phase 2	Soil Sample	0.46	1.39	0.3	1.8

J413573	676180	4454682	Phase 2	Soil Sample	0.71	0.54	0.8	2.8
J413574	676177	4454645	Phase 2	Soil Sample	0.52	0.67	0.3	2.3
J413575	676180	4454599	Phase 2	Soil Sample	0.46	0.88	0.5	2.3
J413576	676180	4454562	Phase 2	Soil Sample	0.34	0.55	0.3	2.6
J413577	676179	4454521	Phase 2	Soil Sample	0.39	0.53	0.3	3.1
J413578	676180	4454484	Phase 2	Soil Sample	0.56	0.44	0.6	1.6
J413579	676100	4454457	Phase 2	Soil Sample	0.37	0.37	0.2	2.5
J413581	676097	4454499	Phase 2	Soil Sample	0.42	0.58	0.3	3.2
J413582	676099	4454539	Phase 2	Soil Sample	0.43	0.57	0.2	2.7
J413583	676101	4454579	Phase 2	Soil Sample	0.46	0.92	0.5	2.2
J413584	676102	4454621	Phase 2	Soil Sample	1.11	1.89	0.6	1.4
J413585	676100	4454661	Phase 2	Soil Sample	0.57	0.55	0.3	1.9
J413586	676100	4454698	Phase 2	Soil Sample	0.54	0.40	0.7	1.2
J413587	676100	4454740	Phase 2	Soil Sample	0.40	1.05	null	2.6
J413588	676022	4454719	Phase 2	Soil Sample	0.54	1.91	0.3	2.0
J413589	676022	4454682	Phase 2	Soil Sample	0.58	0.62	0.4	1.7
J413591	676022	4454641	Phase 2	Soil Sample	1.01	0.80	0.4	1.7
J413592	676021	4454602	Phase 2	Soil Sample	0.53	0.72	0.2	2.1
J413593	676021	4454563	Phase 2	Soil Sample	0.43	0.67	0.4	2.6
J413594	676021	4454521	Phase 2	Soil Sample	0.44	0.66	0.2	2.3
J413595	676019	4454481	Phase 2	Soil Sample	0.43	0.65	0.3	2.8
J413596	675940	4454461	Phase 2	Soil Sample	0.45	0.64	null	3.5
J413597	675939	4454499	Phase 2	Soil Sample	0.52	0.68	0.3	2.1
J413598	675940	4454541	Phase 2	Soil Sample	0.45	0.72	0.3	2.3
J413599	675937	4454580	Phase 2	Soil Sample	0.76	0.87	0.5	2.0
J413601	675937	4454619	Phase 2	Soil Sample	0.44	0.79	0.4	1.9
J413602	675937	4454659	Phase 2	Soil Sample	0.85	1.57	0.2	1.6
J413603	675938	4454699	Phase 2	Soil Sample	0.38	1.26	0.4	1.1
J413604	675937	4454739	Phase 2	Soil Sample	0.45	0.49	0.5	1.1
J413605	675860	4454718	Phase 2	Soil Sample	0.47	1.68	0.2	2.3
J413606	675859	4454681	Phase 2	Soil Sample	0.40	0.65	0.2	1.9
J413607	675859	4454642	Phase 2	Soil Sample	0.68	0.59	0.3	1.9
J413608	675861	4454601	Phase 2	Soil Sample	0.46	0.75	0.4	2.6
J413609	675862	4454564	Phase 2	Soil Sample	0.45	0.78	null	3.2
J413611	675861	4454525	Phase 2	Soil Sample	0.49	0.84	0.3	2.2
J413612	675861	4454482	Phase 2	Soil Sample	0.58	0.72	0.4	2.2
J413613	675783	4454461	Phase 2	Soil Sample	0.46	0.76	0.2	1.8
J413614	675780	4454496	Phase 2	Soil Sample	0.48	0.81	0.2	1.9
J413615	675778	4454539	Phase 2	Soil Sample	0.55	0.73	0.3	3.6
J413616	675779	4454582	Phase 2	Soil Sample	0.41	0.58	0.3	2.0
J413617	675780	4454621	Phase 2	Soil Sample	0.41	0.56	0.3	1.8
J413618	675777	4454660	Phase 2	Soil Sample	0.47	0.46	0.3	1.7
J413619	675778	4454703	Phase 2	Soil Sample	0.36	2.13	0.3	2.4
J413621	675779	4454739	Phase 2	Soil Sample	0.58	1.41	0.3	2.6
J413622	675701	4454722	Phase 2	Soil Sample	0.77	0.78	0.5	2.5
J413623	675699	4454680	Phase 2	Soil Sample	0.52	0.53	0.2	3.1

J413624	675700	4454640	Phase 2	Soil Sample	0.87	0.55	0.2	2.5
J413625	675699	4454600	Phase 2	Soil Sample	0.41	0.65	0.3	1.7
J413626	675698	4454559	Phase 2	Soil Sample	0.49	0.75	0.4	2.4
J413627	675699	4454519	Phase 2	Soil Sample	0.38	0.58	0.2	1.8
J413628	675699	4454478	Phase 2	Soil Sample	0.40	0.62	0.3	2.0
J413629	675616	4454458	Phase 2	Soil Sample	0.54	0.62	0.2	2.5
J413631	675616	4454497	Phase 2	Soil Sample	0.46	0.63	0.3	2.4
J413632	675618	4454537	Phase 2	Soil Sample	0.41	0.64	null	1.9
J413633	675619	4454577	Phase 2	Soil Sample	0.38	0.61	0.4	1.6
J413634	675618	4454617	Phase 2	Soil Sample	0.44	0.58	0.4	1.5
J413635	675617	4454656	Phase 2	Soil Sample	0.37	0.33	null	2.0
J413636	675616	4454699	Phase 2	Soil Sample	0.38	0.89	null	2.0
J413637	675615	4454739	Phase 2	Soil Sample	0.42	1.13	0.2	2.8
J413638	675539	4454721	Phase 2	Soil Sample	0.49	1.25	null	2.5
J413639	675541	4454685	Phase 2	Soil Sample	1.15	1.21	0.6	5.1
J413641	675540	4454643	Phase 2	Soil Sample	0.43	0.51	0.2	2.9
J413642	675543	4454605	Phase 2	Soil Sample	0.38	0.55	0.3	1.9
J413643	675539	4454561	Phase 2	Soil Sample	0.40	0.53	0.2	2.1
J413644	675537	4454523	Phase 2	Soil Sample	0.39	0.59	0.3	3.3
J413645	675538	4454482	Phase 2	Soil Sample	0.38	0.58	0.2	3.0
J413646	675461	4454466	Phase 2	Soil Sample	0.34	0.55	null	2.5
J413647	675460	4454503	Phase 2	Soil Sample	0.37	0.56	null	3.1
J413648	675459	4454543	Phase 2	Soil Sample	0.37	0.59	0.2	3.2
J413649	675458	4454583	Phase 2	Soil Sample	0.46	0.64	0.2	2.0
J413651	675458	4454621	Phase 2	Soil Sample	0.95	0.43	null	1.9
J413652	675458	4454663	Phase 2	Soil Sample	0.34	0.33	null	1.3
J413653	675458	4454700	Phase 2	Soil Sample	0.55	1.18	0.3	2.5
J413654	675457	4454742	Phase 2	Soil Sample	0.46	1.63	null	2.8
J413655	675379	4454722	Phase 2	Soil Sample	0.48	2.20	0.2	2.3
J413656	675378	4454682	Phase 2	Soil Sample	0.79	1.39	0.5	2.8
J413657	675378	4454644	Phase 2	Soil Sample	0.67	0.33	0.4	3.0
J413658	675378	4454601	Phase 2	Soil Sample	0.42	0.55	0.2	3.3
J413659	675382	4454563	Phase 2	Soil Sample	0.37	0.47	0.4	2.5
J413661	675382	4454522	Phase 2	Soil Sample	0.40	0.48	0.2	2.2
J413662	675380	4454479	Phase 2	Soil Sample	0.42	0.55	null	3.0
J413663	675301	4454456	Phase 2	Soil Sample	0.41	0.40	0.2	1.2
J413664	675299	4454499	Phase 2	Soil Sample	0.50	0.50	0.4	2.0
J413665	675299	4454537	Phase 2	Soil Sample	0.50	0.53	0.5	1.8
J413666	675300	4454578	Phase 2	Soil Sample	0.50	0.59	0.4	2.1
J413667	675297	4454619	Phase 2	Soil Sample	0.55	0.39	0.4	3.0
J413668	675296	4454659	Phase 2	Soil Sample	0.97	0.62	0.4	5.0
J413669	675296	4454700	Phase 2	Soil Sample	0.67	0.80	0.3	3.1
J413670	675295	4454740	Phase 2	Soil Sample	0.56	2.20	null	2.8
J413672	675220	4454724	Phase 2	Soil Sample	0.57	3.99	0.2	1.7
J413673	675219	4454683	Phase 2	Soil Sample	0.82	0.94	0.3	3.5
J413674	675219	4454642	Phase 2	Soil Sample	0.41	0.25	0.3	2.1

J413675	675221	4454603	Phase 2	Soil Sample	0.47	0.53	0.3	2.9
J413676	675218	4454562	Phase 2	Soil Sample	0.44	0.50	0.2	1.8
J413677	675220	4454524	Phase 2	Soil Sample	0.44	0.55	0.2	2.6
J413678	675220	4454481	Phase 2	Soil Sample	0.86	0.30	0.2	0.8
J413679	675139	4454460	Phase 2	Soil Sample	0.51	0.59	null	3.7
J413681	675138	4454502	Phase 2	Soil Sample	0.70	0.56	0.2	3.7
J413682	675139	4454540	Phase 2	Soil Sample	0.45	0.50	0.4	2.0
J413683	675139	4454584	Phase 2	Soil Sample	0.48	0.40	0.2	1.9
J413684	675139	4454621	Phase 2	Soil Sample	1.46	0.77	null	3.8
J413685	675140	4454661	Phase 2	Soil Sample	0.23	0.10	null	0.7
J413686	675140	4454700	Phase 2	Soil Sample	0.54	1.35	null	2.1
J413687	675089	4454716	Phase 2	Soil Sample	0.47	0.99	0.3	2.1
J413688	675062	4454682	Phase 2	Soil Sample	1.26	0.66	0.5	3.9
J413689	675059	4454643	Phase 2	Soil Sample	0.91	0.48	0.2	3.5
J413691	675060	4454600	Phase 2	Soil Sample	0.39	0.31	null	2.1
J413692	675061	4454560	Phase 2	Soil Sample	0.39	0.51	0.2	2.4
J413693	675060	4454524	Phase 2	Soil Sample	0.42	0.47	0.3	2.5
J413694	675059	4454486	Phase 2	Soil Sample	0.46	0.49	0.3	2.2
J413695	674981	4454460	Phase 2	Soil Sample	0.43	0.50	0.2	2.2
J413696	674977	4454502	Phase 2	Soil Sample	0.43	0.48	null	3.0
J413697	674976	4454543	Phase 2	Soil Sample	0.63	0.79	0.4	1.6
J413698	674975	4454582	Phase 2	Soil Sample	0.44	0.31	0.2	2.1
J413699	674977	4454618	Phase 2	Soil Sample	2.52	0.50	0.6	6.3
J413701	674899	4454720	Phase 2	Soil Sample	0.37	0.67	0.2	2.2
J413702	674898	4454682	Phase 2	Soil Sample	0.84	2.28	0.4	3.4
J413703	674899	4454639	Phase 2	Soil Sample	0.41	0.50	0.3	1.6
J413704	674899	4454600	Phase 2	Soil Sample	3.07	1.15	0.7	4.4
J413705	674899	4454562	Phase 2	Soil Sample	1.48	0.50	0.4	6.2
J413706	674899	4454523	Phase 2	Soil Sample	0.48	0.27	0.3	1.6
J413707	674901	4454482	Phase 2	Soil Sample	0.37	0.48	null	3.2
J413708	674818	4454700	Phase 2	Soil Sample	0.50	0.85	0.2	2.3
J413709	674820	4454659	Phase 2	Soil Sample	1.57	1.01	0.6	3.4
J413711	674820	4454619	Phase 2	Soil Sample	0.98	1.93	0.3	1.7
J413712	674821	4454582	Phase 2	Soil Sample	1.36	0.53	0.4	4.7
J413713	674822	4454541	Phase 2	Soil Sample	0.80	1.10	0.3	2.0
J413714	674821	4454500	Phase 2	Soil Sample	0.44	0.55	0.5	1.4
J413715	674821	4454458	Phase 2	Soil Sample	0.51	0.58	0.3	1.9
J413716	674740	4454477	Phase 2	Soil Sample	0.57	0.71	0.4	3.0
J413717	674737	4454521	Phase 2	Soil Sample	0.74	0.63	0.2	2.7
J413718	674739	4454560	Phase 2	Soil Sample	2.12	0.71	0.3	5.3
J413719	674739	4454599	Phase 2	Soil Sample	0.85	0.75	0.2	2.6
J413721	674740	4454639	Phase 2	Soil Sample	0.32	0.45	0.2	1.3
J413722	674740	4454680	Phase 2	Soil Sample	0.39	1.90	null	2.0
J413723	674741	4454720	Phase 2	Soil Sample	0.55	1.14	0.2	2.1
J413724	674659	4454542	Phase 2	Soil Sample	2.50	1.44	3.2	9.0
J413725	674662	4454465	Phase 2	Soil Sample	1.60	0.82	0.8	4.9

J413726	674583	4454483	Phase 2	Soil Sample	1.71	1.25	7.1	5.2
J413727	674581	4454521	Phase 2	Soil Sample	1.02	0.52	0.6	2.3
J413728	674580	4454559	Phase 2	Soil Sample	0.66	0.53	0.3	1.5
J413729	674579	4454602	Phase 2	Soil Sample	0.78	19.45	0.7	3.0
J413731	674578	4454641	Phase 2	Soil Sample	0.33	2.17	0.2	1.5
J413732	674658	4454703	Phase 2	Soil Sample	0.45	1.49	0.3	2.4
J413733	674660	4454661	Phase 2	Soil Sample	0.81	6.09	0.3	2.0
J413734	674659	4454620	Phase 2	Soil Sample	0.72	4.52	0.5	3.2
J413735	674662	4454580	Phase 2	Soil Sample	0.53	0.69	null	2.4
J413736	686080	4457438	Phase 2	Soil Sample	1.00	0.33	0.9	1.6
J413737	686078	4457400	Phase 2	Soil Sample	0.98	0.29	null	2.4
J413738	686080	4457358	Phase 2	Soil Sample	0.88	0.31	0.4	4.2
J413739	686080	4457318	Phase 2	Soil Sample	0.49	0.34	null	2.9
J413741	686081	4457280	Phase 2	Soil Sample	0.85	0.17	null	3.3
J413742	686080	4457241	Phase 2	Soil Sample	0.79	0.18	null	3.9
J413743	686003	4457223	Phase 2	Soil Sample	0.60	0.36	0.2	2.8
J413744	685996	4457261	Phase 2	Soil Sample	0.65	0.32	0.4	2.9
J413745	685997	4457300	Phase 2	Soil Sample	1.33	0.76	0.4	4.4
J413746	685998	4457341	Phase 2	Soil Sample	0.46	0.21	0.3	2.6
J413747	686000	4457381	Phase 2	Soil Sample	1.76	0.26	0.4	2.3
J413748	685998	4457422	Phase 2	Soil Sample	2.60	0.41	0.9	1.6
J413749	685920	4457401	Phase 2	Soil Sample	1.12	0.36	0.3	2.5
J413751	685920	4457361	Phase 2	Soil Sample	2.29	0.55	0.4	3.9
J413752	685921	4457322	Phase 2	Soil Sample	0.57	0.18	null	2.4
J413753	685920	4457282	Phase 2	Soil Sample	0.58	0.23	0.3	2.5
J413754	685918	4457244	Phase 2	Soil Sample	0.48	0.26	null	3.1
J413755	685838	4457258	Phase 2	Soil Sample	0.72	0.31	0.4	1.4
J413756	685839	4457299	Phase 2	Soil Sample	0.48	0.37	null	2.3
J413757	685839	4457337	Phase 2	Soil Sample	0.57	0.49	0.4	2.8
J413758	686154	4457464	Phase 2	Soil Sample	0.39	0.17	0.2	2.7
J413759	686162	4457422	Phase 2	Soil Sample	1.10	1.08	0.3	2.3
J413761	686160	4457380	Phase 2	Soil Sample	2.54	0.87	1.1	5.1
J413762	686161	4457341	Phase 2	Soil Sample	1.17	0.39	0.6	4.6
J413763	686161	4457303	Phase 2	Soil Sample	0.53	0.29	null	2.4
J413764	686160	4457261	Phase 2	Soil Sample	0.70	0.29	0.4	1.6
J413765	686159	4457221	Phase 2	Soil Sample	0.61	0.22	0.3	3.1
J413766	686240	4457203	Phase 2	Soil Sample	1.46	0.48	0.4	7.7
J413767	686240	4457237	Phase 2	Soil Sample	0.49	0.24	0.2	2.6
J413768	686244	4457274	Phase 2	Soil Sample	0.50	0.19	0.2	3.3
J413769	686237	4457318	Phase 2	Soil Sample	0.57	0.74	0.5	2.1
J413771	686240	4457356	Phase 2	Soil Sample	0.49	0.36	0.3	2.1
J413772	686238	4457396	Phase 2	Soil Sample	0.50	0.37	null	2.4
J413773	686243	4457440	Phase 2	Soil Sample	0.70	0.39	0.4	2.9
J413774	686318	4457462	Phase 2	Soil Sample	0.76	0.39	0.4	2.1
J413775	686319	4457419	Phase 2	Soil Sample	1.01	0.41	0.2	2.9
J413776	686320	4457379	Phase 2	Soil Sample	0.77	0.24	0.2	1.7

J413777	686318	4457338	Phase 2	Soil Sample	0.51	0.32	0.4	2.6
J413778	686320	4457301	Phase 2	Soil Sample	0.82	0.27	1.1	2.1
J413779	686318	4457260	Phase 2	Soil Sample	0.64	0.27	0.3	3.1
J413781	686316	4457223	Phase 2	Soil Sample	0.87	0.33	0.2	3.1
J413782	686317	4457181	Phase 2	Soil Sample	0.89	0.39	0.6	4.2
J413783	686396	4457201	Phase 2	Soil Sample	0.56	0.47	0.3	2.9
J413784	686398	4457240	Phase 2	Soil Sample	0.52	0.34	0.3	1.7
J413785	686399	4457281	Phase 2	Soil Sample	0.92	0.56	0.5	2.1
J413786	686399	4457317	Phase 2	Soil Sample	0.52	0.44	0.4	1.7
J413787	686400	4457360	Phase 2	Soil Sample	0.43	0.44	0.6	2.0
J413788	686398	4457396	Phase 2	Soil Sample	0.80	0.34	0.2	2.5
J413789	686399	4457438	Phase 2	Soil Sample	0.85	0.45	0.5	3.3
J413791	686479	4457463	Phase 2	Soil Sample	0.36	0.34	0.5	1.8
J413792	686480	4457419	Phase 2	Soil Sample	0.63	0.47	0.2	2.4
J413793	686482	4457381	Phase 2	Soil Sample	1.12	0.54	0.7	3.5
J413794	686479	4457341	Phase 2	Soil Sample	0.50	0.39	0.3	1.5
J413795	686479	4457302	Phase 2	Soil Sample	0.49	0.40	0.2	2.2
J413796	686479	4457262	Phase 2	Soil Sample	0.44	0.40	0.3	3.2
J413797	686477	4457224	Phase 2	Soil Sample	0.54	0.42	0.2	3.0
J413798	686560	4457440	Phase 2	Soil Sample	0.60	0.33	0.5	2.1
J413799	686564	4457399	Phase 2	Soil Sample	0.52	0.17	0.4	1.7
J413801	686561	4457362	Phase 2	Soil Sample	0.39	0.28	0.2	2.1
J413802	686562	4457324	Phase 2	Soil Sample	0.42	0.41	0.4	2.9
J413803	686560	4457279	Phase 2	Soil Sample	0.53	0.47	0.4	2.7
J413804	686564	4457238	Phase 2	Soil Sample	0.57	0.45	0.4	3.0
J413805	686643	4457258	Phase 2	Soil Sample	0.54	0.49	0.2	2.6
J413806	686640	4457297	Phase 2	Soil Sample	0.46	0.49	0.2	2.9
J413807	686638	4457337	Phase 2	Soil Sample	1.03	0.28	0.4	2.5
J413808	686641	4457377	Phase 2	Soil Sample	0.69	0.41	0.4	1.1
J413809	686640	4457417	Phase 2	Soil Sample	0.42	0.62	null	1.4
J413811	686638	4457458	Phase 2	Soil Sample	0.64	0.56	0.4	2.5
J413812	686718	4457440	Phase 2	Soil Sample	0.46	0.35	0.2	2.2
J413813	686721	4457399	Phase 2	Soil Sample	0.60	0.53	null	2.8
J413814	686720	4457361	Phase 2	Soil Sample	0.59	0.37	0.3	2.3
J413815	686719	4457321	Phase 2	Soil Sample	0.54	0.39	0.6	2.8
J413816	686720	4457281	Phase 2	Soil Sample	0.64	0.43	0.2	2.7
J413817	686798	4457223	Phase 2	Soil Sample	0.59	0.37	null	1.9
J413818	686719	4457242	Phase 2	Soil Sample	0.41	0.31	0.2	2.3
J413819	686798	4457257	Phase 2	Soil Sample	0.45	0.30	0.3	2.0
J413821	686798	4457299	Phase 2	Soil Sample	0.76	0.38	0.2	2.8
J413822	686795	4457332	Phase 2	Soil Sample	0.21	0.15	0.2	1.3
J413823	686796	4457379	Phase 2	Soil Sample	1.63	0.39	null	2.5
J413824	686798	4457418	Phase 2	Soil Sample	0.62	0.32	0.3	1.6
J413825	686796	4457458	Phase 2	Soil Sample	0.46	0.40	0.3	2.0
J413826	686877	4457443	Phase 2	Soil Sample	0.44	0.29	null	2.6
J413827	686877	4457400	Phase 2	Soil Sample	0.77	0.97	0.5	2.5

J413828	686878	4457360	Phase 2	Soil Sample	0.72	0.28	0.8	2.6
J413829	686878	4457322	Phase 2	Soil Sample	0.61	0.31	0.4	2.5
J413831	686879	4457282	Phase 2	Soil Sample	0.77	0.19	0.4	3.8
J413832	686877	4457240	Phase 2	Soil Sample	0.66	0.49	0.2	1.7
J413833	686878	4457201	Phase 2	Soil Sample	0.49	0.25	0.2	1.8
J413834	686964	4457466	Phase 2	Soil Sample	0.49	0.36	0.2	2.3
J413835	686963	4457423	Phase 2	Soil Sample	0.64	0.29	0.6	2.8
J413836	686964	4457384	Phase 2	Soil Sample	0.52	0.17	1.3	1.5
J413837	686962	4457342	Phase 2	Soil Sample	0.61	0.34	0.6	1.9
J413838	686961	4457304	Phase 2	Soil Sample	0.68	0.35	0.4	2.6
J413839	686960	4457264	Phase 2	Soil Sample	1.38	0.32	0.5	5.1
J413841	686961	4457226	Phase 2	Soil Sample	0.38	0.58	0.2	1.8
J413842	687039	4457203	Phase 2	Soil Sample	12.95	1.22	0.5	5.1
J413843	687038	4457240	Phase 2	Soil Sample	0.93	0.48	0.4	3.4
J413844	687038	4457282	Phase 2	Soil Sample	1.57	0.62	0.6	6.0
J413845	687039	4457323	Phase 2	Soil Sample	0.56	0.39	0.5	3.3
J413846	687038	4457362	Phase 2	Soil Sample	0.74	0.35	0.5	2.7
J413847	687039	4457397	Phase 2	Soil Sample	0.97	0.51	0.3	2.1
J413848	687038	4457439	Phase 2	Soil Sample	0.74	0.34	0.5	1.0
J413849	687121	4457458	Phase 2	Soil Sample	0.86	0.82	0.6	2.7
J413851	687121	4457420	Phase 2	Soil Sample	0.80	0.58	0.5	2.6
J413852	687121	4457377	Phase 2	Soil Sample	0.93	0.70	1.3	3.4
J413853	687120	4457339	Phase 2	Soil Sample	0.51	0.37	0.2	3.3
J413854	687119	4457299	Phase 2	Soil Sample	0.40	0.25	0.3	2.2
J413855	687118	4457256	Phase 2	Soil Sample	0.82	0.45	0.5	3.1
J413856	687118	4457221	Phase 2	Soil Sample	0.62	0.52	0.5	1.7
J413857	687199	4457200	Phase 2	Soil Sample	0.41	0.20	null	2.4
J413858	687199	4457237	Phase 2	Soil Sample	0.80	0.33	0.3	2.5
J413859	687202	4457276	Phase 2	Soil Sample	0.82	0.24	0.3	2.2
J413861	687201	4457316	Phase 2	Soil Sample	0.68	0.22	0.3	1.4
J413862	687198	4457357	Phase 2	Soil Sample	0.52	0.28	0.5	2.3
J413863	687200	4457398	Phase 2	Soil Sample	1.96	0.31	0.9	1.9
J413864	687198	4457439	Phase 2	Soil Sample	0.47	0.26	0.2	2.5
J413866	687278	4457462	Phase 2	Soil Sample	0.93	0.44	0.7	2.4
J413867	687280	4457423	Phase 2	Soil Sample	0.37	0.15	0.5	1.6
J413868	687278	4457380	Phase 2	Soil Sample	2.05	1.01	2.8	1.3
J413869	687281	4457342	Phase 2	Soil Sample	0.61	0.33	0.4	2.8
J413871	687282	4457303	Phase 2	Soil Sample	0.38	0.49	0.4	2.2
J413872	687281	4457264	Phase 2	Soil Sample	0.43	0.17	0.2	2.4
J413873	687281	4457226	Phase 2	Soil Sample	0.50	0.15	0.2	1.5
J413874	687278	4457184	Phase 2	Soil Sample	0.47	0.20	0.4	2.0
J413875	688244	4457102	Phase 2	Soil Sample	0.78	0.69	0.6	3.8
J413876	688244	4457142	Phase 2	Soil Sample	0.73	0.55	0.3	3.0
J413877	688240	4457184	Phase 2	Soil Sample	1.07	0.66	0.2	3.3
J413878	688240	4457221	Phase 2	Soil Sample	0.47	0.86	null	3.0
J413879	688243	4457260	Phase 2	Soil Sample	2.27	1.74	null	2.4

J413881	688242	4457302	Phase 2	Soil Sample	0.70	0.50	0.3	2.8
J413882	688319	4457322	Phase 2	Soil Sample	0.75	0.74	0.4	3.8
J413883	688321	4457285	Phase 2	Soil Sample	0.76	0.46	null	2.9
J413884	688318	4457239	Phase 2	Soil Sample	0.36	0.17	0.3	1.9
J413885	688322	4457201	Phase 2	Soil Sample	0.73	0.38	null	2.0
J413886	688320	4457160	Phase 2	Soil Sample	0.82	0.58	0.4	1.7
J413887	688320	4457120	Phase 2	Soil Sample	0.64	0.49	0.2	1.7
J413888	688320	4457078	Phase 2	Soil Sample	0.55	0.26	null	2.9
J413889	688402	4457098	Phase 2	Soil Sample	1.18	1.32	0.3	3.2
J413891	688398	4457141	Phase 2	Soil Sample	0.65	0.39	null	1.6
J413892	688400	4457179	Phase 2	Soil Sample	0.98	0.36	0.2	2.5
J413893	688399	4457219	Phase 2	Soil Sample	1.52	0.36	null	2.5
J413894	688399	4457258	Phase 2	Soil Sample	5.50	10.55	0.4	1.6
J413895	688396	4457296	Phase 2	Soil Sample	0.81	1.15	null	2.2
J413896	688477	4457275	Phase 2	Soil Sample	0.66	0.81	0.3	2.2
J413897	688479	4457238	Phase 2	Soil Sample	4.14	5.53	0.5	1.7
J413898	688481	4457199	Phase 2	Soil Sample	2.70	0.22	0.4	1.2
J413899	688480	4457157	Phase 2	Soil Sample	1.76	1.24	0.6	2.0
J413901	688478	4457119	Phase 2	Soil Sample	1.20	0.68	0.3	6.1
J413902	688479	4457078	Phase 2	Soil Sample	0.49	0.23	null	3.1
J413903	688557	4457095	Phase 2	Soil Sample	0.79	0.48	0.4	2.6
J413904	688556	4457136	Phase 2	Soil Sample	0.88	0.39	1.3	1.8
J413905	688556	4457176	Phase 2	Soil Sample	1.28	0.25	null	2.2
J413906	688558	4457218	Phase 2	Soil Sample	0.74	1.84	null	1.6
J413907	688558	4457260	Phase 2	Soil Sample	0.95	1.02	0.6	3.4
J413908	688638	4457201	Phase 2	Soil Sample	0.94	0.66	0.2	1.8
J413909	688639	4457160	Phase 2	Soil Sample	1.03	0.50	0.3	2.2
J413911	688639	4457121	Phase 2	Soil Sample	2.72	2.98	0.4	2.0
J413912	688639	4457084	Phase 2	Soil Sample	0.85	1.06	0.4	1.8
J413913	688716	4457104	Phase 2	Soil Sample	3.31	5.88	2.4	3.6
J413914	688717	4457142	Phase 2	Soil Sample	0.77	0.81	0.3	2.0
J413915	688797	4456999	Phase 2	Soil Sample	0.91	0.81	0.5	1.9
J413916	688798	4457040	Phase 2	Soil Sample	1.63	1.24	1.1	3.7
J413917	688797	4457080	Phase 2	Soil Sample	44.70	18.70	3.0	3.2
J413918	688797	4457118	Phase 2	Soil Sample	1.96	0.73	0.7	1.7
J413919	688877	4457104	Phase 2	Soil Sample	0.44	0.10	0.3	2.6
J413921	688879	4457064	Phase 2	Soil Sample	0.76	0.30	0.6	1.6
J413922	688878	4457020	Phase 2	Soil Sample	1.03	0.48	0.7	3.1
J413923	688879	4456980	Phase 2	Soil Sample	0.59	0.45	0.2	2.7
J413924	688879	4456942	Phase 2	Soil Sample	0.57	0.34	0.2	2.3
J413925	688958	4456918	Phase 2	Soil Sample	0.70	0.95	0.5	2.5
J413926	688959	4456959	Phase 2	Soil Sample	0.50	1.22	0.6	1.2
J413927	688959	4456998	Phase 2	Soil Sample	0.51	1.22	0.7	1.9
J413928	688959	4457038	Phase 2	Soil Sample	0.42	0.58	0.6	1.3
J413929	688960	4457079	Phase 2	Soil Sample	0.56	0.25	null	2.5
J413931	689039	4457063	Phase 2	Soil Sample	0.43	0.55	null	1.4

J413932	689119	4457043	Phase 2	Soil Sample	0.71	0.54	0.2	2.1
J413933	689119	4457005	Phase 2	Soil Sample	0.26	0.53	null	1.7
J413934	689196	4457021	Phase 2	Soil Sample	0.77	0.47	0.6	4.3
J413935	689198	4456981	Phase 2	Soil Sample	0.79	0.55	0.4	4.4
J413936	689195	4456941	Phase 2	Soil Sample	1.38	2.66	0.7	2.5
J413937	689199	4456899	Phase 2	Soil Sample	1.82	2.61	0.8	2.3
J413938	689119	4456918	Phase 2	Soil Sample	7.03	1.08	1.6	8.1
J413939	689119	4456956	Phase 2	Soil Sample	3.19	4.13	2.1	4.3
J413941	689039	4457015	Phase 2	Soil Sample	1.02	0.52	0.5	4.3
J413942	689037	4456982	Phase 2	Soil Sample	3.49	2.24	0.8	5.3
J413943	689040	4456939	Phase 2	Soil Sample	2.83	2.45	0.4	1.9
J413944	689038	4456900	Phase 2	Soil Sample	1.34	0.76	0.7	4.9
J413186A	null	null	Phase 2	Soil Sample	0.74	0.55	0.3	2.7
J413186B	null	null	Phase 2	Soil Sample	null	null	null	null
J413271	683197	4456721	Phase 2	Soil Sample	0.9	0.47	0.5	3.6

Appendix C: JORC Code, 2012 Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Phase 2 soil/regolith program: 748 samples of weathered regolith were collected across the interpreted strike of the Sego Sandstone on nominal 80 m x 40 m spacing where possible, across three blocks. • A total of 748 Phase 2 samples were collected, increasing the total soil dataset to 848 samples across the project. • Samples were collected by hand-digging through surficial cover and taking the weathered regolith from the bottom of each hand-dug hole (i.e., the top of weathered bedrock), as the Phase 1 orientation work determined the soil profile is immature/transported and not a reliable uniform sampling medium across the project. • A RadiaCode 102 detector was placed at the base of each hole to record relative gamma readings. • All samples taken had their locations recording using a handheld gps. • Rock chip sampling was undertaken on exposed Sego Sandstone and associated carbonaceous units using handheld radiometric instruments to identify anomalous zones prior to sampling • All samples were sent for multi-element geochemical analysis at an independent certified laboratory.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• N/A. No drilling results are being reported in this release.
Drill sample recovery	• *Method of recording and*	• N/A. No drilling results are being reported in this release.

Criteria	JORC Code explanation	Commentary
	assessing core and chip sample recoveries and results assessed. • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• N/A. No drilling results are being reported in this release. • Field notes recorded sample medium, lithology where exposed, structural observations and qualitative descriptions. • Soil samples were logged as regolith/weathered bedrock material with notes on cover thickness where observed
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Soil and rock chip samples were collected as representative grab samples of the target material • Surface rock chip samples were collected to represent in situ material. • Samples were transported to ALS Geochemistry, Reno, Nevada for preparation and analysis • Preparation included crushing to 2 mm (70% passing), pulverising a 250 g aliquot to 75 microns, followed by aqua-regia digest and ICP-MS multi-element analysis. • The method is appropriate for reconnaissance-scale exploration and multi-element pathfinder analysis
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• QAQC procedures included insertion of certified reference materials, blanks and field duplicates at approximately 5% of total samples • ALS internal laboratory QAQC procedures were also applied. • Uranium values for rock chip samples are reported as U3O8 following application of a conversion factor of 1.1792 to uranium ppm assay values. • Soil results are reported in elemental ppm values for uranium and associated pathfinder elements. • The Phase 2 soil/regolith dataset includes a multi-element suite (trace + major elements) including: Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, U, V, W, Y, Zn, Zr plus rare earth elements (Er, Eu, Gd, Ho, Lu, Nd, Pr, Sm, Tb, Tm, Yb
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	• Sampling locations were recorded in field notebooks and digitally entered in the project database. • Assay data were received electronically from the laboratory and validated prior to interpretation. • No adjustments have been made to assay data other than disclosed oxide conversion for reporting of rock chip uranium as U3O8

Criteria	JORC Code explanation	Commentary
	• *Discuss any adjustment to assay data.*	
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Sample locations were recorded using a handheld Garmin 64s GPS system with an accuracy of +/- 3m • The grid system is UTM NAD83 Zone 12
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Phase 2 soil samples were collected on nominal 80 m x 40 m spacing where possible. • Spacing is appropriate for reconnaissance-scale anomaly definition and drill targeting but is not sufficient to establish grade continuity or support Mineral Resource estimation. • No sample compositing has been applied
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Sampling was designed to cover interpreted Sego Sandstone strike and associated structural corridors across Western, Central and Eastern Blocks. • Collection of regolith from the base of each hole reduces bias introduced by variable surface soil development
Sample security	• *The measures taken to ensure sample security.*	• Samples were inventoried and remained in custody of company personnel until sealed and dispatched to ALS Geochemistry for analysis.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Sampling and QAQC procedures are consistent with industry standard practices. • No external audits have been completed at this stage.

Section 2 Reporting of Exploration Results

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Skull Creek Uranium Project comprises federally administered mineral claims located in north-west Colorado, USA. • Pioneer Minerals holds a 100% interest in the claims, subject to applicable federal and state regulatory requirements.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• According to the records from the U.S. Securities and Exchange Commission, Energy Metals Corporation acquired the Skull Creek Project by locating 197 federal mineral claims and an additional 1,280 acres of State of Colorado leases in June of 2006. Based on the information provided, it is unlikely that Energy Metals Corporation completed any work on the property prior to signing an option agreement with Bluerock Resources Ltd • On August 14, 2006, Bluerock Resources Ltd. announced the signing of an option agreement with Energy Metals Corporation (EMC) to form a joint venture on the Skull Creek Project in northwest Colorado, USA to earn up to 75% interest in the project. • The joint venture explored the property for near surface uranium mineralisation amenable to open pit mining methods. A diamond drilling campaign was organized to establish confidence in the historical U3O8 resource as reported in a 1956 document prepared by the Geological Services of Moab Utah (McDougald and Mehl, 1956). The drilling program was designed to test for mineralisation in the lignite beds near surface and at depth at nine separate locations along the 12-mile (19km) strike of outcropping lignite beds. • By November 16, 2006, Bluerock had announced that there were two diamond coring rigs drilling on the project. A review of available press releases show that Bluerock reported partial results from three holes drilled below the Blueflame Adit and encountered low-grade uranium mineralisation in both the hanging wall and footwall sandstones of the coal seam to a maximum depth of 160.7 meters (press release from Jan 19, 2007 not available at the time of drafting of this document).
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Skull Creek Project is located within the upper cretaceous strata of the Mesa Verde Group at the southern edge of the Uinta Uplift. The Mesa Verde group is composed of cyclical transgressive and regressive sequences associated with the cretaceous interior seaway. The Skull Creek Project is located at the edge of the cretaceous interior seaway; therefore, sea level changes resulted in alternating terrigenous and marine deposits including eolian sands, coastal sand deposits, tidal flats, and shales/greywackes with Bouma sequences. The uranium mineralisation in the Skull Creek area is found within the Sego member (previously Iles member) which is broadly correlative to the upper Castlegate Sandstone formation (Painter et al 2013). • The Sego Sandstone in the Skull Creek area is comprised of sandstones, siltstones, and shales with as many as seven carbonaceous beds composed of lignite, coal, or black shale ranging from thin bedded (<0.5m) to as much as 2m thick. Of the seven carbonaceous beds only three have been previously identified as being prospective for uranium mineralization. Numbered from the bottom of the formation, beds (seams) 2, 3, and 5 are noted to contain anomalous uranium concentrations in the hundreds of parts-per-million (ppm) range while bed 2 may be in the thousands of ppm (McDougald 1956). • All information regarding mineralisation at the Skull Creek Project is taken from McDougald and Mehl (1956), which indicates that lignite beds act as reductants that captured uranium leached from overlying felsic volcanics from oxidized low-temperature waters. The mineralisation model presented in McDougald and Mehl (1956) is consistent with

Criteria	JORC Code explanation	Commentary
		the reported stratigraphic observations (e.g., lignite/coal beds), which are in turn supported by more recent work in the region (Painter et al 2013). The steeply inclined orientation of bedding along the flanks of the Skull Creek Dome, provided a hydraulic conduit for roll-front style waters through the formation (McDougald and Mehl, 1956; USGS mapping).
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• N/A No drilling results are reported in this release.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Assay results are reported as received by ALS for rock chip samples the Uranium ppm values were converted to U3O8 values and rounded to the nearest whole number. • Rock chip uranium values are reported as U3O8 following conversion from elemental uranium ppm. A conversion factor of 1.1792 was applied for the oxide conversion. • Soil results are reported as elemental values. • A composite uranium pathfinder ranking was calculated using percentile ranks of U, Mo, Se and U/Th. • The composite score is for targeting purposes only and does not represent grade or continuity.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• N/A No drilling results are reported in this release.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Pertinent maps for this stage of the Project are included in the release.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All material results pertaining to the collection of field samples at Skull Creek have been disclosed and are included in the announcement. • A full table of assay results are included in the announcement as appendix A and B. • Both moderate and high soil anomalies are considered in the interpretation with anything below this classification considered to represent background.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to):*	• All relevant and material historical exploration data related to the project area is discussed, have been reported or referenced.

Criteria	JORC Code explanation	Commentary
	geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• The Company intends to prepare and submit a Notice of Intent to Drill to the Bureau of Land Management to advance the project toward initial scout drilling.