



HIGH PRIORITY COPPER DRILL TARGETS DEFINED AT SANT TOLGOI

20 November 2024

Xanadu Mines Ltd (ASX: XAM, TSX: XAM) (Xanadu or the **Company**) is pleased to announce strong surface copper assay results from its Sant Tolgoi Project located in Zavkhan Province of Western Mongolia (**Figures 1 and 2**). Geological mapping, surface rock-chip sampling and geophysics have confirmed the preference of several large anomalies associated with outcropping mafic intrusions. The objective of the multi-discipline exploration programme is to collect the data required to identify drill targets within the large Sant Tolgoi Intrusive Complex. Four targets have been identified and a total of 3000m of reconnaissance drilling has been planned to test all targets for high-grade massive sulphide copper and nickel.

Highlights

- Reconnaissance rock-chip samples collected at the Sant Tolgoi project have returned high-grade results of up to **2.1% Cu from multiple gossan outcrops**
- Detailed mapping, geophysics and geochemistry defines at least **4 high-priority drill targets over a 4-kilometre-long splay** off the Khangai Fault System
- Follow-up drilling to commence in Q2 2025

Xanadu's VP Exploration, Dr Andrew Stewart, said:

"We are very excited about the latest results from the Sant Tolgoi exploration program which was designed to collect data required to identify drill targets. Our exploration strategy at Sant Tolgoi focuses on outcropping mafic intrusions where anomalous assay results and detailed geophysics has defined four targets within 100-metres of surface."

"This project represents an exciting greenfields opportunity, and is potentially a new Magmatic Cu and possibly Ni-PGE District in an under-explored mineral province of Western Mongolia. These latest results validate and refine our exploration models providing our exploration team with a clear direction towards a significant discovery at Sant Tolgoi. Follow up drilling is planned for the first half of 2025."



Figure 1: The Sant Tolgoi located in the Zavkhan Province of Western Mongolia.

High-Priority Targets Identified

Four key targets have been identified, based firstly on favourable geology and co-incident strong geochemistry, supported by the geophysical properties indicative of mineral deposits.

Geochemistry defined four distinct copper targets at surface. **Target 1** consists of outcropping copper oxides (Malachite and Azurite) up to 1% copper in assays with mineralisation associated with coarse grained gabbro stock covering a 500m x 300m area. This area sits within a fault jog on a splay off the Khangai Fault System, where dilation could have created space for mineralised intrusions. Magnetics show a strong remanent magnetic feature in 3D suggesting the target consists of an intrusive rock, or rock that has been altered or mineralised by hydrothermal fluids. Gravity data shows a strong density contrast with surrounding rocks, indicative of a denser, potentially mineralised intrusive. A Dipole-Dipole Induced Polarisation (DDIP) line that crossed the target shows a relatively strong 20mV/V IP chargeability anomaly directly below the geochemistry, indicative of disseminated sulphides in a mineralised intrusive. Controlled source audio-frequency magnetotellurics (CSAMT) data also shows a conductive zone associated with the center of this Induced Polarisation (IP) Chargeability anomaly, potentially massive sulphide, surrounded by a resistive halo.

Target 2 is outcropping copper (up to 2.1% Cu) mineralisation associated with coarse grained gabbro sill like body along the structure and covering a 300m x 50m area. Magnetics show a moderate remanent magnetic feature in 3D suggesting the target consists of an intrusive rock, or rock that has been altered or mineralised. Gravity data shows a strong density contrast with surrounding rocks, indicative of a denser, potentially mineralised intrusive. A DDIP line that crossed the target shows a moderate 17mV/V IP chargeability anomaly directly below the geochemistry, indicative of disseminated sulphides. CSAMT data also shows a conductive zone, potentially massive sulphide in an intrusive.

Target 3 is a blind geophysical target under the cover. Target has high density and moderate magnetic features similar with targets have outcropping copper mineralization. The size of anomaly is 300m x 200m.

Target 4 is a blind geophysical target. Target has high density and moderate magnetic features similar with targets have outcropping copper mineralisation. The size of anomaly is 400m x 300m.

Geochemistry Sampling Results

The Sant Tolgoi surface sampling programme consisted of 519 surface rock-chip samples. Sampling was conducted over a 3km by 1km area (Field Area, **Figure 2**) covering two clusters of prospective rocks adjacent to the regional scale Khangai Fault System, interpreted to be channelling mineralisation in the area. Each sample consisted of numerous golf ball sized chips taken from a 2m-by-2m area. These samples identified outcropping copper mineralisation associated with coarse grained (1cm to 2cm grain size) gabbro dykes and stocks (**Figures 2 and 3**). Results confirm four distinct targets sitting in a 4-kilometre-long splay off the Khangai Fault System with elevated grade of copper up to 2.1% Cu and with association of <4g/t Ag; and <0.06% Ni at surface (**Figure 3**).

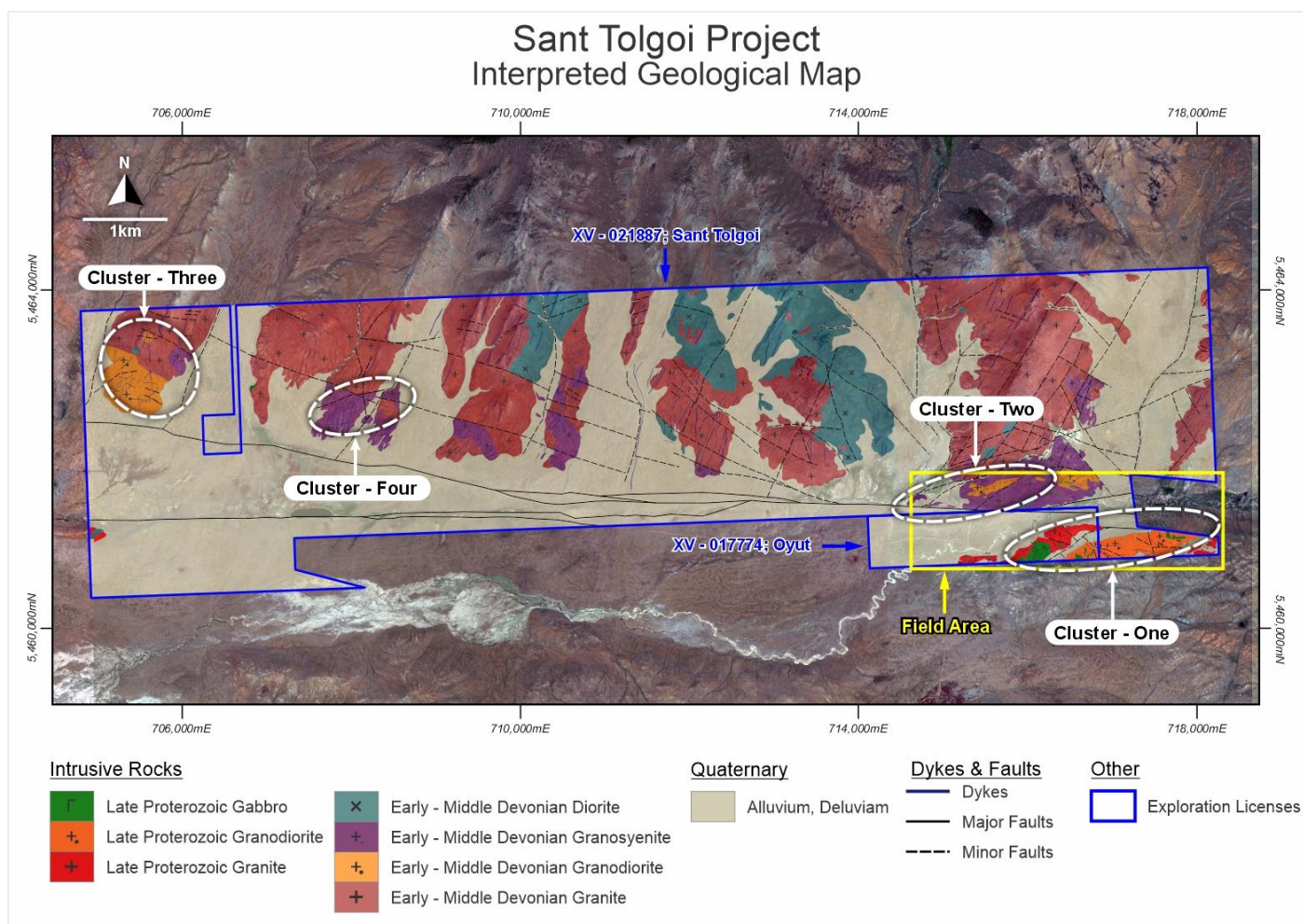


Figure 2: Interpreted Geology Sant Tolgoi and Field Area Highlighted.

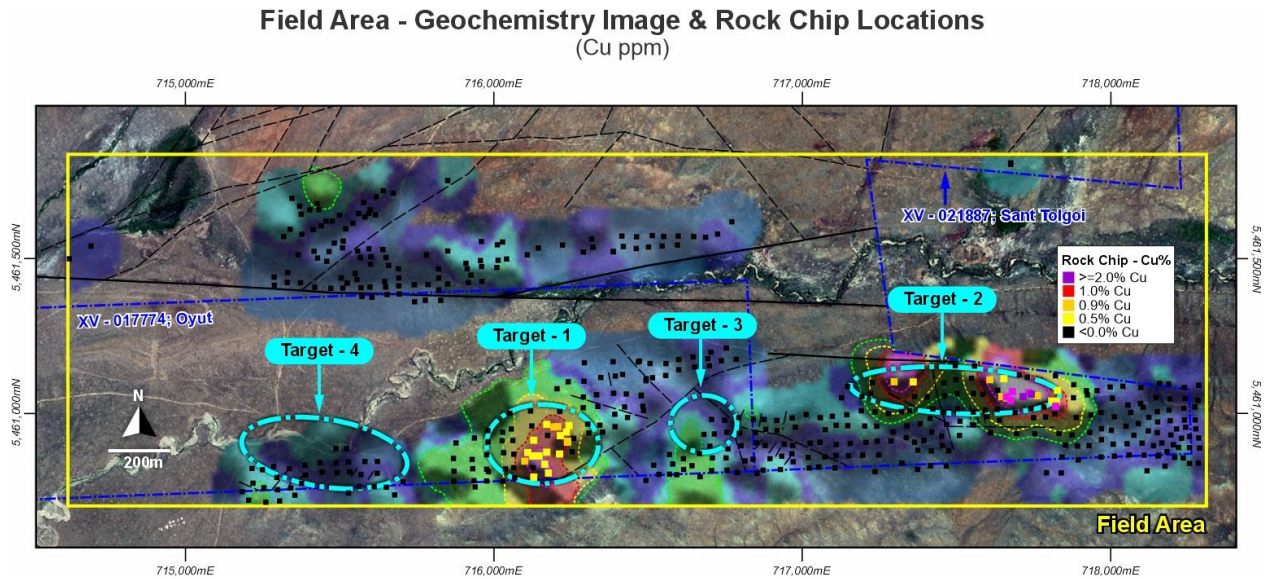


Figure 3: Field Area Copper rock-chip results.

Geophysical Programme

Four geophysical properties have been measured to support drill targeting of surface geological and geochemical data. Magnetic data has been acquired to help identify and separate different rock types at depth. Gravity data has been acquired to potentially map denser intrusive bodies. CSAMT has been acquired to map conductivity which may correlate with linked sulphides (massive and veined) or structures containing water/conductive geological units. Dipole-Dipole Induced Polarisation data has been collected to identify disseminated sulphides (**Figures 4 and 5**).

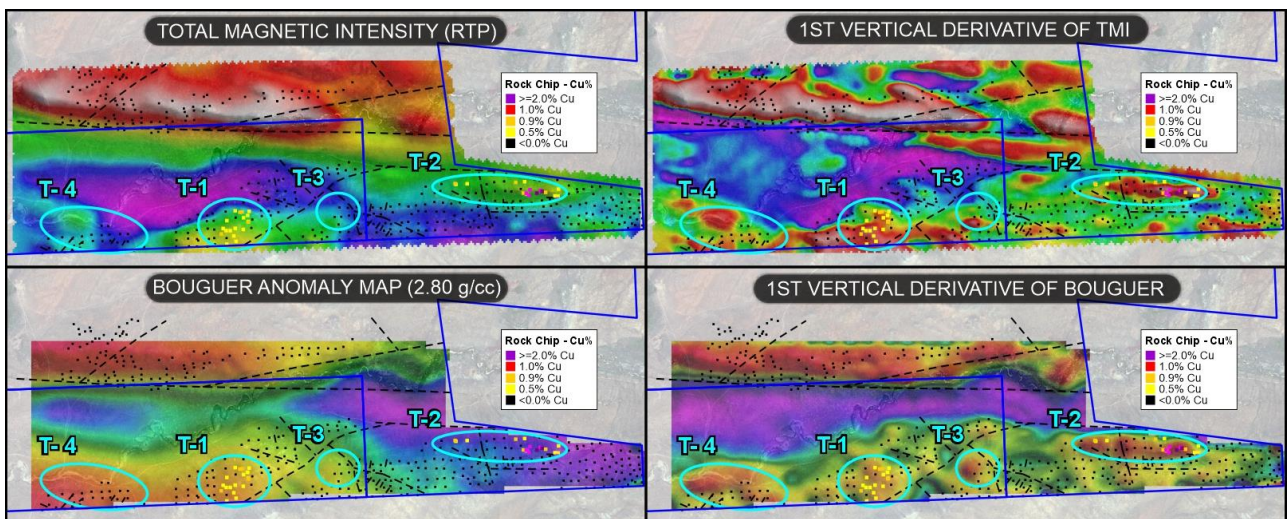


Figure 4: Magnetic and Gravity Data. Top two panels show magnetic data, bottom two panels show gravity data.

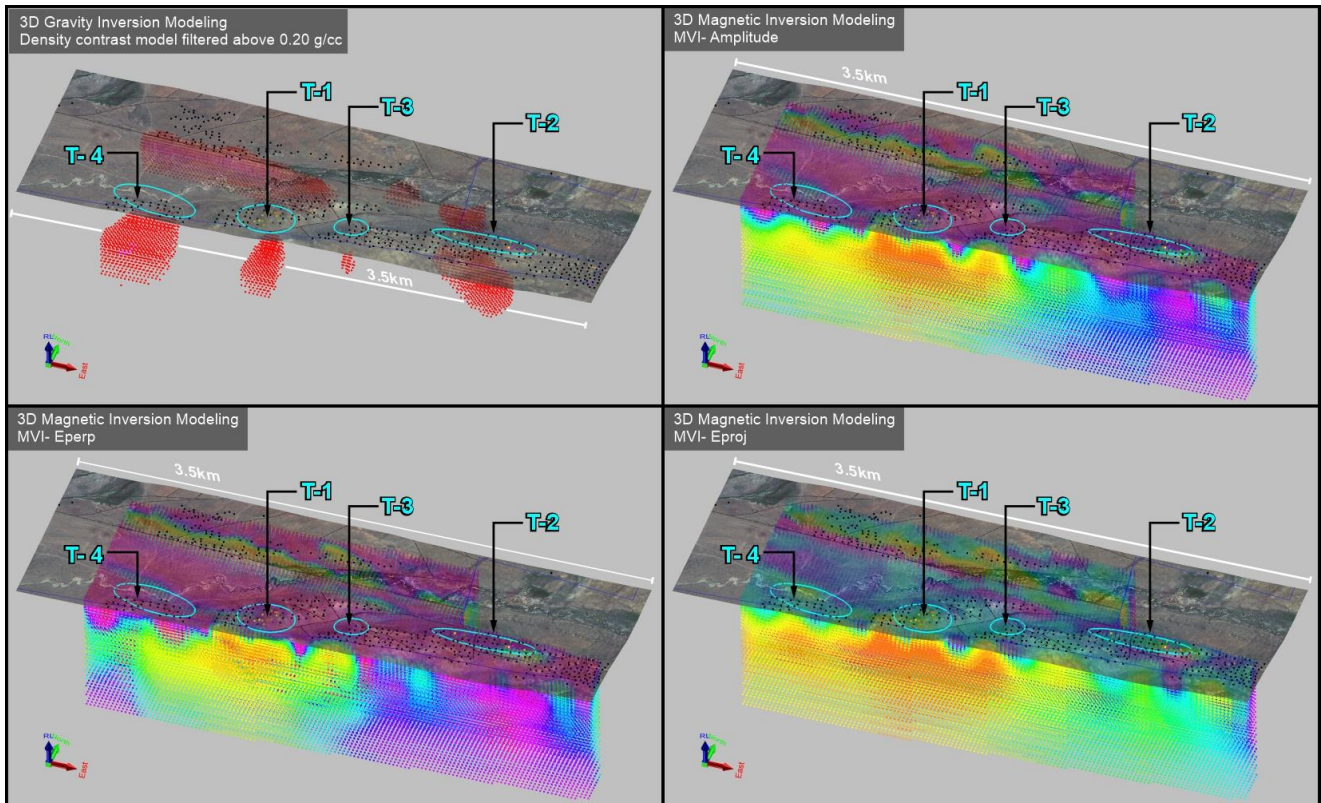


Figure 5: Magnetic Inversions. See text for descriptions.

A total of 53-line kilometres of drone-based magnetics has been completed across the target area (**Figure 4**). This data has been inverted in 3D and processed to separate out the three component magnetic vector data. Amplitude data from the three components maps the true location of the magnetic susceptibility feature. The E-perpendicular component maps the remanent magnetic changes which occur after the host rock was formed. Processes like intrusives, alteration or mineralisation. The E-Projected component maps the background geology.

A total 530 stations of ground gravity survey completed over potential prospects of Sant Tolgoi Project. A moderate to high dense domains mapped the distribution of mineralized gabbro stocks or sills (**Figure 4**).

A total of 9 lines or 150 stations of CSAMT was completed over potential prospects of Sant Tolgoi Project. A low resistivity (conductive) feature maps the gabbro stocks or sills in depth (**Figure 5**).

A total 4-line kilometres Dipole-Dipole Induced Polarisation survey completed over potential prospects of Sant Tolgoi Project. High chargeable and low resistivity features endorsing the above geophysics results in depth, where defined gabbro stock or sills (**Figure 5**).

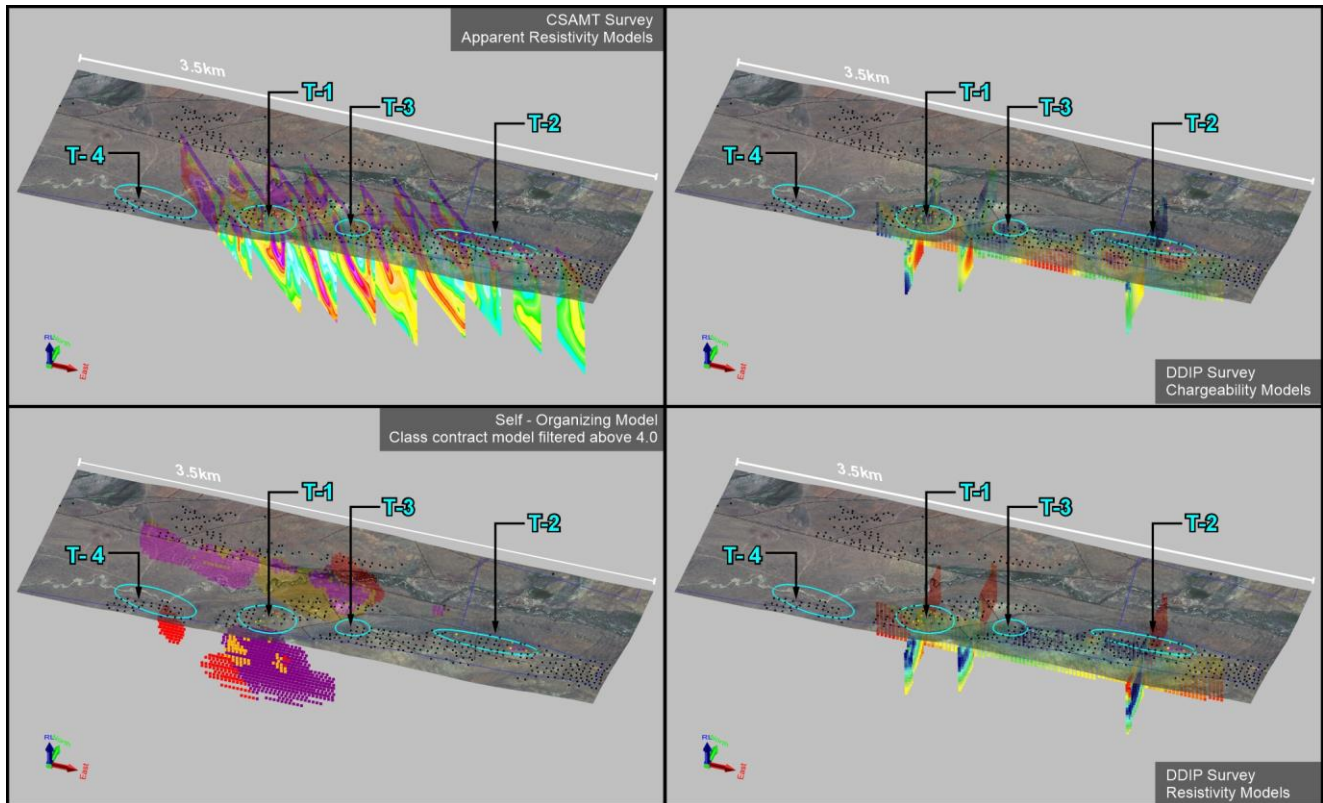


Figure 5: CSAMT and IP inverted Data as lines.

Geology and Mineralisation

Mineralisation at Sant Tolgoi consists of copper oxides hosted within coarse grained gabbro. Copper is expressed as secondary, remobilised by weathering in fractures and as staining. This is interpreted to have been remobilised from primary disseminated and massive sulphides below the weathering profile. Figures 6 and 7 show polished slab photographs of the coarse-grained hornblende gabbro.



Figure 6: Sample 140866: Coarse-grained, malachite-azurite stained hornblende gabbro.
Sample returned an assay of 0.63% Cu.

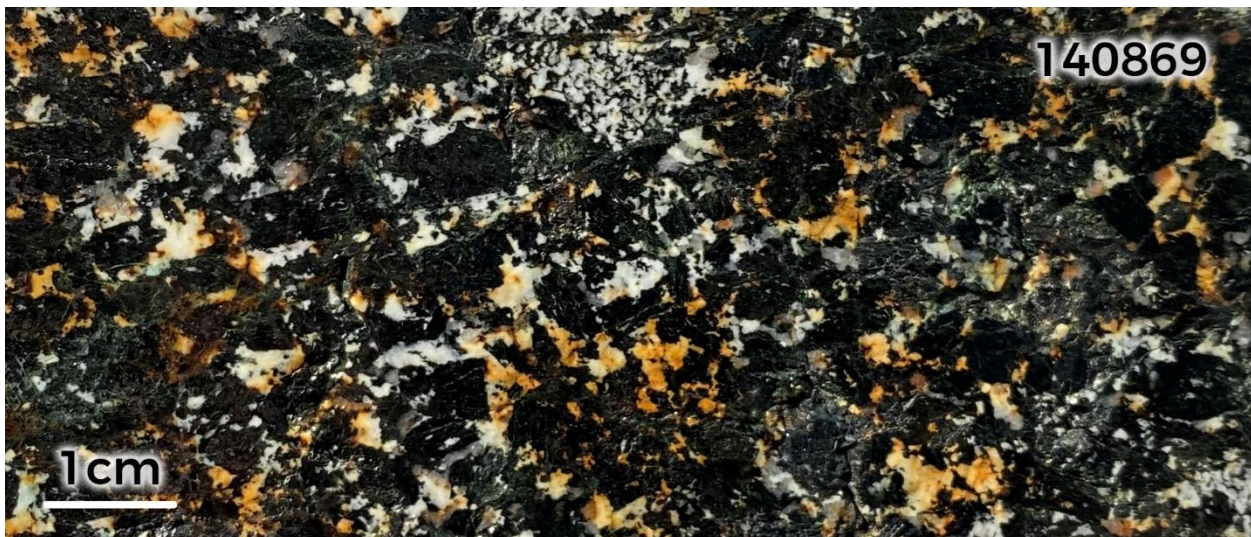


Figure 7: Sample 140869: Coarse-grained, malachite-azurite-stained hornblende gabbro.
The sample returned an assay of 0.76% Cu.

About Sant Tolgoi

The Sant Tolgoi Project covers two Exploration Licences, XV-17774 (Oyut) and XV-21887 (Sant Tolgoi) in the Zavchan Province of Western Mongolia with a combined area of over 40km² (**Figure 2**), collectively referred to as the Sant Tolgoi Project or Sant Tolgoi Copper Project. The Tenement portfolio includes numerous advanced exploration targets with real prospectivity for the discovery of significant magmatic copper and nickel mineralisation. In the Zavchan Region of Mongolia, the Sant Tolgoi Project lies on the western extension to the of the deep seated Khangai Fault systems, a metalliferous fault network which hosts several significant mafic and ultramafic intrusions that are highly encouraging for intrusion hosted copper and nickel discoveries. Early signs of several copper-nickel systems have been encountered in both historical drilling.

Statements and Disclaimers

Competent Person Statement

The information in this announcement that relates to exploration results is based on information compiled by Dr Andrew Stewart, who is responsible for the exploration data, comments on exploration target sizes, QA/QC and geological interpretation and information. Dr Stewart, who is an employee of Xanadu and is a Member of the Australasian Institute of Geoscientists, has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as the Competent Person as defined in the 2012 Edition of the *Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves* and the *National Instrument 43-101*. Dr Stewart consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Forward-Looking Statements

Certain statements contained in this Announcement, including information as to the future financial or operating performance of Xanadu and its projects may also include statements which are 'forward-looking statements' that may include, amongst other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions. These 'forward-looking statements' are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Xanadu, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies and involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

Xanadu disclaims any intent or obligation to update publicly or release any revisions to any forward-looking statements, whether as a result of new information, future events, circumstances or results or otherwise after the date of this Announcement or to reflect the occurrence of unanticipated events, other than required by the *Corporations Act 2001* (Cth) and the Listing Rules of the Australian Securities Exchange (**ASX**) and Toronto Stock Exchange (**TSX**). The words 'believe', 'expect', 'anticipate', 'indicate', 'contemplate', 'target', 'plan', 'intends', 'continue', 'budget', 'estimate', 'may', 'will', 'schedule' and similar expressions identify forward-looking statements.

All 'forward-looking statements' made in this Announcement are qualified by the foregoing cautionary statements. Investors are cautioned that 'forward-looking statements' are not guarantee of future performance and accordingly investors are cautioned not to put undue reliance on 'forward-looking statements' due to the inherent uncertainty therein.

About Xanadu Mines

Xanadu is an ASX and TSX listed Exploration company operating in Mongolia. We give investors exposure to globally significant, large-scale copper-gold discoveries and low-cost inventory growth. Xanadu maintains a portfolio of exploration projects and remains one of the few junior explorers on the ASX or TSX who jointly control a globally significant copper-gold deposit in our flagship Kharmagtai project. Xanadu holds 50-50 JV share with Zijin Mining Group in Khuiten Metals Pte Ltd, which controls 76.5% of the Kharmagtai project.

For further information on Xanadu, please visit: **www.xanadumines.com** or contact:

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This Announcement was authorised for release by Xanadu's Executive Chair & Managing Director.

APPENDIX 1: Rock Chip Assay Results

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140917	Target-2	717742	5461063	1856	Gabbro	2.190	0.037	3.200	363.00
140920	Target-2	717715	5461054	1857	Pegmatite	2.030	0.017	0.800	115.00
140874	Target-2	717821	5461024	1862	Gabbro	1.645	0.044	2.900	423.00
140327	Target-2	717733	5461067	1854	Gabbro	1.525	0.023	1.300	153.00
140320	Target-2	717680	5461071	1854	Gabbro	1.110	0.046	4.000	637.00
140915	Target-2	717661	5461053	1858	Gabbro	1.050	0.028	3.200	546.00
140872	Target-2	717675	5461041	1858	Gabbro	1.005	0.006	0.250	116.00
140665	Target-2	717608	5461109	1844	Pegmatite	0.857	0.008	0.600	120.00
140873	Target-2	717647	5461054	1854	Gabbro	0.818	0.038	2.900	561.00
140443	Target-1	716207	5460958	1815	Gabbro	0.759	0.026	0.500	411.00
140869	Target-1	716195	5460956	1815	Gabbro	0.756	0.030	0.600	401.00
140328	Target-2	717761	5461057	1856	Gabbro	0.683	0.021	2.300	548.00
140866	Target-1	716100	5460845	1813	Gabbro	0.634	0.031	1.900	375.00
140868	Target-1	716239	5460907	1816	Gabbro	0.625	0.022	0.250	374.00
140380	Target-2	717297	5461102	1823	Granodiorite	0.539	0.003	0.250	154.00
140916	Target-2	717662	5461050	1858	Quartz vein	0.539	0.007	0.700	70.00
140482	Target-1	716125	5460862	1814	Gabbro	0.491	0.019	0.700	294.00
140481	Target-1	716129	5460913	1812	Gabbro	0.436	0.022	0.700	297.00
140500	Target-2	717653	5461112	1848	Gabbro	0.435	0.009	0.250	116.00
140871	Target-2	717301	5461098	1828	Gabbrodiorite	0.411	0.003	0.250	109.00
140442	Target-1	716214	5460928	1816	Gabbro	0.410	0.023	0.500	287.00
140485	Target-1	716165	5460836	1812	Gabbro	0.373	0.019	0.500	288.00
140865	Target-1	716146	5460862	1813	Gabbro	0.369	0.016	0.500	353.00
140440	Target-1	716171	5460964	1811	Gabbro	0.332	0.017	0.250	307.00
140918	Target-2	717808	5461040	1862	Gabbro	0.314	0.017	0.600	95.00
140449	Target-1	716177	5460808	1809	Gabbro	0.300	0.016	0.250	300.00
140293	Target-2	717359	5461102	1828	Granodiorite	0.293	0.003	0.250	27.00
140906	Target-1	716238	5460909	1816	Gabbro	0.279	0.021	0.250	321.00
140446	Target-1	716171	5460874	1815	Gabbro	0.278	0.014	0.500	348.00
140448	Target-1	716129	5460794	1810	Gabbro	0.230	0.015	0.250	259.00
140284	Target-2	717827	5461074	1860	Gabbro	0.209	0.016	0.700	271.00
140441	Target-1	716213	5460869	1813	Gabbro	0.137	0.014	0.250	248.00
140870	Target-1	716235	5460940	1816	Gabbro	0.125	0.010	0.250	223.00
140867	Target-1	716110	5460874	1813	Diorite	0.119	0.003	0.250	64.00
140542	Target-1	716243	5460961	1816	Gabbro	0.112	0.008	0.250	193.00
140286	Target-2	717824	5461039	1862	Diorite	0.107	0.019	0.800	62.00
140479	Target-1	716119	5461008	1803	Gabbro	0.093	0.007	0.250	189.00
140444	Target-1	716213	5461006	1808	Gabbro	0.069	0.006	0.250	168.00
140447	Target-1	716127	5460824	1812	Rhyolite	0.067	0.005	0.250	82.00
140480	Target-1	716123	5460960	1810	Gabbro	0.060	0.013	0.250	163.00
140319	Target-2	717633	5461075	1852	Granodiorite	0.054	0.006	0.250	47.00
140666	Target-2	717495	5461155	1826	Granite	0.049	0.003	0.250	52.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140471	Target-1	716037	5460820	1812	Gabbro	0.041	0.005	0.250	136.00
140473	Target-1	716068	5460792	1809	Gabbro	0.034	0.003	0.250	134.00
140478	Target-1	716056	5460950	1809	Gabbro	0.034	0.003	0.250	129.00
140476	Target-1	716064	5460868	1812	Rhyolite	0.032	0.003	0.250	43.00
140453		715871	5460814	1797	Gabbro	0.030	0.007	0.250	166.00
140462		715976	5460782	1809	Gabbro	0.027	0.008	0.250	145.00
140469	Target-1	716026	5460911	1809	Gabbro	0.027	0.003	0.250	147.00
140451	Target-1	716174	5460929	1815	Rhyolite	0.024	0.003	0.250	2.00
140459		715931	5460821	1806	Diorite	0.023	0.003	0.250	172.00
140467	Target-1	716051	5461001	1796	Rhyolite	0.020	0.003	0.250	50.00
140461		715939	5460762	1805	Gabbro	0.019	0.003	0.250	103.00
140475	Target-1	716064	5460824	1812	Rhyolite	0.017	0.003	0.250	50.00
140458		715929	5460851	1804	Gabbro	0.015	0.005	0.250	70.00
140472		716029	5460780	1809	Gabbro	0.015	0.003	0.250	149.00
140312	Target-2	717548	5461114	1830	Granodiorite	0.014	0.003	0.250	28.00
140464	Target-1	715976	5460867	1805	Diorite	0.013	0.006	0.250	40.00
140941		715485	5462269	1858	Granite	0.013	0.003	0.250	4.00
140460		715935	5460782	1806	Gabbro	0.012	0.005	0.250	88.00
140875		706822	5462843	1739	Gabbro	0.012	0.003	0.250	81.00
140543	Target-1	716259	5460919	1816	Diorite	0.011	0.003	0.250	111.00
140685		716592	5460802	1847	Gabbro	0.011	0.003	0.250	160.00
140398		716668	5460795	1851	Gabbro	0.010	0.005	0.250	85.00
140497	Target-2	717497	5461109	1830	Granite	0.010	0.003	0.250	20.00
140470	Target-1	716031	5460873	1811	Rhyolite	0.009	0.006	0.250	13.00
140483		716615	5460819	1850	Gabbro	0.009	0.005	0.250	90.00
140437		716841	5460981	1839	Granodiorite	0.008	0.005	0.250	35.00
140499	Target-2	717703	5461124	1841	Diorite	0.008	0.003	0.250	86.00
140560		716392	5460998	1819	Gabbrodiorite	0.008	0.003	0.250	89.00
140707		715339	5461596	1809	Granodiorite	0.008	0.003	0.250	0.50
140709		715427	5461678	1814	Granodiorite	0.008	0.003	0.250	16.00
140853		714335	5462373	1818	Gabbro	0.008	0.003	0.250	18.00
140912		705429	5463310	1791	Gabbro	0.008	0.003	0.250	105.00
140296		717414	5460984	1854	Granite	0.007	0.003	0.250	68.00
140400	Target-3	716680	5460932	1829	Gabbro	0.007	0.005	0.250	95.00
140406		716708	5460856	1845	Gabbro	0.007	0.003	0.250	119.00
140484		716614	5460854	1846	Gabbro	0.007	0.006	0.250	54.00
140521		716041	5461500	1798	Gabbrodiorite	0.007	0.003	0.250	0.50
140628		715925	5461447	1799	Gabbro	0.007	0.003	0.250	0.50
140668		715219	5460774	1781	Pegmatite	0.007	0.003	0.250	100.00
140919		717924	5461060	1859	Gabbro	0.007	0.003	0.250	148.00
140309		717509	5460929	1857	Gabbrodiorite	0.006	0.007	0.250	46.00
140321	Target-2	717689	5461004	1859	Diorite	0.006	0.003	0.250	17.00
140337		716933	5460862	1854	Granite	0.006	0.005	0.250	23.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140338		716929	5460818	1855	Granodiorite	0.006	0.003	0.250	13.00
140395		715255	5460760	1790	Gabbro	0.006	0.003	0.250	206.00
140410	Target-3	716758	5460885	1844	Gabbrodiorite	0.006	0.008	0.250	98.00
140498	Target-2	717558	5461153	1825	Rhyolite	0.006	0.003	0.250	13.00
140570		715261	5460713	1789	Diorite	0.006	0.003	0.250	204.00
140626		715909	5461486	1803	Gabbrodiorite	0.006	0.003	0.250	0.50
140325		717749	5460986	1862	Granodiorite	0.005	0.003	0.250	11.00
140342		716917	5460977	1849	Granodiorite	0.005	0.003	0.250	24.00
140407		716705	5460815	1848	Gabbro	0.005	0.003	0.250	89.00
140486		716840	5460852	1849	Granite	0.005	0.003	0.250	12.00
140523		716013	5461496	1799	Gabbrodiorite	0.005	0.003	0.250	0.50
140524		716010	5461472	1797	Gabbro	0.005	0.003	0.250	0.50
140571		715205	5460719	1786	Diorite	0.005	0.003	0.250	90.00
140587		718194	5460930	1876	Granite	0.005	0.003	0.250	13.00
140617		715558	5461525	1810	Granosyenite	0.005	0.003	0.250	2.00
140623		715960	5461475	1802	Gabbrodiorite	0.005	0.003	0.250	56.00
140663		718237	5461084	1858	Granite	0.005	0.003	0.250	20.00
140688		715642	5461720	1821	Granosyenite	0.005	0.003	0.250	1.00
140710		715432	5461660	1815	Granodiorite	0.005	0.003	0.250	50.00
140852		714166	5462192	1810	Gabbro	0.005	0.003	0.250	75.00
140855		714726	5463460	1827	Gabbro	0.005	0.003	0.250	0.50
140275		718182	5460876	1881	Gabbro	0.004	0.009	0.250	184.00
140322		717694	5460936	1857	Rhyolite	0.004	0.003	0.250	3.00
140366		717202	5460960	1853	Granodiorite	0.004	0.003	0.250	53.00
140377		717287	5460911	1862	Diorite	0.004	0.003	0.250	31.00
140387		715355	5460736	1792	Diorite	0.004	0.007	0.250	18.00
140392		715299	5460753	1791	Granite	0.004	0.003	0.250	17.00
140413	Target-3	716794	5460986	1833	Granodiorite	0.004	0.003	0.250	38.00
140417	Target-4	715488	5460887	1779	Rhyolite	0.004	0.003	0.250	24.00
140421	Target-4	715611	5460763	1786	Diorite	0.004	0.003	0.250	25.00
140422	Target-4	715621	5460807	1786	Diorite	0.004	0.003	0.250	32.00
140429	Target-4	715529	5460843	1784	Diorite	0.004	0.003	0.250	27.00
140465	Target-1	715981	5460909	1801	Diorite	0.004	0.003	0.250	77.00
140466	Target-1	715980	5460944	1796	Granite	0.004	0.003	0.250	23.00
140468	Target-1	716028	5460940	1806	Diorite	0.004	0.003	0.250	3.00
140477	Target-1	716061	5460913	1810	Diorite	0.004	0.003	0.250	38.00
140496	Target-2	717458	5461099	1834	Diorite	0.004	0.003	0.250	76.00
140529		716580	5460836	1843	Granodiorite	0.004	0.003	0.250	61.00
140544	Target-1	716254	5460876	1813	Rhyolite	0.004	0.003	0.250	2.00
140562		716433	5460987	1819	Diorite	0.004	0.003	0.250	21.00
140576		718255	5460889	1879	Diorite	0.004	0.003	0.250	20.00
140589		718239	5460979	1872	Granite	0.004	0.003	0.250	11.00
140595		717817	5460998	1863	Granodiorite	0.004	0.003	0.250	21.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140662		718158	5461097	1852	Diorite	0.004	0.003	0.250	52.00
140669		715215	5460822	1780	Granite	0.004	0.003	0.250	19.00
140686		717675	5461806	1812	Granosyenite	0.004	0.003	0.250	25.00
140856		714725	5463456	1827	Diorite	0.004	0.003	0.250	42.00
140864		715982	5460812	1810	Granite	0.004	0.003	0.250	9.00
140903		718040	5463268	1849	Diorite	0.004	0.003	0.250	75.00
140909		713111	5463559	1923	Gabbro	0.004	0.003	0.250	23.00
140944		711993	5463835	1900	Gabbro	0.004	0.003	0.250	12.00
140244		717874	5460930	1859	Diorite	0.003	0.003	0.250	22.00
140248		717921	5461074	1856	Diorite	0.003	0.003	0.250	79.00
140257		718055	5461027	1857	Diorite	0.003	0.003	0.250	24.00
140261		718059	5460866	1882	Granite	0.003	0.003	0.250	25.00
140266		718123	5460988	1866	Diorite	0.003	0.003	0.250	24.00
140276		718202	5460899	1878	Quartz vein	0.003	0.005	0.250	101.00
140291	Target-2	717348	5461009	1851	Diorite	0.003	0.003	0.250	35.00
140292	Target-2	717363	5461055	1835	Granodiorite	0.003	0.003	0.250	40.00
140305	Target-2	717460	5461056	1841	Diorite	0.003	0.006	0.250	14.00
140310	Target-2	717553	5461004	1853	Diorite	0.003	0.003	0.250	26.00
140315	Target-2	717593	5461012	1855	Granodiorite	0.003	0.003	0.250	14.00
140316	Target-2	717599	5460989	1855	Diorite	0.003	0.003	0.250	23.00
140317		717639	5460978	1857	Diorite	0.003	0.003	0.250	24.00
140318	Target-2	717631	5461013	1857	Granodiorite	0.003	0.003	0.250	13.00
140323	Target-2	717741	5461016	1862	Granodiorite	0.003	0.003	0.250	11.00
140329	Target-2	717782	5461021	1864	Granodiorite	0.003	0.003	0.250	5.00
140339		716873	5460816	1850	Gabbro	0.003	0.003	0.250	16.00
140343		716967	5460986	1851	Granodiorite	0.003	0.003	0.250	33.00
140347		717025	5460903	1855	Granodiorite	0.003	0.003	0.250	40.00
140348		717012	5460997	1842	Granodiorite	0.003	0.003	0.250	44.00
140350		717074	5460947	1854	Granodiorite	0.003	0.003	0.250	48.00
140355		717109	5460864	1861	Diorite	0.003	0.003	0.250	28.00
140357		717109	5460962	1854	Diorite	0.003	0.003	0.250	24.00
140358		717097	5460991	1848	Diorite	0.003	0.003	0.250	28.00
140360		717144	5460996	1851	Granodiorite	0.003	0.003	0.250	42.00
140363		717149	5460863	1862	Diorite	0.003	0.003	0.250	27.00
140365		717206	5460906	1859	Granodiorite	0.003	0.006	0.250	42.00
140367		717191	5461009	1848	Granodiorite	0.003	0.003	0.250	43.00
140369	Target-2	717227	5461100	1821	Granodiorite	0.003	0.003	0.250	15.00
140372		717241	5460959	1854	Granodiorite	0.003	0.003	0.250	43.00
140379		717278	5461000	1852	Granodiorite	0.003	0.005	0.250	40.00
140381	Target-2	717321	5461007	1851	Granodiorite	0.003	0.003	0.250	44.00
140384	Target-4	715387	5460833	1783	Rhyolite	0.003	0.003	0.250	19.00
140386	Target-4	715377	5460775	1791	Granite	0.003	0.003	0.250	10.00
140391		715296	5460793	1793	Granite	0.003	0.003	0.250	54.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140401		716645	5461182	1811	Gabbro	0.003	0.005	0.250	24.00
140402		716693	5461177	1810	Granodiorite	0.003	0.003	0.250	24.00
140409		716752	5460856	1847	Rhyolite	0.003	0.003	0.250	37.00
140419		715678	5460736	1785	Diorite	0.003	0.003	0.250	23.00
140420		715652	5460761	1787	Diorite	0.003	0.003	0.250	26.00
140463		715976	5460820	1810	Granite	0.003	0.003	0.250	16.00
140490		716686	5461570	1794	Diorite	0.003	0.003	0.250	36.00
140495	Target-2	717404	5461053	1837	Diorite	0.003	0.003	0.250	32.00
140515		716316	5461564	1800	Diorite	0.003	0.003	0.250	0.50
140520		716028	5461555	1803	Granodiorite	0.003	0.003	0.250	5.00
140533		716493	5461106	1820	Gabbro	0.003	0.003	0.250	33.00
140541		716241	5461103	1804	Diorite	0.003	0.003	0.250	30.00
140548		716290	5461054	1812	Rhyolite	0.003	0.003	0.250	15.00
140549		716291	5461105	1807	Gabbro	0.003	0.003	0.250	30.00
140552		716353	5460940	1817	Andesite	0.003	0.003	0.250	48.00
140561		716393	5460957	1816	Gabbrodiorite	0.003	0.006	0.250	24.00
140581		718254	5460838	1882	Granite	0.003	0.003	0.250	25.00
140583		718175	5460829	1882	Diorite	0.003	0.003	0.250	24.00
140584		718117	5460814	1885	Diorite	0.003	0.003	0.250	34.00
140596		717839	5460807	1859	Gabbrodiorite	0.003	0.003	0.250	133.00
140599		717555	5460963	1857	Rhyolite	0.003	0.003	0.250	7.00
140605		715365	5461513	1805	Granosyenite	0.003	0.003	0.250	0.50
140624		715956	5461495	1802	Gabbrodiorite	0.003	0.003	0.250	0.50
140627		715913	5461468	1802	Diorite	0.003	0.003	0.250	48.00
140631		715850	5461525	1804	Gabbro	0.003	0.003	0.250	6.00
140656		715594	5461533	1812	Granosyenite	0.003	0.003	0.250	49.00
140684		716642	5460831	1846	Gabbro	0.003	0.003	0.250	67.00
140702		715499	5461641	1818	Granodiorite	0.003	0.003	0.250	75.00
140715		715345	5461696	1810	Granodiorite	0.003	0.003	0.250	8.00
140854		714009	5462910	1849	Gabbro	0.003	0.003	0.250	10.00
140858		715811	5462028	1814	Gabbro	0.003	0.003	0.250	21.00
140901		715724	5462333	1842	Gabbro	0.003	0.003	0.250	19.00
140910		716387	5461523	1797	Gabbro	0.003	0.003	0.250	25.00
140913		710231	5463452	1894	Gabbro	0.003	0.003	0.250	16.00
140914		713780	5462057	1812	Gabbro	0.003	0.003	0.250	27.00
140924		716523	5463605	1880	Granosyenite	0.003	0.003	0.250	0.50
140943		713031	5463591	1928	Granosyenite	0.003	0.003	0.250	38.00
140235		718097	5461084	1852	Granodiorite	0.002	0.003	0.250	11.00
140251		718011	5460861	1876	Granite	0.002	0.003	0.250	16.00
140253		718005	5461049	1855	Granodiorite	0.002	0.003	0.250	23.00
140264		718101	5460904	1880	Granodiorite	0.002	0.003	0.250	15.00
140277		718213	5460950	1876	Diorite	0.002	0.003	0.250	17.00
140278		718188	5461010	1870	Granite	0.002	0.003	0.250	14.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140283		718235	5460856	1881	Granite	0.002	0.003	0.250	16.00
140285		717820	5461122	1855	Granodiorite	0.002	0.003	0.250	14.00
140295	Target-2	717423	5461015	1846	Granodiorite	0.002	0.003	0.250	8.00
140297		717419	5460939	1857	Granodiorite	0.002	0.003	0.250	7.00
140302		717451	5460927	1857	Granodiorite	0.002	0.003	0.250	14.00
140304	Target-2	717455	5461004	1851	Granodiorite	0.002	0.003	0.250	11.00
140308		717510	5460975	1855	Granodiorite	0.002	0.003	0.250	11.00
140311	Target-2	717554	5461064	1844	Granodiorite	0.002	0.005	0.250	15.00
140324		717753	5460934	1862	Rhyolite	0.002	0.003	0.250	4.00
140326	Target-2	717729	5461117	1850	Granodiorite	0.002	0.003	0.250	13.00
140341		716918	5460945	1849	Granodiorite	0.002	0.003	0.250	31.00
140349		717058	5460986	1847	Granodiorite	0.002	0.003	0.250	44.00
140351		717057	5460907	1857	Granodiorite	0.002	0.003	0.250	34.00
140356		717109	5460899	1858	Granodiorite	0.002	0.003	0.250	36.00
140359		717127	5461051	1833	Granodiorite	0.002	0.003	0.250	14.00
140362		717155	5460903	1860	Granodiorite	0.002	0.003	0.250	41.00
140368	Target-2	717193	5461055	1839	Granodiorite	0.002	0.003	0.250	7.00
140371		717235	5461005	1852	Granodiorite	0.002	0.003	0.250	46.00
140373		717243	5460910	1860	Granodiorite	0.002	0.005	0.250	35.00
140383	Target-4	715436	5460841	1784	Pegmatite	0.002	0.003	0.250	0.50
140385	Target-4	715389	5460800	1788	Diorite	0.002	0.003	0.250	14.00
140389	Target-4	715337	5460821	1789	Granite	0.002	0.003	0.250	2.00
140390	Target-4	715286	5460829	1789	Granite	0.002	0.003	0.250	15.00
140432	Target-4	715443	5460810	1788	Pegmatite	0.002	0.003	0.250	1.00
140438		716881	5460949	1845	Granodiorite	0.002	0.005	0.250	26.00
140452		715870	5460781	1800	Granite	0.002	0.003	0.250	2.00
140455		715868	5460854	1794	Rhyolite	0.002	0.003	0.250	5.00
140457		715936	5460920	1794	Rhyolite	0.002	0.003	0.250	15.00
140489		716725	5461580	1798	Diorite	0.002	0.003	0.250	55.00
140493		717382	5460967	1859	Granite	0.002	0.003	0.250	16.00
140516		716290	5461522	1792	Granodiorite	0.002	0.003	0.250	0.50
140522		716011	5461546	1804	Andesite	0.002	0.003	0.250	16.00
140525		716493	5460784	1836	Diorite	0.002	0.003	0.250	0.50
140538		716557	5461123	1819	Granodiorite	0.002	0.003	0.250	14.00
140545	Target-1	716308	5460937	1813	Granite	0.002	0.003	0.250	4.00
140556		716333	5461061	1817	Granite	0.002	0.003	0.250	31.00
140558		716393	5461121	1818	Granite	0.002	0.003	0.250	25.00
140559		716387	5461065	1824	Granite	0.002	0.003	0.250	27.00
140569		716482	5461025	1818	Granite	0.002	0.003	0.250	35.00
140575		718255	5460925	1874	Pegmatite	0.002	0.003	0.250	18.00
140577		718219	5460890	1877	Diorite	0.002	0.003	0.250	11.00
140578		718285	5460921	1877	Granite	0.002	0.003	0.250	16.00
140580		718284	5460839	1883	Granite	0.002	0.005	0.250	10.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140582		718207	5460857	1881	Granite	0.002	0.003	0.250	12.00
140585		718138	5460895	1879	Granite	0.002	0.003	0.250	21.00
140588		718193	5460977	1874	Granite	0.002	0.003	0.250	10.00
140591		718074	5460930	1873	Granite	0.002	0.003	0.250	14.00
140597		717791	5460809	1856	Gabbro	0.002	0.003	0.250	27.00
140600		717375	5460881	1859	Rhyolite	0.002	0.003	0.250	0.50
140615		715428	5461503	1805	Granosyenite	0.002	0.003	0.250	22.00
140639		715782	5461512	1807	Diorite	0.002	0.003	0.250	17.00
140649		718273	5460979	1871	Pegmatite	0.002	0.003	0.250	16.00
140650		718275	5460951	1874	Granite	0.002	0.003	0.250	19.00
140667		717146	5461087	1826	Granite	0.002	0.005	0.250	21.00
140670		716703	5461198	1809	Pegmatite	0.002	0.003	0.250	16.00
140671		716698	5461154	1809	Granite	0.002	0.003	0.250	12.00
140675		716737	5461171	1808	Pegmatite	0.002	0.003	0.250	17.00
140678		716814	5460847	1848	Granite	0.002	0.003	0.250	7.00
140682		716968	5460897	1854	Pegmatite	0.002	0.003	0.250	14.00
140690		715577	5461682	1820	Granodiorite	0.002	0.003	0.250	5.00
140691		715598	5461659	1821	Granosyenite	0.002	0.003	0.250	12.00
140696		715561	5461647	1819	Granosyenite	0.002	0.003	0.250	20.00
140697		715542	5461616	1818	Granodiorite	0.002	0.003	0.250	1.00
140706		715377	5461580	1812	Granodiorite	0.002	0.003	0.250	1.00
140708		715318	5461572	1808	Granodiorite	0.002	0.003	0.250	0.50
140712		715370	5461671	1813	Granodiorite	0.002	0.003	0.250	0.50
140713		715375	5461644	1813	Granodiorite	0.002	0.003	0.250	58.00
140857		715850	5461753	1818	Gabbro	0.002	0.003	0.250	11.00
140859		717676	5461811	1812	Gabbro	0.002	0.003	0.250	17.00
140862		714694	5461542	1788	Granosyenite	0.002	0.003	0.250	10.00
140911		716387	5461523	1797	Granosyenite	0.002	0.003	0.250	2.00
140945		711884	5463849	1899	Diorite	0.002	0.003	0.250	5.00
140237		717968	5460860	1870	Granite	0.001	0.003	0.250	16.00
140238		717969	5460915	1870	Rhyolite	0.001	0.003	0.250	2.00
140239		718007	5460900	1874	Gabbro	0.001	0.003	0.250	18.00
140240		717894	5460849	1863	Granite	0.001	0.003	0.250	5.00
140241		717879	5461051	1861	Granodiorite	0.001	0.003	0.250	14.00
140243		717888	5460987	1859	Rhyolite	0.001	0.003	0.250	4.00
140247		717931	5460938	1863	Rhyolite	0.001	0.003	0.250	0.50
140249		717955	5461074	1854	Granodiorite	0.001	0.003	0.250	15.00
140250		717969	5460950	1864	Rhyolite	0.001	0.003	0.250	0.50
140255		717998	5461086	1855	Granodiorite	0.001	0.003	0.250	16.00
140256		718039	5461088	1855	Granodiorite	0.001	0.003	0.250	12.00
140259		718049	5460959	1866	Granite	0.001	0.003	0.250	0.50
140260		718053	5460902	1878	Granite	0.001	0.003	0.250	12.00
140262		718154	5460865	1882	Quartz vein	0.001	0.003	0.250	18.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140263		718108	5460865	1885	Rhyolite	0.001	0.003	0.250	1.00
140265		718121	5460943	1874	Granite	0.001	0.003	0.250	15.00
140268		718145	5461051	1860	Rhyolite	0.001	0.003	0.250	17.00
140270		718151	5460972	1871	Diorite	0.001	0.003	0.250	15.00
140271		718165	5460904	1878	Granodiorite	0.001	0.005	0.250	6.00
140272		718153	5460862	1882	Granite	0.001	0.003	0.250	14.00
140273		718241	5461049	1863	Granite	0.001	0.003	0.250	9.00
140280		718236	5461017	1868	Granite	0.001	0.008	0.250	14.00
140281		718228	5460920	1877	Pegmatite	0.001	0.003	0.250	8.00
140282		718243	5460955	1872	Granite	0.001	0.003	0.250	8.00
140287		717337	5460921	1861	Rhyolite	0.001	0.003	0.250	1.00
140288		717323	5460839	1855	Granodiorite	0.001	0.003	0.250	5.00
140289		717373	5460819	1854	Rhyolite	0.001	0.003	0.250	2.00
140290		717364	5460907	1860	Rhyolite	0.001	0.003	0.250	1.00
140298		717418	5460879	1858	Rhyolite	0.001	0.003	0.250	2.00
140299		717416	5460831	1857	Rhyolite	0.001	0.003	0.250	0.50
140300		717466	5460830	1855	Rhyolite	0.001	0.003	0.250	0.50
140301		717474	5460880	1855	Rhyolite	0.001	0.003	0.250	0.50
140303		717467	5460965	1854	Granodiorite	0.001	0.003	0.250	9.00
140306	Target-2	717501	5461064	1842	Granodiorite	0.001	0.003	0.250	14.00
140307	Target-2	717502	5461014	1851	Granodiorite	0.001	0.003	0.250	13.00
140313	Target-2	717585	5461062	1846	Granodiorite	0.001	0.003	0.250	18.00
140330		717788	5460988	1863	Rhyolite	0.001	0.003	0.250	2.00
140331		717842	5460859	1857	Rhyolite	0.001	0.003	0.250	3.00
140332		717853	5460897	1858	Rhyolite	0.001	0.003	0.250	3.00
140333		717832	5460935	1858	Rhyolite	0.001	0.003	0.250	2.00
140335		716966	5460869	1855	Granite	0.001	0.003	0.250	6.00
140336		716970	5460844	1855	Granodiorite	0.001	0.003	0.250	9.00
140340		716941	5460901	1853	Granodiorite	0.001	0.003	0.250	5.00
140344		716977	5460956	1852	Pegmatite	0.001	0.003	0.250	2.00
140345		717022	5460824	1861	Rhyolite	0.001	0.003	0.250	0.50
140352		717052	5460827	1862	Rhyolite	0.001	0.003	0.250	3.00
140353		717106	5460823	1863	Granodiorite	0.001	0.003	0.250	15.00
140361		717147	5460961	1856	Pegmatite	0.001	0.003	0.250	0.50
140364		717195	5460865	1861	Rhyolite	0.001	0.003	0.250	0.50
140370	Target-2	717221	5461064	1840	Granodiorite	0.001	0.003	0.250	7.00
140376		717235	5460811	1856	Rhyolite	0.001	0.008	0.250	2.00
140378		717293	5460940	1861	Rhyolite	0.001	0.003	0.250	2.00
140382		717339	5460959	1858	Granodiorite	0.001	0.003	0.250	14.00
140388		715342	5460759	1792	Gabbro	0.001	0.003	0.250	11.00
140393		715305	5460717	1791	Granite	0.001	0.003	0.250	6.00
140396		715250	5460818	1786	Granite	0.001	0.003	0.250	9.00
140397	Target-4	715522	5460886	1778	Granite	0.001	0.003	0.250	6.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140399	Target-3	716666	5460870	1839	Rhyolite	0.001	0.003	0.250	0.50
140403	Target-3	716705	5460981	1822	Rhyolite	0.001	0.003	0.250	3.00
140404	Target-3	716714	5460933	1831	Granodiorite	0.001	0.003	0.250	9.00
140405	Target-3	716700	5460894	1838	Rhyolite	0.001	0.003	0.250	0.50
140408		716755	5460817	1847	Rhyolite	0.001	0.003	0.250	1.00
140411	Target-3	716754	5460940	1832	Rhyolite	0.001	0.003	0.250	4.00
140412	Target-3	716748	5460978	1825	Granodiorite	0.001	0.007	0.250	8.00
140415		716801	5460896	1840	Rhyolite	0.001	0.003	0.250	1.00
140416		716789	5460809	1847	Granodiorite	0.001	0.003	0.250	12.00
140418		715705	5460779	1786	Rhyolite	0.001	0.003	0.250	6.00
140423	Target-4	715623	5460845	1786	Rhyolite	0.001	0.003	0.250	1.00
140424	Target-4	715582	5460845	1784	Granite	0.001	0.003	0.250	9.00
140425	Target-4	715568	5460802	1785	Granite	0.001	0.003	0.250	1.00
140426	Target-4	715564	5460763	1786	Pegmatite	0.001	0.003	0.250	1.00
140428	Target-4	715532	5460811	1786	Rhyolite	0.001	0.003	0.250	4.00
140430	Target-4	715488	5460840	1784	Rhyolite	0.001	0.003	0.250	4.00
140431	Target-4	715492	5460809	1787	Granite	0.001	0.003	0.250	4.00
140433		716853	5460806	1849	Diorite	0.001	0.003	0.250	3.00
140435		716876	5460981	1844	Granodiorite	0.001	0.003	0.250	15.00
140436		716850	5460905	1842	Rhyolite	0.001	0.003	0.250	2.00
140439		716880	5460897	1848	Rhyolite	0.001	0.003	0.250	2.00
140445		716204	5461080	1806	Rhyolite	0.001	0.003	0.250	1.00
140456		715877	5460904	1788	Rhyolite	0.001	0.003	0.250	2.00
140488		716771	5461620	1800	Rhyolite	0.001	0.003	0.250	1.00
140491		717394	5460913	1860	Rhyolite	0.001	0.003	0.250	2.00
140492		717453	5460896	1856	Rhyolite	0.001	0.003	0.250	13.00
140501		716647	5461572	1801	Granosyenite	0.001	0.003	0.250	1.00
140503		716597	5461574	1803	Granosyenite	0.001	0.003	0.250	1.00
140509		716419	5461540	1801	Granosyenite	0.001	0.003	0.250	0.50
140511		716387	5461523	1797	Granosyenite	0.001	0.003	0.250	0.50
140526		716518	5460832	1830	Rhyolite	0.001	0.003	0.250	1.00
140527		716535	5460802	1840	Granodiorite	0.001	0.003	0.250	0.50
140528		716569	5460803	1844	Rhyolite	0.001	0.003	0.250	0.50
140530		716569	5460867	1828	Rhyolite	0.001	0.003	0.250	10.00
140540		716599	5461175	1814	Granodiorite	0.001	0.003	0.250	8.00
140546	Target-1	716304	5460966	1816	Pegmatite	0.001	0.003	0.250	0.50
140547		716290	5461018	1815	Rhyolite	0.001	0.005	0.250	0.50
140550		716293	5461164	1797	Rhyolite	0.001	0.003	0.250	0.50
140553		716343	5460962	1817	Granite	0.001	0.003	0.250	1.00
140555		716337	5461023	1819	Rhyolite	0.001	0.003	0.250	0.50
140567		716494	5461112	1820	Granite	0.001	0.003	0.250	17.00
140568		716477	5461057	1819	Rhyolite	0.001	0.003	0.250	5.00
140579		718288	5460888	1881	Granite	0.001	0.003	0.250	9.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140586		718150	5460938	1874	Granite	0.001	0.003	0.250	6.00
140590		718089	5460968	1870	Granite	0.001	0.003	0.250	9.00
140593		717935	5460995	1860	Granite	0.001	0.003	0.250	18.00
140598		717610	5460938	1857	Granite	0.001	0.003	0.250	4.00
140608		715509	5461536	1811	Granosyenite	0.001	0.003	0.250	5.00
140616		715458	5461493	1806	Granosyenite	0.001	0.003	0.250	7.00
140618		715567	5461504	1810	Granosyenite	0.001	0.003	0.250	12.00
140644		715690	5461468	1807	Rhyolite	0.001	0.003	0.250	38.00
140648		718272	5461021	1868	Rhyolite	0.001	0.003	0.250	2.00
140653		715600	5461483	1808	Granosyenite	0.001	0.003	0.250	1.00
140655		715601	5461507	1810	Granosyenite	0.001	0.003	0.250	6.00
140657		715640	5461531	1812	Granosyenite	0.001	0.003	0.250	5.00
140658		715650	5461504	1810	Granosyenite	0.001	0.003	0.250	2.00
140661		718187	5461096	1856	Pegmatite	0.001	0.003	0.250	13.00
140664		718285	5461091	1856	Granite	0.001	0.003	0.250	16.00
140672		716651	5461150	1811	Granite	0.001	0.003	0.250	8.00
140673		716599	5461141	1817	Rhyolite	0.001	0.003	0.250	4.00
140676		716753	5461211	1806	Granite	0.001	0.003	0.250	16.00
140679	Target-3	716795	5460936	1837	Granite	0.001	0.003	0.250	11.00
140680		716847	5460938	1841	Rhyolite	0.001	0.003	0.250	11.00
140681		716895	5460853	1851	Granite	0.001	0.003	0.250	7.00
140683		717073	5460859	1859	Diorite	0.001	0.003	0.250	8.00
140687		715674	5461713	1819	Granodiorite	0.001	0.003	0.250	0.50
140689		715619	5461701	1823	Granodiorite	0.001	0.003	0.250	0.50
140692		715616	5461643	1817	Granosyenite	0.001	0.003	0.250	2.00
140695		715581	5461635	1819	Granosyenite	0.001	0.003	0.250	2.00
140698		715519	5461597	1817	Granodiorite	0.001	0.003	0.250	0.50
140699		715511	5461558	1814	Granodiorite	0.001	0.003	0.250	0.50
140701		715476	5461622	1818	Diorite	0.001	0.003	0.250	6.00
140703		715455	5461623	1817	Granodiorite	0.001	0.003	0.250	0.50
140704		715440	5461607	1815	Diorite	0.001	0.003	0.250	9.00
140705		715414	5461595	1815	Granodiorite	0.001	0.003	0.250	2.00
140711		715403	5461658	1814	Granodiorite	0.001	0.003	0.250	0.50
140861		714624	5461500	1785	Granosyenite	0.001	0.003	0.250	10.00
140902		717197	5463520	1837	Rhyolite	0.001	0.003	0.250	3.00
140904		718055	5463291	1850	Granosyenite	0.001	0.003	0.250	7.00
140940		705461	5463027	1730	Granodiorite	0.001	0.003	0.250	72.00
140942		715524	5461421	1804	Subvolcanic	0.001	0.003	0.250	5.00
140946		708552	5463411	1844	Diorite	0.001	0.003	0.250	0.50
140947		707464	5463107	1805	Granosyenite	0.001	0.003	0.250	3.00
140949		707014	5463739	1787	Granite	0.001	0.003	0.250	2.00
140950		705462	5463185	1782	Granodiorite	0.001	0.003	0.250	37.00
140236		718001	5460946	1865	Granite	0.000	0.003	0.250	0.50

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140242		717879	5461093	1859	Granodiorite	0.000	0.003	0.250	15.00
140245		717891	5460895	1860	Granite	0.000	0.003	0.250	1.00
140246		717929	5460896	1866	Granite	0.000	0.003	0.250	0.50
140252		718011	5460989	1862	Granite	0.000	0.003	0.250	0.50
140258		718064	5461003	1863	Granite	0.000	0.003	0.250	0.50
140267		718096	5461032	1862	Granite	0.000	0.003	0.250	0.50
140269		718150	5461006	1867	Rhyolite	0.000	0.003	0.250	2.00
140279		718192	5461047	1861	Rhyolite	0.000	0.003	0.250	1.00
140346		717018	5460858	1858	Rhyolite	0.000	0.003	0.250	0.50
140375		717247	5460866	1860	Rhyolite	0.000	0.003	0.250	0.50
140427		715528	5460743	1785	Granite	0.000	0.003	0.250	2.00
140487		715961	5461427	1799	Granosyenite	0.000	0.003	0.250	1.00
140502		716595	5461545	1800	Rhyolite	0.000	0.003	0.250	0.50
140504		716545	5461542	1802	Granosyenite	0.000	0.003	0.250	0.50
140505		716501	5461538	1803	Granosyenite	0.000	0.003	0.250	2.00
140506		716513	5461575	1807	Granosyenite	0.000	0.003	0.250	2.00
140507		716462	5461572	1805	Granosyenite	0.000	0.003	0.250	1.00
140508		716462	5461533	1802	Granosyenite	0.000	0.003	0.250	0.50
140510		716415	5461574	1805	Granosyenite	0.000	0.003	0.250	2.00
140512		716550	5461572	1805	Granosyenite	0.000	0.003	0.250	2.00
140513		716321	5461538	1797	Granosyenite	0.000	0.003	0.250	3.00
140517		716222	5461545	1797	Granodiorite	0.000	0.003	0.250	0.50
140518		716144	5461535	1799	Granodiorite	0.000	0.003	0.250	0.50
140519		716108	5461513	1797	Granodiorite	0.000	0.003	0.250	0.50
140531		716485	5461009	1818	Rhyolite	0.000	0.003	0.250	1.00
140532		716478	5461059	1819	Rhyolite	0.000	0.003	0.250	3.00
140535		716468	5461167	1809	Rhyolite	0.000	0.003	0.250	2.00
140536		716506	5461162	1820	Rhyolite	0.000	0.003	0.250	0.50
140537		716514	5461115	1819	Rhyolite	0.000	0.003	0.250	0.50
140539		716558	5461162	1820	Rhyolite	0.000	0.006	0.250	2.00
140551		716386	5461167	1806	Rhyolite	0.000	0.003	0.250	0.50
140557		716346	5461117	1812	Rhyolite	0.000	0.003	0.250	0.50
140563		716423	5461021	1823	Rhyolite	0.000	0.003	0.250	0.50
140564		716429	5461063	1824	Rhyolite	0.000	0.003	0.250	0.50
140565		716417	5461126	1821	Rhyolite	0.000	0.003	0.250	0.50
140566		716472	5461169	1809	Rhyolite	0.000	0.003	0.250	0.50
140572		715184	5460747	1781	Granosyenite	0.000	0.003	0.250	0.50
140573		715742	5461416	1805	Rhyolite	0.000	0.003	0.250	2.00
140592		717967	5461003	1861	Granite	0.000	0.003	0.250	9.00
140601		715287	5461441	1798	Granosyenite	0.000	0.003	0.250	3.00
140602		715288	5461415	1798	Granosyenite	0.000	0.003	0.250	3.00
140603		715330	5461423	1800	Granosyenite	0.000	0.003	0.250	2.00
140604		715331	5461456	1801	Granosyenite	0.000	0.003	0.250	2.00

Hole ID	Prospect	East	North	RL	Rock type	Cu (%)	Au (g/t)	Ag (g/t)	Ni (ppm)
140606		715417	5461525	1810	Granosyenite	0.000	0.003	0.250	0.50
140607		715466	5461524	1811	Granosyenite	0.000	0.003	0.250	0.50
140609		715505	5461438	1805	Subvolcanic	0.000	0.003	0.250	1.00
140610		715510	5461406	1803	Subvolcanic	0.000	0.003	0.250	2.00
140611		715471	5461405	1802	Subvolcanic	0.000	0.003	0.250	7.00
140612		715420	5461408	1800	Subvolcanic	0.000	0.003	0.250	2.00
140613		715373	5461423	1800	Subvolcanic	0.000	0.003	0.250	2.00
140619		715551	5461452	1806	Granosyenite	0.000	0.003	0.250	4.00
140620		715556	5461433	1804	Granosyenite	0.000	0.003	0.250	5.00
140621		715569	5461407	1804	Granosyenite	0.000	0.003	0.250	4.00
140622		715572	5461378	1804	Granodiorite	0.000	0.003	0.250	4.00
140625		715960	5461556	1804	Granosyenite	0.000	0.003	0.250	2.00
140629		715917	5461423	1799	Granosyenite	0.000	0.003	0.250	2.00
140630		715850	5461418	1802	Granosyenite	0.000	0.003	0.250	2.00
140632		715820	5461467	1804	Granosyenite	0.000	0.003	0.250	1.00
140633		715821	5461438	1802	Granosyenite	0.000	0.003	0.250	5.00
140635		715821	5461400	1802	Rhyolite	0.000	0.003	0.250	5.00
140636		715828	5461366	1798	Rhyolite	0.000	0.003	0.250	3.00
140637		715778	5461366	1801	Rhyolite	0.000	0.003	0.250	4.00
140638		715786	5461417	1804	Rhyolite	0.000	0.003	0.250	2.00
140640		715743	5461362	1802	Rhyolite	0.000	0.003	0.250	3.00
140641		715693	5461386	1803	Rhyolite	0.000	0.003	0.250	3.00
140642		715692	5461413	1804	Rhyolite	0.000	0.003	0.250	6.00
140643		715691	5461438	1804	Rhyolite	0.000	0.003	0.250	5.00
140645		715649	5461409	1803	Rhyolite	0.000	0.003	0.250	6.00
140646		715654	5461385	1801	Rhyolite	0.000	0.003	0.250	6.00
140647		718282	5461042	1868	Rhyolite	0.000	0.003	0.250	2.00
140651		715598	5461409	1804	Granosyenite	0.000	0.003	0.250	3.00
140652		715604	5461376	1803	Granosyenite	0.000	0.003	0.250	6.00
140659		715659	5461479	1809	Granosyenite	0.000	0.005	0.250	0.50
140660		715646	5461427	1803	Granosyenite	0.000	0.003	0.250	2.00
140677		716785	5461175	1806	Granite	0.000	0.003	0.250	24.00
140693		715593	5461647	1818	Granosyenite	0.000	0.003	0.250	0.50
140700		715482	5461551	1812	Granodiorite	0.000	0.003	0.250	0.50
140851		705576	5463421	1809	Rhyolite	0.000	0.003	0.250	1.00
140905		718104	5461020	1863	Granite	0.000	0.003	0.250	0.50

APPENDIX 2: SANT TOLGOI TABLE 1 (JORC 2012)

Set out below is Section 1 and Section 2 of Table 1 under the JORC Code, 2012 Edition for the Sant Tolgoi project. Data provided by Xanadu. This Table 1 is the first JORC Table 1 disclosure for the Sant Tolgoi Project.

1.1 JORC TABLE 1 - SECTION 1 - SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. 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.	- Samples were taken as surface rock chip samples. 3kg of material was collected using geological hammer as numerous small golf ball sized chips over a 2m-by-2m area. - Samples were collected on a rough 50m- by- 50m grid over areas of interest. - Samples were selected from as many rock types as possible.
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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).	No drilling has been completed on the project.
Drill sample recovery	- Method of recording and 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.	No drilling has been completed on the project.
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.	- No drilling has been completed. - Geological data was recorded for each rock chip sample and 1:20,000 and 1:2,000 scale geological mapping was completed over the areas of interest.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	• <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>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.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	• No drilling has been completed on the project. • The nature of the sampling (many small golf ball sized pieces of rock being collected over a 2m by 2m sized area) ensures the most representative sample can be collected for the grain-size of the host rocks as possible. • One standard and one blank sample inserted for every 40 samples collected. • OREAS-680 (Ni-Cu-PGE gabbronorite) standard with 160ppb Au, 218ppb Pd, 405ppb Pt, 0.9% Cu and 2.15% Ni. • The blank sample was OREAS 24D (Basalt blank pulp) blank with <1ppb Au, 43.2ppm Cu and 137ppm Ni.
Quality of assay data and laboratory tests	• <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> • <i>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.</i> • <i>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.</i>	• All samples were routinely assayed by ALS Mongolia for gold, multielement, oxides and by ALS Australia for PGE's. • Au is determined using a 30g fire assay fusion, cupelled to obtain a bead, and digested with Aqua Regia, followed by an atomic absorption spectroscopy (AAS) finish, with a lower detection (LDL) of 0.005 ppm. (ALS code Au-AA23). • All samples were also submitted to ALS Mongolia for the 33-element package ME-ICP61 using a four acid digest (considered to be an effective total digest for the elements relevant to the MRE). Where copper is over-range (>1% Cu), it is analysed by a second analytical technique (Cu-OG62), which has a higher upper detection limit (UDL) of 5% copper. (ALS code ICP-ME61). • PGE is determined by ALS Australia using a 30g fire assay fusion and inductively coupled plasma, followed by an atomic emission spectroscopy (ICP-AES) finish, with a lower detection (LDL) of 0.005 ppm. (ALS code PGM-ICP23). • The selective samples also submitted to ALS Mongolia for trace element and oxides package ME-XRF15b using oxidizing fusion and followed by monochromatic excitation X-ray fluorescence (ME-XRF) spectrometry (ALS code ME-XRF15b).

Criteria	JORC Code explanation	Commentary
		- Quality assurance has been managed by insertion of appropriate Standards (1:20 samples – suitable Ore Research Pty Ltd certified standards), Blanks (1:20 samples). - Assay results outside the optimal range for methods were re-analysed by appropriate methods. - Ore Research Pty Ltd certified copper and nickel standards have been implemented as a part of QC procedures, as well as certified pulp blanks,. - QC monitoring is an active and ongoing processes on batch-by-batch basis by which unacceptable results are re-assayed as soon as practicable.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i>	- All assay data QAQC is checked prior to loading into XAM's Geobank data base. - The data is managed by XAM geologists. - The database and geological interpretation is managed by XAM. - There have been no adjustments to any of the assay data.
Location of data points	<i>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.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i>	- Rock Chip samples were located using a handheld GPS. - The grid system used for the project is UTM WGS-84 Zone 46N. - The drone magnetic data was located using MagArrow II magnetometer. - Gravity data was located using Scintrex CG-5 AutoGrav equipment.
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i> <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity</i> <i>Whether sample compositing has been applied.</i>	- Rock chip samples are spaced approximately 50m by 50m. - Drone magnetics was conducted on 40m line spacings. - Gravity data was collected on a 40m by 100m grid spacing. - Magnetics covers approximately 6.5% of the tenement. - Gravity covers approximately 6.5% of the tenement. - Rock Chip samples cover approximately 10% of the tenement.

Criteria	JORC Code explanation	Commentary
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.	Sampling is opportunistic and conducted on available outcrop.
Sample security	The measures taken to ensure sample security.	- Samples are dispatched from site in locked boxes transported on XAM company vehicles to ALS lab in Ulaanbaatar. - Sample shipment receipt is signed off at the Laboratory with additional email confirmation of receipt. - Samples are then stored at the lab and returned to a locked storage site.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Internal audits of sampling techniques and data management are undertaken on a regular basis, to ensure industry best practice is employed at all times.

1.2 JORC TABLE 1 - SECTION 2 - REPORTING OF EXPLORATION RESULTS

(Criteria in this section apply to all succeeding sections).

Criteria	JORC Code (Section 2) 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 license to operate in the area.	- The Project comprises 2 Exploration Licences XV-017774 (Oyut) and XV-021887 (Sant Tolgoi). - Xanadu now have "Farm-in Deed" with STSM LLC and aims to own 50% of the project afterwards compilation phase II exploration. - The Mongolian Minerals Law (2006) and Mongolian Land Law (2002) govern exploration, mining and land use rights for the project.
Exploration done by other parties	- Acknowledgment and appraisal of exploration by other parties.	Previous exploration was conducted by Mongolian and Soviet Geologists. Limited other exploration has been conducted.
Geology	Deposit type, geological setting and style of mineralisation.	- The mineralisation is characterized as Magmatic Cu-Ni mineralisation. - Magmatic Cu-Ni deposits are formed from magmatic hydrothermal fluids typically associated with mafic intrusive stocks or sills that have deposited metals as sulphides both within the intrusive and the intruded host rocks. The disseminated sulphides occurring both within the mafic intrusives

Criteria	JORC Code (Section 2) Explanation	Commentary
		and thought out the wall rock. The massive sulphides as lode may occur at the bottom of mafic intrusive bodies. Magmatic Cu-Ni deposits are typically low to high grade, moderate tonnage deposits are generally mined by shallow open pit mining method. The deposits at Sant Tolgoi are a typical in that they are associated with mafic intrusions of gabbro to hornblende composition.
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:	- Rock-Chip data, geological mapping, drone magnetics, gravity, CSAMT and DDIP data are the main sources of data for the project to date. - No Drilling has been conducted on the project to date. - See figures in ASX/TSX Announcement.
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.	No cut-offs or equivalent metal calculations have been used.
Relationship between mineralisation on 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').	- No drilling has been conducted. - No intervals have been reported.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant	See figures in ASX/TSX Announcement.

Criteria	JORC Code (Section 2) Explanation	Commentary
	<i>discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	
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.	A full spreadsheet of the assay results received to date has been included in the body of the report.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): 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.	Limited work in this area has been done in the tenement.
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.	Exploration ongoing.

1.3 JORC TABLE 1 - SECTION 3 ESTIMATION AND REPORTING OF MINERAL RESOURCES

Mineral Resources are not reported so this is not applicable to this report.

1.4 JORC TABLE 1 - SECTION 4 ESTIMATION AND REPORTING OF ORE RESERVES

Ore Reserves are not reported so this is not applicable to this report.