

Solis Minerals Provides Updated on Exploration Activities at the Cinto Project in Peru

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Copper Porphyry Mineralisation Confirmed at Cinto 0.88% Cu over 23.4m

HIGHLIGHTS

- Extensive copper porphyry mineralisation identified in rock and channel sampling at Cinto Project, Peru.

Highlights include:

- **11 February 2025** - Canadian focused copper-gold explorer, [Solis Minerals Ltd.](#) (ASX: SLM) (TSXV: SLMN) (OTCQB: SLMFF) ("Solis" or the "Company") is pleased to announce an update on exploration activities at the Cinto Project in Peru. Cinto is located 15km SE of one of Peru's major copper mines, Toquepala (2,105mt @ 0.47% Cu potential resource- 200ktpa Cu production)¹. The copper mineralisation at Cinto is predominantly seen in breccias, the major mineralisation host at the Toquepala Copper Mine, 15km northwest of Cinto. Geological similarities are evident between mineralisation styles at Cinto and Toquepala. Cinto is situated on the major Incapuquio Fault System which favoured the emplacement of intrusions related to large-scale porphyry copper deposits of Toquepala, Quellaveco, and Cuajone (Figure 1). Toquepala is one of Peru's major copper producers (200ktpa).
Total Mineral Reserves for third party mines sourced from Southern Copper 10K Report 2023, lodged with SEC 31 December 2023 (Cuajone & Toquepala) and Anglo American (LSE:AAL) Annual Report 2023
Executive Director, Mike Parker, commented:
"The Cinto Project continues to deliver excellent results and we have considerably expanded our porphyry copper mineralisation footprint. Equally exciting is that we are observing styles of copper mineralisation that resemble the main mineralisation styles of the massive Toquepala mine (196,600tpa copper) only 15km to the northwest. Our drone magnetometry geophysics correlates well with mineralisation and indicates potential for scale as well as new areas to follow-up. As a stand-alone project, Cinto is shaping up well as a significant mineralised copper porphyry target. When combined with our advanced targets and planned drilling at our Coastal Belt projects, our copper portfolio is truly outstanding.
2025
The year will be a year of building on all the hard ground work of identifying our drill targets in 2024. We will start drilling at two of our projects, Chancho al Palo and Ilo Este, later this quarter depending on permits, while the Cinto Project will be advanced to drill in second half of 2025".

Cinto Project

The Cinto Project consists of eight tenements totalling 3,169Ha in the highly prospective Cenozoic Porphyry Belt of southern Peru, located some 15km to the southeast of the world class Toquepala Copper Mine (Figure 1). Cinto is geologically distinct from the rest of Solis' tenements which are situated in the older Jurassic-Cretaceous Coastal Belt of Peru (Figure 3).

Figure 1: Cinto tenements, Incapuquio Fault System, and geology.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_figure%201.jpg

Figure 2: Cinto Project Channel 7, sample 18369, taken across mineralisation in brecciated andesitic tuff exposed by gully erosion. Sample length 1.1m. Assay results: Au 0.535 g/t, Ag 25 g/t, Cu 8.7%, Mo 1 ppm, Pb 283 ppm, Zn 873 ppm.

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https://images.newsfilecorp.com/files/1134/240346_figure2.jpg

Figure 3: Solis' tenements in the Coastal and Cenozoic (Paleocene-Eocene) Belts with existing deposits and regional geology shown. Note new permit applications made north of Cinto in January 2025.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_figure3.jpg

Results of rock and channel geochemistry sampling programs carried out at Cinto in the second half of 2024 have yielded highly encouraging results that confirm porphyry mineralisation over a broad area. Rock samples were collected from outcropping rocks of interest or on a sampling grid, whilst Channel Samples were continuous samples taken across zones of outcropping mineralisation, usually related to old workings or eroded gullies.

A site with historical workings previously rock sampled during reconnaissance surveys by Solis and reported in July 2024², has now returned 0.88% Cu over 23.40m in Channel 1. Approximately 500m to the east of the reconnaissance site, Channel 6 returned 0.52% Cu over 16.83m. Values of 5.80% Cu over 2.20m are also reported in an area 630m east of the reconnaissance site in Channel 7, whilst a high-grade narrow (20cm) vein and one metre wallrock grading 10.32% lead and 2.31% zinc was discovered in Channel 5 which is 2.5km to the east of the reconnaissance site at (coordinates East 337396 and North 8079489, Figure 6, Tables 1 & 3). Following these initial geochemical and mapping surveys, the Company is planning the layout of an IP survey in various zones to define drill targets.

A strong correlation is identified between copper mineralisation defined in the geochemical program and previously reported magnetic low geophysical anomalies (Figures 4 & 7). In the northeast of the licence, all channel samples and the majority of copper-anomalous rock samples fall within a magnetic low of dimensions 3km x 0.75km with the low core having a surface area of 1.75km² creating scope for scale. This magnetic low anomaly is interpreted as being caused by magnetite destruction, a common occurrence in porphyry deposits where late-stage mineralising fluids react with magnetic minerals in a host rock, altering them to non-magnetic mineral species. Two further magnetic low anomalies are recognised locally - one with dimensions of 1km x 0.3km to the west of the low described above; and a further zone of 3.5 x 1.0km to the southwest (X and Y on Figure 7). Both areas are yet to be sampled, and the latter has coincident alteration mapped from WorldView-3 satellite studies previously reported². Based on results to date, both areas are considered to be highly prospective for further porphyry copper mineralisation.

Previous Exploration at Cinto

Prior to Solis acquiring the Cinto tenements, limited systematic exploration had been completed and there are no records of previous drill programs. Solis commenced exploration with a WorldView-3 remote sensing survey, followed up by geological mapping. In 2023 and 2024, reconnaissance rock sampling led to the identification of an area of in-situ copper oxide mineralisation in old workings in the northeast of the property. Several samples returned assays in excess of 1% Cu (highest 7.14% Cu) in a circular area roughly 100m in diameter (Figure 4). In late 2024, Solis completed a drone magnetometry survey that identified areas of low magnetic response coincident and extending beyond the reconnaissance mineralisation³. Previous exploration results are summarised in Figure 4.

² Solis ASX release 9 July 2024, High Grade Copper Samples Identified at Cinto

³ Solis ASX release 15 October 2024, Solis Completes Magnetometry Survey at Cinto

Figure 4: Previous exploration at Cinto: Total Field magnetic data (high magnetic response in red, low response in blue) overlaid by WorldView-3 alteration suites and geology/structure. "Cu" marks zone of high grade copper oxide samples from old workings, the original reconnaissance site sampled 1H 2024.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_figure4.jpg

Cinto Structural Setting

Cinto sits astride or just south of the regional transcurrent Incapuquio Fault System (Figures 1 & 4). The fault's corridor of influence includes en echelon faults, and subparallel fault structures. In the Cinto area, the fault corridor has an approximate width of 2.5km across its predominant NW-SE strike direction. This fault system is believed to have influenced the emplacement of Late Cretaceous to Early Palaeogene (Cenozoic) granodioritic, dioritic, and monzonitic intrusions as well as related volcanic rocks of the Toquepala Group⁴. The large-scale copper porphyry deposits of Cuajone, Quellaveco, and Toquepala were formed during this intrusive phase (Figure 3) and are associated with, or emplaced within, volcanics of the Toquepala Group.

Cinto Mineralisation Style

In the reconnaissance area (Channel Samples 1-4, Figure 6), the mineralisation is localised in brecciated altered andesitic tuffs of the Toquepala Group. Quartz veining is seen forming the matrix of grossly brecciated and phylically altered units (Figure 5). Copper oxides are visible in the quartz veining and replacing tuffs in patches. Millimetric size textures on the veins and wallrocks are characteristic of intrusive hydrothermal breccias.

⁴ Structural Characteristics of the Incapuquio fault system, southern Peru, J. Jacay, T. Sempere et al, 2002

Figure 5: Channel 4 (viewed from north) sampled across brecciated and altered andesitic tuff outcrop exposed by old workings. Width of photo field of view is approximately 7m. Assay results returned over 0.00-5.50m (4.50m linear) are Au 0.011 ppm, Ag 3 ppm, Cu 1.03%, Mo 1 ppm, Pb 128 ppm, Zn 212 ppm.

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https://images.newsfilecorp.com/files/1134/240346_figure5.jpg

In the areas of Channel Samples 6-10 (Figure 6), the mineralisation occurs in intrusive hydrothermal breccias that have impacted andesitic tuffs of the Toquepala Group (Figure 2). Brecciation consists of quartz veining that separates and cross-cuts angular tuff clasts. Alteration includes abundant phyllic alteration and silicification. Copper oxide minerals occur in the quartz veins and also in patches and segregations in the clasts.

The above occurrences both resemble various phases of mineralisation at the Toquepala Copper Mine, some 15km northwest of Cinto, where intrusive hydrothermal breccias are a significant mineralisation host. The geochemistry reveals low to sporadic gold values which also resembles Toquepala. Generally low molybdenum values can be attributed to oxidation.

An outcrop of a mineralised quartz vein (20cm wide) occurs in granodiorites in the east of the property (Channel 5, Figure 6) and including 1m of granodiorite wallrock grades 10.32% lead and 2.31% zinc. Channel 5 is 2.5km to the east of the reconnaissance site at coordinates East 337396 and North 8079489. This occurrence is considered as a lateral expression to the copper-dominated mineralisation further west.

Cinto Geochemical Sampling 2024

During 2H 2024, 485 rock samples were collected (Tables 1-4). Of these, 333 were outcrop rock samples and 152 were channel samples from 10 separate channels. Channel sampling was carried out in areas of good to continuous outcrop, usually facilitated by the presence of old (>50 years) small scale surface

workings - Channels 1,2,3,4,6,9,10 - or in areas of gully erosion. The 2H 2024 program complements the 45 rock samples taken in late 2023/1H 2024 and brings the total rock sampling inventory at Cinto to 530 samples.

The channels sampled are indicated in zones on the locality map, Figure 6 and results summarised in Table 1 with details in Table 3.

Figure 6: Cinto locality map of channel sampling areas underlain by total field drone magnetometry. Note that the channel sampling is located in zones of low magnetic response (blue-green colours) indicating hydrothermal alteration. The magnetometry is a valuable guide for exploration at Cinto. Channels 1-4 are located over the original reconnaissance site, reported in July 2024.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_figure6.jpg

A summary of the channel sampling assay results is presented below in Table 1.

Table 1: Summary of channel sample geochemical assay results from Cinto Project. Zones highlighted in bold are >0.5% Cu. True length is calculated taking into account the linearity of the sampling line. Sampling was done predominantly at a high angle to outcrop strike within the constraints of shallow channel sampling.

For location coordinates of channel samples and all assays, refer Table 3, Appendix 1.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_table1.jpg

Additionally, 333 rock outcrop samples were analysed in an area of approximately 6 x 2km in the east of the permits. The results from these samples (Table 2 Table 4, Appendix 1) show a correlation of copper mineralisation with alteration (low magnetic response areas) around structures (Figure 7). Table 2 shows the highest Cu assays returned in rocks (does not include channel samples) and their geological context.

Table 2: Cinto rock samples geochemical assays reporting >0.5% Cu (17 out of 333 samples). Those in bold are within porphyry-style assemblages. Altered granodiorites are considered marginal to potential porphyry system. Note veins in granodiorite with high base metal values in east, close to Channel 5.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_table2.jpg

Figure 7: Cu anomalies from rock sample assays centred around structures with hydrothermal alteration. "X" and "Y" represent prospective areas of low magnetic response yet to be evaluated.

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https://images.newsfilecorp.com/files/1134/240346_b82edaba84909973_015full.jpg

Results of the geochemical surveys

Following up on the initial rock geochemical sampling campaign of the reconnaissance site, the channel sampling and rock sampling geochemical results have:

- confirmed the presence of porphyry style copper mineralisation in favourable structural locations with analogous characteristics to the nearby Toquepala porphyry

- expanded the area of interest at Cinto with two newly discovered Cu-mineralised zones (Channels 6 & 7-10) 500m and 630m east of the reconnaissance site (Channels 1-4)
- demonstrated a strong spatial correlation of copper mineralisation with the magnetic low geophysical anomaly that indicates a zone of hydrothermal alteration. Several such areas, particularly to the west of the project, have yet to be evaluated, indicating a potential for further large-scale mineralised systems at Cinto
- demonstrated the potential for associated polymetallic mineralisation (Pb, Zn, Ag) around the copper-dominated area with the discovery of highly mineralised, narrow structures approximately 2.5km east of the original site (Channel 5) and adjacent rock samples.

Next Steps for Cinto

Based on the geochemistry results, Induced-Polarisation (IP) programs are being planned to define drill targets. Drill permitting, including archaeological surveys, will commence with a target of drilling in the second half of 2025.

Solis will continue to investigate the potential of Cinto by testing the as yet unexplored low magnetic anomalies through a combination of mapping and rock geochemistry. Further areas for IP follow-up and drill target definition are expected to become apparent once all the tenement is explored.

5. Drilling Schedule

* Timeline dependent upon obtaining requisite permits

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/1134/240346_drill%20table.jpg

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This announcement is authorised by Michael Parker, Executive Director of Solis Minerals Ltd.

Contact

Michael Parker	Media & Broker Enquiries:
Executive Director	Fiona Marshall & Jason Mack
Solis Minerals Limited	White Noise Communications
+61 8 6117 4795	fiona@whitenoisecomms.com
	jason@whitenoisecomms.com
	+61 400 643 799

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About Solis Minerals Limited

Solis Minerals is an emerging exploration company, focused on unlocking the potential of its South American copper portfolio. The Company is building a significant copper portfolio around its core tenements of Ilo Este and Ilo Norte and elsewhere in the Coastal Belt of Peru and currently holds 81 exploration concessions for a total of 69,200Ha (46 concessions granted with 35 applications in process).

The Company is led by a highly-credentialed and proven team with excellent experience across the mining lifecycle in South America. Solis is actively considering a range of copper opportunities. South America is a key player in the global export market for copper and Solis, under its leadership team, is strategically positioned to capitalise on growth the opportunities within this mineral-rich region.

Forward-Looking Statements

This news release contains certain forward-looking statements that relate to future events or performance and reflect management's current expectations and assumptions. Such forward- looking statements reflect management's current beliefs and are based on assumptions made and information currently available to the Company. Readers are cautioned that these forward- looking statements are neither promises nor guarantees and are subject to risks and uncertainties that may cause future results to differ materially from those expected, including, but not limited to, market conditions, availability of financing, actual results of the Company's exploration and other activities, environmental risks, future metal prices, operating risks, accidents, labour issues, delays in obtaining governmental approvals and permits, and other risks in the mining industry. All the forward-looking statements made in this news release are qualified by these cautionary statements and those in our continuous disclosure filings available on SEDAR+ at www.sedarplus.ca. These forward-looking statements are made as of the date hereof, and the Company does not assume any obligation to update or revise them to reflect new events or circumstances save as required by applicable law.

Qualified Person Statement

The technical information in this news release was reviewed by Michael Parker, a Fellow of the Australian institute of Mining and Metallurgy (AusIMM), a qualified person as defined by National Instrument 43-101 (NI 43-101). Michael Parker is Executive Director of the Company.

Competent Person Statement

The information in this ASX release concerning Geological Information and Exploration Results is based on and fairly represents information compiled by Mr Michael Parker, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Parker is Executive Director of Solis Minerals Ltd. and has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the exploration activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Mineral Resources and Ore Reserves". Mr Parker consents to the inclusion in this report of the matters based on information in the form and context in which it appears. Mr Parker has provided his prior written consent regarding the form and context in which the Geological Information and Exploration Results and supporting information are presented in this Announcement.

APPENDIX 1

Table 3 Cinto Channel Sample Geochemical Assay Results

Sample No.	E Coord	N Coord	Elev.	Chan No.	Notes	Int. From m	Int. To m	Linear Distance m	Corrected Distance m	Au ppm	Ag ppm	Cu %	Mo ppm	Pb ppm
18095	335127	8079472	2360	CH1	Start Channel Sample	0.00	2.00	2.00	1.70	0.003	1.30	0.06	1	45
18096	335127	8079474	2360	CH1		2.00	4.00	2.00	1.70	0.003	4.00	0.03	1	50
18097	335127	8079475	2360	CH1		4.00	5.00	1.00	0.85	0.003	7.90	1.55	1	281
18098	335126	8079476	2360	CH1		5.00	6.00	1.00	0.85	0.007	6.40	0.16	1	344
18099	335126	8079477	2360	CH1		6.00	7.00	1.00	0.85	0.003	4.80	0.11	1	484
18100	335125	8079478	2360	CH1		7.00	8.00	1.00	0.85	0.003	4.00	0.09	1	437
18102	335125	8079478	2360	CH1		8.00	9.00	1.00	0.85	0.003	3.20	0.07	1	442
18103	335123	8079479	2360	CH1		9.00	11.00	2.00	1.70	0.003	0.70	0.03	1	149
18104	335121	8079479	2360	CH1		11.00	13.00	2.00	1.70	0.003	0.70	0.01	1	104
18105	335119	8079480	2360	CH1		13.00	15.00	2.00	1.70	0.003	0.90	0.01	1	142
18106	335117	8079480	2360	CH1		15.00	17.00	2.00	1.70	0.003	0.90	0.02	1	219
18107	335116	8079480	2360	CH1		17.00	18.00	1.00	0.85	0.003	0.80	0.02	1	293
18108	335115	8079479	2360	CH1		18.00	19.00	1.00	0.85	0.003	0.80	0.02	1	232
18109	335114	8079479	2360	CH1		19.00	20.00	1.00	0.85	0.003	1.00	0.02	1	97
18110	335113	8079479	2360	CH1		20.00	21.00	1.00	0.85	0.003	1.70	0.20	1	212

18111	335112 8079479 2360 CH1	21.00 22.00 1.00	0.85	0.003 3.00	0.23 1	65
18112	335111 8079480 2360 CH1	22.00 23.00 1.00	0.85	0.036 5.50	1.86 1	72
18113	335110 8079479 2360 CH1	23.00 24.00 1.00	0.85	0.011 3.40	0.88 1	39
18114	335109 8079479 2360 CH1	24.00 25.00 1.00	0.85	0.009 3.20	0.43 1	113
18115	335108 8079479 2360 CH1	25.00 26.00 1.00	0.85	0.017 4.40	0.84 1	84
18116	335107 8079479 2360 CH1	26.00 27.00 1.00	0.85	0.007 3.00	0.66 1	121
18117	335106 8079479 2360 CH1	27.00 28.00 1.00	0.85	0.003 2.00	0.06 1	311
18118	335105 8079479 2360 CH1	28.00 29.00 1.00	0.85	0.003 3.80	0.06 1	108
18119	335105 8079479 2360 CH1	29.00 30.00 1.00	0.85	0.003 2.00	0.03 1	71
18121	335104 8079478 2360 CH1	30.00 31.00 1.00	0.85	0.003 2.00	0.19 1	150
18122	335103 8079479 2360 CH1	31.00 32.00 1.00	0.85	0.037 5.50	4.33 1	524
18123	335102 8079479 2360 CH1	32.00 33.00 1.00	0.85	0.032 3.60	1.40 1	65
18124	335101 8079480 2360 CH1	33.00 34.00 1.00	0.85	0.061 6.40	2.04 1	59
18125	335100 8079480 2360 CH1	34.00 35.00 1.00	0.85	0.153 5.00	3.91 1	72
18126	335099 8079480 2360 CH1	35.00 36.00 1.00	0.85	0.006 2.20	0.27 1	75
18127	335098 8079481 2360 CH1	36.00 37.00 1.00	0.85	0.003 1.30	0.07 1	57
18128	335097 8079481 2360 CH1	37.00 38.00 1.00	0.85	0.003 1.80	0.05 1	46
18129	335096 8079482 2360 CH1	38.00 39.00 1.00	0.85	0.008 1.70	0.05 1	49
18130	335095 8079482 2360 CH1	39.00 40.00 1.00	0.85	0.078 6.20	2.77 1	29
18131	335095 8079483 2360 CH1	40.00 41.00 1.00	0.85	0.009 2.30	0.02 1	43
18132	335094 8079484 2360 CH1	41.00 42.00 1.00	0.85	0.007 2.30	0.03 1	99
18133	335093 8079484 2360 CH1	42.00 43.00 1.00	0.85	0.101 3.30	1.55 1	51
18134	335092 8079484 2360 CH1	43.00 44.00 1.00	0.85	0.006 4.10	0.06 1	142
18135	335091 8079484 2360 CH1	44.00 45.00 1.00	0.85	0.035 4.70	0.97 1	46
18136	335090 8079485 2360 CH1	45.00 45.50 0.50	0.43	0.003 0.80	0.07 1	31
18137	335090 8079485 2360 CH1	45.50 46.50 1.00	0.85	0.012 2.70	0.11 1	26
18138	335089 8079486 2360 CH1	46.50 47.50 1.00	0.85	0.027 12.30	1.06 1	15
18139	335088 8079486 2360 CH1	47.50 48.50 1.00	0.85	0.003 1.40	0.03 1	36
18140	335087 8079486 2360 CH1	48.50 49.50 1.00	0.85	0.003 0.90	0.01 1	66
18142	335086 8079487 2360 CH1	49.50 50.50 1.00	0.85	0.003 1.10	0.01 1	194
18143	335085 8079487 2360 CH1	50.50 51.50 1.00	0.85	0.003 0.80	0.01 1	690
18144	335084 8079487 2360 CH1	51.50 52.50 1.00	0.85	0.003 1.10	0.03 1	2160
18145	335083 8079488 2360 CH1	52.50 53.50 1.00	0.85	0.003 1.00	0.01 2	1675
18146	335083 8079488 2360 CH1	53.50 54.50 1.00	0.85	0.003 1.80	0.02 2	2090
18147	335081 8079489 2360 CH1	54.50 56.50 2.00	1.70	0.003 1.10	0.01 1	1045
18148	335080 8079490 2360 CH1	56.50 58.50 2.00	1.70	0.003 0.80	0.01 1	671
18149	335078 8079491 2360 CH1	58.50 60.50 2.00	1.70	0.003 0.80	0.01 2	217
18150	335076 8079492 2360 CH1	60.50 62.50 2.00	1.70	0.003 0.60	0.01 1	99
18151	335075 8079493 2360 CH1	62.50 64.50 2.00	1.70	0.003 0.60	0.01 1	95
18152	335073 8079494 2360 CH1	64.50 66.50 2.00	1.70	0.003 0.50	0.00 1	58
18153	335072 8079495 2360 CH1	66.50 68.50 2.00	1.70	0.003 0.50	0.01 1	40
18154	335071 8079497 2360 CH1	68.50 69.50 1.00	0.85	0.005 0.90	0.04 1	162
18155	335070 8079498 2360 CH1	69.50 70.50 1.00	0.85	0.003 0.25	0.02 1	268
18156	335070 8079499 2360 CH1	70.50 72.50 2.00	1.70	0.003 0.25	0.00 1	44
18157	335069 8079501 2360 CH1	72.50 74.50 2.00	1.70	0.003 0.25	0.01 1	47
18158	335068 8079502 2360 CH1	74.50 76.50 2.00	1.70	0.003 0.70	0.02 1	87
18159	335067 8079504 2360 CH1	76.50 78.50 2.00	1.70	0.003 0.70	0.03 1	534
18161	335067 8079506 2360 CH1	78.50 80.50 2.00	1.70	0.003 0.80	0.03 1	436
18162	335066 8079508 2360 CH1	80.50 82.50 2.00	1.70	0.003 0.80	0.02 1	211
18163	335066 8079510 2360 CH1	82.50 84.50 2.00	1.70	0.003 0.70	0.02 1	45
18164	335065 8079512 2360 CH1	84.50 86.50 2.00	1.70	0.003 0.25	0.01 1	31
18165	335064 8079514 2360 CH1	86.50 88.50 2.00	1.70	0.003 0.25	0.01 1	64
18166	335063 8079515 2360 CH1	88.50 90.50 2.00	1.70	0.003 0.25	0.03 1	163
18173	335154 8079540 2350 CH2	0.00 2.00 2.00	1.73	0.003 0.70	0.01 1	62
18174	335153 8079542 2350 CH2	2.00 4.00 2.00	1.73	0.003 0.50	0.02 1	134
18175	335152 8079544 2350 CH2	4.00 6.00 2.00	1.73	0.003 0.25	0.01 1	41
18176	335151 8079545 2350 CH2	6.00 8.00 2.00	1.73	0.003 0.70	0.03 1	47
18177	335150 8079547 2350 CH2	8.00 10.00 2.00	1.73	0.005 2.60	0.05 1	47

18178	335149 8079549 2350 CH2	10.00 12.00 2.00	1.73	0.005 3.20	0.27 1	93
18179	335147 8079550 2350 CH2	12.00 14.00 2.00	1.73	0.003 0.60	0.01 1	107
18181	335146 8079551 2350 CH2	14.00 16.00 2.00	1.73	0.003 1.20	0.03 1	89
18182	335144 8079553 2350 CH2	16.00 18.00 2.00	1.73	0.003 0.25	0.01 1	36
18183	335144 8079555 2350 CH2	18.00 20.00 2.00	1.73	0.003 0.70	0.01 1	40
18184	335142 8079556 2350 CH2	20.00 22.00 2.00	1.73	0.003 2.10	0.03 1	13
18185	335142 8079557 2350 CH2	22.00 22.40 0.40	0.35	0.005 10.60	0.72 1	31
18186	335141 8079558 2350 CH2	22.40 24.40 2.00	1.73	0.003 3.70	0.38 1	129
18187	335140 8079560 2350 CH2	24.40 26.40 2.00	1.73	0.003 0.25	0.01 1	42
18188	335139 8079561 2350 CH2	26.40 28.40 2.00	1.73	0.003 0.25	0.01 1	34
18189	335138 8079563 2350 CH2	28.40 30.40 2.00	1.73	0.005 0.25	0.01 1	20
18190	335137 8079565 2350 CH2	30.40 32.40 2.00	1.73	0.003 0.60	0.02 1	14
18191	335135 8079565 2350 CH2	32.40 34.40 2.00	1.73	0.003 0.25	0.00 1	5
18192	335133 8079565 2350 CH2	34.40 36.40 2.00	1.73	0.003 0.25	0.00 1	1
18193	335131 8079564 2350 CH2 End Channel Sample	36.40 38.40 2.00	1.73	0.003 0.70	0.01 1	3
18194	335118 8079562 2350 CH2A Start Channel Sample	0.00 2.00 2.00	1.70	0.003 0.25	0.02 1	35
18195	335116 8079563 2350 CH2A	2.00 4.00 2.00	1.70	0.003 0.50	0.01 1	88
18196	335115 8079565 2350 CH2A	4.00 6.00 2.00	1.70	0.003 0.70	0.01 1	47
18197	335114 8079566 2350 CH2A	6.00 8.00 2.00	1.70	0.003 0.25	0.00 1	87
18198	335112 8079567 2350 CH2A	8.00 10.00 2.00	1.70	0.003 0.25	0.02 1	44
18199	335110 8079568 2350 CH2A End Channel Sample	10.00 12.00 2.00	1.70	0.003 0.25	0.01 1	17
18200	335141 8079518 2355 CH3 Start Channel Sample	0.00 2.00 2.00	1.65	0.021 2.80	1.73 1	136
18202	335140 8079519 2355 CH3	2.00 4.00 2.00	1.65	0.003 2.80	0.02 1	45
18203	335139 8079520 2355 CH3	4.00 4.25 0.25	0.21	0.077 5.10	4.73 1	54
18204	335138 8079521 2355 CH3	4.25 6.25 2.00	1.65	0.005 3.40	0.43 1	46
18205	335138 8079522 2355 CH3	6.25 6.50 0.25	0.21	0.017 9.50	4.35 1	71
18206	335137 8079523 2355 CH3 End Channel Sample	6.50 8.50 2.00	1.65	0.005 3.10	0.17 1	16
18207	335122 8079512 2360 CH4 Start Channel Sample	0.00 1.50 1.50	1.23	0.003 0.90	0.02 1	96
18208	335122 8079513 2360 CH4	1.50 3.00 1.50	1.23	0.005 3.10	0.65 1	127
18209	335121 8079514 2360 CH4	3.00 4.00 1.00	0.82	0.013 4.70	1.41 1	94
18210	335120 8079515 2360 CH4 End Channel Sample	4.00 5.50 1.50	1.23	0.025 3.40	2.18 1	182
18240	337396 8079489 2277 CH5 Start Channel Sample	0.00 0.20 0.20	0.20	0.695 91.60	0.50 157	6670
18242	337395 8079487 2276 CH5 End Channel Sample	0.00 1.00 1.00	1.00	0.663 294.00	1.35 83	1105
18339	335634 8079449 2318 CH6 Start Channel Sample	0.00 2.00 2.00	1.77	0.005 1.00	0.15 1	104
18341	335636 8079448 2318 CH6	2.00 4.00 2.00	1.77	0.036 1.00	1.74 1	144
18342	335637 8079447 2318 CH6	4.00 6.00 2.00	1.77	0.003 0.80	0.01 1	67
18343	335639 8079446 2318 CH6	6.00 8.00 2.00	1.77	0.003 0.80	0.01 1	56
18344	335641 8079446 2318 CH6	8.00 10.00 2.00	1.77	0.005 2.00	0.32 2	2110
18345	335643 8079446 2318 CH6	10.00 11.00 1.00	0.89	0.092 4.50	2.23 4	2920
18346	335644 8079446 2318 CH6	11.00 12.00 1.00	0.89	0.035 1.40	0.78 1	1540
18347	335645 8079446 2318 CH6	12.00 13.00 1.00	0.89	0.026 2.30	0.31 1	547
18348	335646 8079446 2318 CH6	13.00 14.00 1.00	0.89	0.003 1.30	0.01 1	120
18349	335647 8079445 2318 CH6	14.00 15.00 1.00	0.89	0.009 6.10	0.28 1	236
18350	335648 8079445 2318 CH6	15.00 16.00 1.00	0.89	0.010 6.70	0.21 1	100
18351	335648 8079446 2318 CH6	16.00 17.00 1.00	0.89	0.029 4.40	0.96 1	157
18352	335649 8079446 2318 CH6	17.00 18.00 1.00	0.89	0.017 3.30	0.19 1	91
18353	335650 8079446 2318 CH6	18.00 19.00 1.00	0.89	0.025 4.30	0.45 1	97
18354	335651 8079446 2318 CH6	19.00 20.00 1.00	0.89	0.003 2.10	0.05 1	62
18355	335652 8079447 2318 CH6	20.00 21.00 1.00	0.89	0.003 1.60	0.02 1	94
18356	335653 8079447 2318 CH6	21.00 22.00 1.00	0.89	0.011 2.50	0.19 1	236
18357	335654 8079448 2318 CH6	22.00 23.00 1.00	0.89	0.119 3.10	1.48 1	530
18358	335654 8079449 2318 CH6	23.00 24.00 1.00	0.89	0.006 1.90	0.24 1	322
18359	335655 8079449 2318 CH6	24.00 25.00 1.00	0.89	0.007 2.80	0.44 1	470
18361	335656 8079450 2318 CH6	25.00 26.00 1.00	0.89	0.013 3.10	0.97 1	478
18362	335656 8079451 2318 CH6	26.00 27.00 1.00	0.89	0.012 2.00	0.49 1	148
18363	335658 8079452 2318 CH6	27.00 29.00 2.00	1.77	0.003 0.50	0.01 1	69
18364	335659 8079453 2318 CH6	29.00 31.00 2.00	1.77	0.003 0.25	0.01 1	42

18365	335661	8079454	2318	CH6		31.00	33.00	2.00	1.77	0.003	0.25	0.01	1	23
18366	335663	8079455	2318	CH6	End Channel Sample	33.00	35.00	2.00	1.77	0.003	0.25	0.00	1	55
18367	335699	8079710	2260	CH7	Start Channel Sample	0.00	0.70	0.70	0.70	0.003	0.25	0.01	1	46
18368	335699	8079711	2260	CH7		0.70	1.80	1.10	1.10	0.141	8.20	2.89	1	823
18369	335698	8079712	2260	CH7		1.80	2.90	1.10	1.10	0.535	25.20	8.70	1	283
18370	335698	8079713	2260	CH7	End Channel Sample	2.90	3.50	0.60	0.60	0.003	5.90	0.03	1	103
18371	335727	8079710	2279	CH8	Start Channel Sample	0.00	2.00	2.00	2.00	0.003	0.25	0.02	1	144
18372	335727	8079705	2279	CH8		2.00	4.00	2.00	2.00	0.003	0.25	0.03	1	44
18373	335727	8079709	2279	CH8		4.00	5.50	1.50	1.50	0.008	0.80	0.12	1	61
18374	335727	8079711	2279	CH8		5.50	6.50	1.00	1.00	0.027	4.90	0.80	1	246
18375	335727	8079707	2279	CH8	End Channel Sample	6.50	8.00	1.50	1.50	0.003	0.25	0.02	1	35
18376	335750	8079686	2267	CH9	Start Channel Sample	0.00	2.00	2.00	2.00	0.003	1.50	0.01	1	47
18377	335749	8079687	2267	CH9		2.00	3.50	1.50	1.50	0.342	8.40	0.65	1	121
18378	335748	8079688	2267	CH9		3.50	4.50	1.00	1.00	0.124	14.20	1.12	1	160
18379	335747	8079689	2267	CH9		4.50	5.50	1.00	1.00	0.021	7.80	0.31	1	99
18381	335746	8079690	2267	CH9		5.50	6.50	1.00	1.00	0.039	8.10	0.32	1	354
18382	335746	8079690	2267	CH9		6.50	7.50	1.00	1.00	0.048	6.20	0.25	1	216
18383	335745	8079691	2267	CH9	End Channel Sample	7.50	8.50	1.00	1.00	0.046	5.20	0.45	1	122
18384	335754	8079657	2270	CH10	Start Channel Sample	0.00	2.00	2.00	2.00	0.010	3.10	0.13	1	438
18385	335753	8079658	2270	CH10		2.00	4.00	2.00	2.00	0.003	7.20	0.02	1	808
18386	335751	8079659	2270	CH10		4.00	6.00	2.00	2.00	0.031	3.50	0.10	1	615
18387	335749	8079660	2270	CH10	End Channel Sample	6.00	8.00	2.00	2.00	0.003	2.00	0.01	1	68

APPENDIX 1

Table 4 Cinto Rock Sample Geochemical Assay Results

Sample Number	East Coord	North Coord	Elevation	Au ppm	Ag ppm	Cu %	Mo ppm	Pb ppm	Zn ppm
18001	335743	8081059	2323	0.003	0.25	0.001	0.5	15	81
18002	335693	8080995	2296	0.003	0.25	0.001	0.5	8	9
18003	335416	8080766	2466	0.003	0.25	0.001	2	4	12
18004	335522	8080930	2512	0.015	0.5	0.002	146	210	20
18005	335393	8080772	2561	0.003	0.25	0.002	1	14	117
18006	335272	8080633	2399	0.003	0.25	0.002	2	11	27
18007	335138	8080492	2521	0.003	0.25	0.002	0.5	18	64
18008	335010	8080349	2494	0.003	0.25	0.002	1	16	35
18009	334880	8080184	2492	0.003	0.25	0.002	3	9	42
18010	334732	8080008	2439	0.003	0.25	0.002	2	20	28
18011	334632	8079876	2431	0.003	0.25	0.002	1	19	102
18012	334627	8079817	2450	0.003	0.25	0.003	3	3	13
18013	334481	8079741	2320	0.003	0.25	0.003	1	18	65
18014	334364	8079568	2288	0.003	0.25	0.003	1	16	65
18015	334271	8079436	2473	0.003	0.25	0.003	0.5	11	66
18016	334114	8079254	2456	0.003	0.25	0.003	1	27	87
18017	334007	8079144	2476	0.003	0.25	0.003	1	22	101
18018	334113	8079047	2457	0.003	0.25	0.003	0.5	14	112
18019	334252	8079170	2377	0.003	0.25	0.003	0.5	10	121
18020	334391	8079288	2518	0.003	0.25	0.003	1	16	79
18022	334525	8079415	2443	0.003	0.25	0.003	1	15	65
18023	334517	8079445	2382	0.003	0.25	0.003	1	24	82
18024	334628	8079602	2437	0.003	0.25	0.004	1	38	100
18025	334731	8079754	2483	0.003	0.25	0.004	0.5	6	41
18026	334889	8079906	2360	0.003	0.25	0.004	0.5	38	154
18027	334797	8080021	2460	0.003	0.25	0.004	27	14	22

18028	335048 8080077 2487	0.003	0.25	0.004 0.5	18	87
18029	335191 8080217 2476	0.003	0.25	0.004 0.5	10	96
18030	335342 8080361 2459	0.003	0.25	0.004 3	18	26
18031	335360 8080396 2295	0.003	0.25	0.005 0.5	11	82
18032	335429 8080556 2567	0.003	0.25	0.005 3	40	82
18033	335540 8080661 2430	0.003	0.25	0.005 0.5	15	99
18034	335683 8080796 2472	0.003	0.25	0.005 1	19	62
18035	335816 8080939 2498	0.003	0.25	0.005 0.5	11	71
18036	335618 8080633 2614	0.003	0.25	0.005 1	11	85
18037	335955 8080852 2349	0.003	0.25	0.005 1	203	133
18038	335851 8080686 2435	0.003	0.25	0.005 2	15	61
18039	335695 8080562 2510	0.003	0.25	0.005 3	7	64
18041	335590 8080386 2373	0.003	0.25	0.006 0.5	24	73
18042	335439 8080217 2410	0.003	0.25	0.006 1	17	92
18043	335306 8080084 2427	0.003	0.25	0.006 1	41	172
18044	335165 8079900 2510	0.003	0.25	0.006 0.5	21	158
18045	335035 8079778 2670	0.503	0.25	0.007 2	19	115
18046	334945 8079631 2496	0.003	0.25	0.007 1	26	54
18047	334774 8079462 2429	0.494	0.25	0.007 3	5	118
18048	334648 8079339 2429	0.003	0.25	0.007 3	11	11
18049	334524 8079162 2608	0.003	0.25	0.007 4	6	25
18050	334406 8079013 2446	0.003	0.25	0.008 0.5	15	109
18051	334306 8078810 2513	0.003	0.25	0.008 0.5	31	110
18052	334407 8078773 2375	0.003	0.25	0.008 1	21	111
18053	334559 8078877 2453	0.003	0.25	0.009 0.5	118	176
18054	334690 8078981 2476	0.003	0.25	0.009 1	14	81
18055	334814 8079180 2567	0.003	0.25	0.009 8	6	30
18056	334931 8079344 2475	0.003	0.25	0.009 1	10	80
18057	335922 8080561 2445	0.003	0.25	0.01 2	12	69
18058	335839 8080423 2554	0.003	0.25	0.01 2	13	112
18059	335724 8080241 2400	0.003	0.25	0.01 1	11	58
18060	335552 8080088 2403	0.003	0.25	0.01 0.5	17	169
18061	335552 8080088 2466	0.003	0.25	0.011 0.5	11	57
18062	335476 8079939 2399	0.003	0.25	0.011 1	9	86
18063	335335 8079753 2487	0.003	0.25	0.011 1	28	110
18064	334580 8078593 2477	0.005	0.25	0.011 1	16	96
18065	334716 8078747 2487	0.003	0.25	0.012 1	25	98
18066	334832 8079910 2511	0.003	0.25	0.012 1	8	87
18067	334994 8079050 2738	0.003	0.25	0.013 1	24	72
18068	334287 8079489 2653	0.003	0.25	0.016 3	18	98
18069	335203 8079640 2680	0.003	0.25	0.016 3	13	70
18070	334674 8079308 2610	0.005	0.25	0.016 9	107	147
18071	335072 8079182 2390	0.003	0.25	0.018 1	14	101
18072	335226 8079357 2418	0.003	0.25	0.018 2	13	96
18073	335357 8079505 2390	0.003	0.25	0.019 1	14	113
18074	335475 8079654 2545	0.003	0.25	0.019 0.5	12	107
18075	335631 8079800 2726	0.003	0.25	0.019 2	18	98
18076	335745 8079964 2507	0.003	0.25	0.02 1	14	91
18077	335871 8080110 2738	0.003	0.25	0.02 1	12	83
18078	335421 8080898 2541	0.003	0.25	0.021 2	20	98
18079	335323 8080910 2507	0.003	0.25	0.021 2	10	91
18081	335222 8079648 2458	0.003	0.25	0.043 2	11	100
18082	332909 8077932 2345	0.003	0.25	0.001 0.5	11	19
18083	332914 8077833 2330	0.003	0.25	0.001 0.5	12	21
18084	333000 8077617 2250	0.008	0.25	0.002 1	5	27
18085	335781 8079778 2259	0.01	1.1	0.131 0.5	67	247
18086	335312 8080109 2378	0.017	2.4	0.519 2	25	108
18087	335370 8080093 2379	0.003	0.25	0.003 0.5	31	84

18088	335378 8080079 2400	0.003	0.25	0.015 1	17	70
18089	335464 8080000 2365	0.003	0.25	0.007 0.5	19	73
18090	335092 8079956 2419	0.003	0.25	0.181 1	110	456
18091	335069 8079973 2469	0.003	0.25	0.003 0.5	24	86
18092	335641 8079888 2398	0.022	2	0.742 1	26	73
18093	335688 8079782 2351	0.003	0.25	0.001 1	16	49
18094	335533 8079702 2402	0.003	0.25	0.001 1	28	57
18167	335058 8079520 2360	0.003	0.25	0.005 0.5	51	101
18168	335058 8079520 2360	0.003	0.25	0.004 0.5	47	175
18169	335054 8079521 2360	0.003	0.25	0.014 0.5	81	309
18170	335053 8079521 2360	0.003	0.25	0.007 0.5	62	256
18171	335049 8079520 2360	0.003	0.25	0 1	44	250
18172	335048 8079520 2360	0.003	0.25	0 0.5	39	243
18211	336036 8079982 2302	0.005	0.25	0.019 0.5	13	122
18212	336679 8079999 2414	0.005	0.25	0.013 1	12	46
18213	336818 8079994 2460	0.003	0.25	0.011 1	15	41
18214	337082 8079908 2490	0.005	0.25	0.013 1	17	68
18215	337086 8079996 2500	0.003	0.25	0.019 2	17	103
18216	337342 8079997 2380	0.003	0.25	0.017 1	17	87
18217	337614 8080020 2370	0.009	3.3	0.102 1	1910	7770
18218	337706 8079708 2330	0.006	3.3	0.636 4	18	127
18219	335015 8079447 2428	0.003	0.7	0.015 1	462	255
18221	337218 8079841 2460	0.145	17.1	0.03 1	1580	671
18222	337257 8079883 2410	0.003	0.25	0.016 3	21	53
18223	337837 8079403 2071	0.006	0.25	0.014 5	97	91
18224	336389 8079870 2379	0.023	0.25	0.035 0.5	78	273
18225	336664 8079841 2393	0.003	0.25	0.018 1	11	86
18226	336425 8079534 2269	0.003	0.25	0.018 0.5	17	104
18227	336405 8079481 2254	0.003	0.25	0.005 1	6	33
18228	337198 8079725 2402	0.003	13.4	0.018 1	11	80
18229	337501 8079797 2277	0.009	0.25	0.014 2	9	61
18230	337317 8079686 2337	0.005	2.8	0.038 1	4620	2330
18231	337479 8079845 2310	0.003	0.25	0.03 2	25	72
18232	337615 8079691 2246	0.003	0.25	0.017 2	26	88
18233	337724 8079531 2181	0.003	0.25	0.014 1	14	88
18234	336165 8079238 2206	0.003	0.25	0.013 1	24	52
18235	336237 8079206 2151	0.007	0.25	0.024 0.5	8	88
18236	336307 8079117 2157	0.005	0.25	0.024 0.5	7	99
18237	336085 8079392 2211	0.012	1	0.188 2	260	262
18238	337432 8079262 2263	0.003	0.25	0.013 1	16	87
18239	337479 8079231 2253	0.003	0.5	0.01 1	18	86
18244	337399 8079369 2267	0.003	16.4	0.034 21	2130	300
18245	336960 8079540 2331	0.003	0.25	0.017 1	66	96
18246	336938 8079542 2329	0.003	0.25	0.016 1	42	90
18247	336823 8079383 2244	0.003	0.25	0.015 1	32	87
18248	336735 8079410 2241	0.003	0.25	0.015 1	20	83
18249	336694 8079224 2137	0.003	0.25	0.016 1	27	95
18250	337227 8079544 2387	0.003	0.25	0.018 2	22	89
18251	337399 8079377 2263	0.024	17.8	0.307 1	955	5380
18252	336465 8079471 2230	0.003	0.25	0.002 0.5	57	87
18253	337399 8079404 2255	0.173	303	0.364 9	29500	2570
18254	337401 8079403 2254	0.023	11.4	0.056 11	4100	2610
18255	337399 8079377 2263	0.308	201	0.588 216	42800	23900
18256	337404 8079375 2262	0.215	34.3	0.06 23	5400	7120
18257	337406 8079375 2260	0.009	13.1	0.048 2	1380	2530
18258	337409 8079375 2259	0.003	1.4	0.489 3	41	102
18259	337837 8079403 2086	0.007	0.25	0.014 6	139	117
18261	337282 8079596 2369	0.003	0.25	0.068 6	312	418

18262	337381 8079605 2322	0.093	90.8	0.212 8	16350	5860
18263	337481 8079545 2280	0.003	0.25	0.019 1	40	101
18264	337460 8079502 2262	0.008	1.2	0.027 1	268	459
18265	337407 8079496 2277	0.119	136	0.389 9	87200	1140
18266	337397 8079446 2257	1.985	232	1.06 83	100500	26100
18267	337413 8079337 2267	0.203	168	1.22 7	43500	8800
18268	335901 8079535 2200	0.003	0.7	0.036 0.5	135	416
18269	335778 8079692 2245	0.003	0.25	0.026 1	49	119
18270	336959 8079836 2419	0.003	0.25	0.016 2	23	110
18271	336835 8079674 2317	0.003	0.25	0.014 2	42	96
18272	336542 8079704 2248	0.003	0.25	0.012 1	23	91
18273	336090 8079544 2251	0.003	0.25	0.017 1	16	98
18274	337750 8079607 2193	0.003	0.25	0.016 1	19	78
18275	336558 8079086 2124	0.005	0.25	0.02 1	25	103
18276	336441 8079224 2129	0.003	0.25	0.028 1	24	99
18277	336567 8079369 2176	0.003	0.25	0.016 1	27	135
18278	336305 8079402 2189	0.003	0.25	0.032 1	16	109
18279	336055 8079434 2170	0.006	0.6	0.03 3	29	138
18280	336086 8079279 2136	0.003	0.25	0.022 1	17	120
18282	335913 8079208 2161	0.003	0.7	0.019 1	198	523
18283	336020 8079064 2175	0.003	0.25	0.026 1	14	114
18284	336839 8079090 2077	0.003	0.25	0.009 1	14	97
18285	335601 8079645 2330	0.003	0.25	0.003 0.5	39	101
18286	335634 8079541 2316	0.003	0.25	0.002 1	90	173
18287	335473 8079534 2307	0.003	0.25	0.003 0.5	15	140
18288	335516 8079392 2259	0.003	0.25	0.019 1	21	172
18289	335796 8079103 2203	0.003	0.25	0.008 2	18	78
18290	335751 8079404 2283	0.003	0.25	0.009 3	33	128
18291	335646 8079234 2232	0.003	0.25	0.021 1	14	106
18292	335781 8079223 2195	0.007	0.25	0.226 1	8	73
18293	335981 8079461 2167	1.175	1.4	1.115 13	16	328
18294	335567 8079481 2283	0.017	2.2	0.886 2	22	79
18295	335573 8079381 2248	0.012	0.25	0.689 1	22	95
18296	334669 8079194 2491	0.003	0.25	0.006 6	19	45
18297	334697 8079165 2494	0.003	0.25	0.005 1	6	40
18298	335095 8079112 2435	0.005	0.25	0.003 2	122	37
18299	334810 8079337 2478	0.003	0.25	0.004 0.5	10	51
18301	335177 8080251 2437	0.003	0.25	0.009 0.5	9	83
18302	335213 8079191 2385	0.003	0.25	0.004 4	8	75
18303	335245 8079077 2389	0.003	0.25	0.01 1	23	88
18304	335518 8079062 2335	0.003	0.25	0.004 0.5	8	25
18305	335372 8079222 2326	0.003	0.25	0.004 0.5	16	64
18306	335623 8080275 2382	0.003	0.25	0.006 1	9	69
18307	335987 8080548 2546	0.003	0.25	0.022 2	11	96
18308	335978 8080757 2594	0.003	0.25	0.021 1	9	92
18309	335731 8080423 2390	0.003	0.25	0.007 1	13	97
18310	335069 8079068 2432	0.003	0.25	0.001 0.5	1	29
18311	335453 8080121 2364	0.003	0.9	0.012 3	1160	168
18312	335315 8079985 2364	0.003	0.25	0.002 0.5	56	157
18313	335243 8079922 2383	0.003	0.25	0.006 0.5	29	105
18314	335082 8079806 2430	0.003	0.25	0.008 0.5	16	113
18315	335208 8079780 2411	0.003	0.25	0.009 0.5	18	174
18316	335344 8079872 2400	0.003	0.25	0.007 0.5	11	98
18317	335593 8079963 2307	0.003	0.25	0.018 1	13	101
18318	335726 8080099 2354	0.003	0.25	0.007 1	28	149
18319	335344 8080262 2406	0.005	0.25	0.005 8	6	27
18320	334539 8079819 2510	0.003	0.25	0.002 0.5	16	82
18322	334404 8079645 2471	0.003	0.25	0.003 0.5	39	110

18323	33416080793642510	0.003	0.25	0.009 1	43	97
18324	33376280790442587	0.026	0.25	0.001 1	28	66
18325	33403180793542515	0.003	0.25	0.011 1	30	119
18326	33418080794932463	0.003	0.25	0.002 1	11	93
18327	33427480796542475	0.003	0.25	0.003 1	33	130
18328	33373080793402505	0.003	0.25	0.013 1	15	81
18329	33364980791862521	0.003	0.25	0.007 1	79	338
18330	33351980790272547	0.003	0.25	0.002 1	8	117
18331	33337280788792525	0.005	0.25	0.002 1	45	30
18332	33338080787512484	0.003	0.25	0.001 1	14	73
18333	33349180789102533	0.003	0.25	0.003 1	15	84
18334	33362480790412580	0.003	0.25	0.001 1	5	65
18335	33389680794792496	0.003	0.25	0.011 1	12	103
18336	33579680796542280	0.065	0.5	1.135 6	31	109
18337	33570480795502323	0.883	2.1	8.31 9	51	194
18338	33578180795792272	0.005	0.5	0.139 1	21	137
18388	33696480792312192	0.003	0.25	0.015 1	13	73
18389	33710380794012314	0.003	0.25	0.016 1	14	80
18390	33719380793902315	0.003	0.5	0.775 2	21	75
18391	33724180792562258	0.003	0.25	0.015 2	14	91
18392	33707980791032153	0.005	0.25	0.017 1	18	89
18393	33741980794392245	0.003	0.7	0.018 1	136	439
18394	33743980794232242	0.017	1.8	0.019 1	852	1420
18395	33747180793992231	0.108	54.3	0.325 3	2860	7000
18396	33750680793852221	0.003	0.25	0.021 1	130	283
18397	33759780793812181	0.003	0.25	0.016 1	99	608
18398	33777080793782090	0.007	0.8	0.047 3	516	1730
18399	33781780793932073	0.005	1	0.435 3	28	93
18400	33785980793912063	0.003	0.25	0.017 1	10	84
18402	33625580792392122	0.005	0.25	0.107 1	8	70
18403	33615080793572174	0.003	0.25	1.135 2	102	382
18404	33613280792882140	0.094	11.3	0.476 1	343	209
18405	33591480795342117	0.04	0.7	0.312 4	16	88
18406	33569880794052315	0.005	0.25	0.544 3	16	121
18407	33771080798332287	0.007	0.25	0.014 1	67	220
18408	33772680796862219	0.003	0.25	0.022 1	42	170
18409	33788780795562131	0.003	0.7	0.235 3	15	110
18410	33796480794532112	0.012	0.5	0.222 3	19	71
18411	33794880796192099	0.003	0.25	0.01 2	62	126
18412	33565880798802286	0.009	2.9	0.562 2	31	76
18413	33619080792992146	0.017	0.5	0.761 7	16	157
18414	33452280789852416	0.015	13.1	2.08 1	30	95
18415	33625180792272160	0.003	0.25	0.022 1	10	86
18416	33482580803992422	0.003	0.25	0.021 2	26	106
18417	33456480800572494	0.003	0.25	0.007 1	26	125
18418	33442380799732468	0.003	0.25	0.004 1	15	65
18419	33429180797972468	0.003	0.25	0.004 1	17	83
18421	33414680796422456	0.003	0.25	0.006 2	13	80
18422	33402780794982456	0.003	0.25	0.005 1	10	74
18423	33442580797992476	0.003	0.25	0.002 1	15	81
18424	33415080799542412	0.003	0.25	0.006 2	28	125
18425	33401080798192392	0.003	0.25	0.004 1	8	71
18426	33390180796482408	0.003	0.25	0.007 3	4	53
18427	33376580794822494	0.003	0.25	0.011 1	12	83
18428	33365980793042486	0.003	0.25	0.006 2	14	58
18429	33348980791482525	0.003	0.25	0.001 2	33	79
18430	33338780790072532	0.003	0.25	0.003 1	19	57
18431	33473980788832420	0.003	0.25	0.002 1	3	21

18432	33312480787542491	0.003	0.25	0	1	13	20
18433	33296780786242480	0.003	0.25	0	1	12	20
18434	33291980784212458	0.003	0.25	0.002	1	18	36
18435	33410080801892369	0.003	0.25	0.003	1	27	128
18436	33390080799652355	0.003	0.25	0.001	5	9	15
18437	33337780793682416	0.003	0.25	0.012	3	54	166
18438	33322480791732380	0.003	0.25	0.003	1	13	63
18439	33310880790262418	0.003	0.25	0.001	1	8	71
18440	33297680788632415	0.003	0.25	0.001	1	64	132
18442	33480280786562395	0.005	0.5	0.01	4	45	81
18443	33481980786252395	0.009	0.25	0.011	4	21	41
18444	33478480786142383	0.003	0.25	0.011	17	19	26
18445	33296480792462322	0.006	0.25	0.002	1	11	45
18446	33327780795162322	0.003	0.25	0.014	1	16	90
18447	33327780795162322	0.005	0.25	0.011	1	17	98
18448	33353680798322324	0.003	0.25	0.004	1	13	93
18449	33270680788882363	0.003	0.25	0.001	1	46	89
18450	33259880787132341	0.003	0.25	0	1	35	69
18451	33248180785622359	0.003	0.25	0	1	30	44
18452	33362880791462529	0.006	0.25	0.188	2	33	87
18453	33234380784212321	0.005	0.25	0.001	1	18	17
18454	33222780782852777	0.005	0.25	0.001	1	13	50
18455	33244680782592361	0.003	0.25	0.001	1	11	32
18456	33260380784202382	0.003	0.25	0	1	17	70
18457	33271780785702421	0.005	0.25	0.001	1	21	37
18458	33284280787652439	0.003	0.25	0.001	2	22	46
18459	33363180787102439	0.003	0.25	0.001	1	21	45
18461	33351480785712392	0.003	0.25	0.005	1	10	70
18462	33334180784472370	0.003	0.8	0.002	5	12	13
18463	33323280782732388	0.003	0.25	0.004	2	11	67
18464	33298480782902409	0.003	0.25	0	8	7	15
18465	33313080784462421	0.003	0.25	0.004	1	13	76
18466	33324780785902414	0.003	0.25	0.006	2	16	62
18467	33344280786762444	0.003	0.25	0	1	20	59
18468	33350080782392313	0.003	0.25	0.001	2	7	15
18469	33362580784682364	0.003	0.25	0.003	1	13	39
18470	33377280785792388	0.003	0.25	0.001	1	13	46
18471	33389680787202452	0.003	0.25	0.001	1	21	154
18472	33328480784892374	0.005	0.25	0.005	8	12	43
18473	33303680784972438	0.003	0.25	0	1	9	11
18474	33322380779372381	0.003	0.25	0	1	14	23
18475	33336880778122379	0.003	0.25	0.001	1	14	20
18476	33350980779722339	0.003	0.25	0.001	1	9	30
18477	33364780781152286	0.003	0.25	0.001	4	19	64
18478	33378980782792356	0.003	0.25	0.002	1	20	96
18479	33393380784322373	0.003	0.25	0.001	1	18	91
18480	33404180786102419	0.003	0.25	0.002	1	97	120
18482	33415080786972484	0.003	0.25	0.001	1	22	58
18483	33429080789342438	0.005	0.25	0.001	1	3	42
18484	33427980785812478	0.003	0.25	0.006	1	5	62
18485	33416180784402407	0.003	0.25	0	1	104	115
18486	33402880783022321	0.003	0.25	0.001	1	12	27
18487	33393280781292299	0.003	0.25	0.001	1	13	74
18488	33378380779592290	0.003	0.25	0	1	8	34
18489	33365480778262272	0.003	0.25	0.001	1	11	52
18490	33352680776552288	0.003	0.25	0	1	15	42
18491	33339680774912249	0.003	0.25	0.001	1	6	10
18492	33358880776992303	0.003	0.25	0	1	7	14

18493	33351580774212220	0.003	0.25	0.0012	8	14
18494	33366480775352259	0.003	0.25	0.0013	17	9
18495	33377480776752224	0.003	0.25	0 2	9	41
18496	33393180778122254	0.003	0.25	0.0011	12	12
18497	33401880779812268	0.003	0.25	0.0011	19	50
18498	33415280781282311	0.003	0.25	0 1	28	123
18499	33427380782912354	0.003	0.25	0.0021	11	33
18501	33440580784232430	0.003	0.25	0.0031	6	36
18502	33492480787182407	0.005	0.25	0.0071	18	66
18503	33483580785792391	0.005	0.25	0.0081	15	65
18504	33467880784302337	0.003	0.25	0.0051	14	103
18505	33458880783012358	0.003	0.25	0.0041	10	94
18506	33441980781332369	0.007	0.25	0.0076	16	78
18507	33429580779562345	0.003	0.25	0.0041	16	87
18508	33397280777972237	0.003	0.25	0.0011	6	25
18509	33403980773652197	0.003	0.25	0.0011	12	28
18510	33417880775042203	0.003	0.25	0 1	16	40

APPENDIX 2

JORC Code, 2012 Edition - Table 1

Criteria

JORC Code explanation

Sampling techniques

- Nature and quality of sampling (e.g. cut channels, random chip samples, standard measurement tools appropriate to the minerals under investigation, sondes, or handheld XRF instruments, etc). These examples illustrate the meaning of sampling.
- Include reference to measures taken to ensure sample representativeness of any measurement tools or systems used.
- Aspects of the determination of mineralisation that are Material to the assessment process. In cases where 'industry standard' work has been done this will include whether circulation drilling was used to obtain 1 m samples from which the assay was made (e.g. 'charge for fire assay'). In other cases more explanation may be required. Unusual commodity types (e.g. nodules) may warrant disclosure of detailed information.

Drilling techniques

- Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air leg) and details (e.g. core diameter, triple or standard tube, depth of penetration, other type, whether core is oriented and if so, by what method).

Drill sample recovery

- Method of recording and assessing core and chip sample recoverability.
- Measures taken to maximise sample recovery and ensure representativeness.
- Whether a relationship exists between sample recovery and drill type (e.g. reverse circulation drilling may result in a high level of sample recovery as a result of the preferential loss/gain of fine/coarse material).

Logging

- Whether core and chip samples have been geologically and geotechnically logged to support appropriate Mineral Resource estimation, mining studies and metallurgical assessment.
- Whether logging is qualitative or quantitative in nature. Core logs should detail sample locations and depths.
- The total length and percentage of the relevant intersections.

Sub-sampling techniques and sample preparation	<ul style="list-style-type: none">● If core, whether cut or sawn and whether quarter, half or all core● If non-core, whether riffled, tube sampled, rotary split, etc and● For all sample types, the nature, quality and appropriateness of the sampling technique● Quality control procedures adopted for all sub-sampling stages● Measures taken to ensure that the sampling is representative for instance results for field duplicate/second-half sampling.● Whether sample sizes are appropriate to the grain size of the sample
Quality of assay data and laboratory tests	<ul style="list-style-type: none">● The nature, quality and appropriateness of the assaying and the technique is considered partial or total.● For geophysical tools, spectrometers, handheld XRF instruments determining the analysis including instrument make and model applied and their derivation, etc.● Nature of quality control procedures adopted (e.g. standards checks) and whether acceptable levels of accuracy (i.e. lack of established).
Verification of Sampling and assaying	<ul style="list-style-type: none">● The verification of significant intersections by either independent or twinned holes.● The use of twinned holes.● Documentation of primary data, data entry procedures, data reduction (electronic) protocols.● Discuss any adjustment to assay data.
Location of data points	<ul style="list-style-type: none">● Accuracy and quality of surveys used to locate drill holes (core holes) workings and other locations used in Mineral Resource estimation● Specification of the grid system used.● Quality and adequacy of topographic control.
Data spacing and distribution	<ul style="list-style-type: none">● Data spacing for reporting of Exploration Results.● Whether the data spacing and distribution is sufficient to establish continuity appropriate for the Mineral Resource and Ore Resource classifications applied.● Whether sample compositing has been applied.
Orientation of data in relation to geological structure	<ul style="list-style-type: none">● Whether the orientation of sampling achieves unbiased sampling where this is known, considering the deposit type.● If the relationship between the drilling orientation and the orientation of the mineralization is not considered to have introduced a sampling bias, this should be stated.
Sample security	<ul style="list-style-type: none">● The measures taken to ensure sample security.
Audits or reviews	<ul style="list-style-type: none">● The results of any audits or reviews of sampling techniques and

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