



Orinoco Expands Tinteiro IOCG Project With New Discoveries

*Rock chips grading up to **20.1g/t gold** along with new high priority silver targets significantly extend Tinteiro.*

- Tinteiro 2kms from Cascavel, 20kms from the Sertão gold mine and immediately adjacent to the Antena gold mine being acquired from Troy Resources.
- Tinteiro Project expanded to over 7km of strike.
- New high priority areas prospective for silver and polymetallic mineralisation identified.
- Rock chips up to **20.1g/t gold** coincident with structural and geophysical anomalies.
- Cascavel and Sertão have potential for near term cash flow from high-grade gold systems, whilst Tinteiro and Antena have potential for large scale, long mine life deposits.

Orinoco Gold Limited (**ASX: OGX**) is pleased to announce that it has significantly expanded the **Tinteiro IOCG Project**, located near its high-grade Cascavel Gold Project in central Brazil, with further high-grade rock chips and mapping confirming the prospectivity of the Project.

Tinteiro forms part of Orinoco's Faina Goldfields Project and is located within 20km of the high-grade Cascavel Project and the Sertão gold mine, where Orinoco is aiming to fast track the development of gold mining operations.

As part of the recently announced acquisition of the Sertão gold mine, Orinoco is also acquiring the Antena gold mine. Significant numbers of soil samples were collected by previous explorers (WMC and Troy Resources) on the Antena mining lease.

Whilst historic soil sample results are currently being compiled, it appears from geological mapping of gossan and breccia occurrences that the Antena mining lease may host additional extensions to Tinteiro (Figure 5).

Recent mapping and detailed rock chip sampling undertaken over geophysical anomalies at Tinteiro have highlighted two previously unknown mineralised trends (Figures 1 & 2).

This has increased the total strike length of the three coincident geophysical, structural and geochemical anomalies to **more than 7km**.

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Issued Capital

85,975,001 Ordinary Shares
15,000,000 Performance Shares
12,500,000 Listed Options
17,900,000 Unlisted Options

ASX Code

OGX (Ordinary Shares)
OGXO (Listed Options)



Importantly, new high priority areas with the potential to host further thick high-grade silver mineralisation have been identified.

Detailed mapping has identified a significant thickening of the carbonate (dolomite) unit that hosts the previously announced high-grade silver mineralisation intercepted in drilling. Importantly, these thicker units of carbonate rocks occur where the late faults that are interpreted to be the fluid pathways, intersect the key Tinteiro targets in areas that correspond with high-grade gold/copper rock chips, geophysical and structural anomalies.

These areas are located 1-2km south east of the previously reported high-grade drill results¹ and represent a key exploration target for additional high-grade silver mineralisation (Figure 4).

“As an exploration target, Tinteiro has just kept growing and keeps surprising us on the upside,” said Orinoco’s Managing Director, Mark Papendieck.

“And as an explorer, you couldn’t ask for a better target. These results have extended Tinteiro over more than 7km of strike – not including possible extensions inside the Antena mining lease. We are particularly excited about the new discovery of the additional thick silver targets,” he said. “Now we look forward to progressing exploration on this exciting opportunity over the coming months, with the next steps including drill testing various parts of the Tinteiro system.”

Tinteiro

A 4.5 km long trend in the central portion of the Target is cut by several late NE-SW and E-W faults with mineralised gossans and hematite-rich breccias occurring at the intersections of those faults with the mineralised trend and at fault junctions. This central target returned previously reported rock chips **of up to 23.9g/t gold and 0.39% copper.**

A second parallel trend approximately 1.2km in length and located in the southern portion of Tinteiro returned **up to 20.1g/t gold** in recent sampling while the third target, approximately 2km in length, is located at a fold hinge in the north of Tinteiro and returned gold anomalies **up to 10.2g/t gold.**

Both of these targets are also associated with strong sericite alteration, mineralised gossans and hematite- rich breccias occurring at the intersections of late regional faults and at fault junctions.

The strong hydrothermal alteration evident at each of the targets is clearly related to the late NE-SW and E-W faults and is strongest (and returns the higher grade rock chips) at sites of fault junctions, particularly where those faults cut the most reactive rocks such as the Banded Iron Formation.

-ENDS-

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¹ Holes: CdP021 17.56m @ 1,292.4g/t Ag, 11m @ 0.25% Cu, CdP036 4.38m @ 760.27g/t Ag, CdP_025: 25m @ 39.2g/t silver, including 3m @ 97.2g/t silver, CdP_023: 6.83m @ 50.7g/t silver, Including 1.95m @ 83.9g/t silver and CdP-014: 4.70m @ 58.6g/t silver, including 0.85m @ 236g/t silver.

Competent Person's Statement: *The information in this presentation that relates to Exploration Results is based on information compiled by Dr Klaus Petersen who is a member of the Australasian Institute of Mining and Metallurgy and CREA. Dr Klaus Petersen is an employee of Orinoco Gold Limited and has sufficient experience, which is relevant to the style of mineralisation under consideration and to the activity that they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Klaus Petersen consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

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It is common practice for a company to comment on and discuss its exploration in terms of target size and type. Any information relating to the exploration target should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves. Hence the terms Resource(s) or Reserve(s) have not been used in this context. The potential quantity and grade is conceptual in nature, since there has been insufficient exploration to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource.

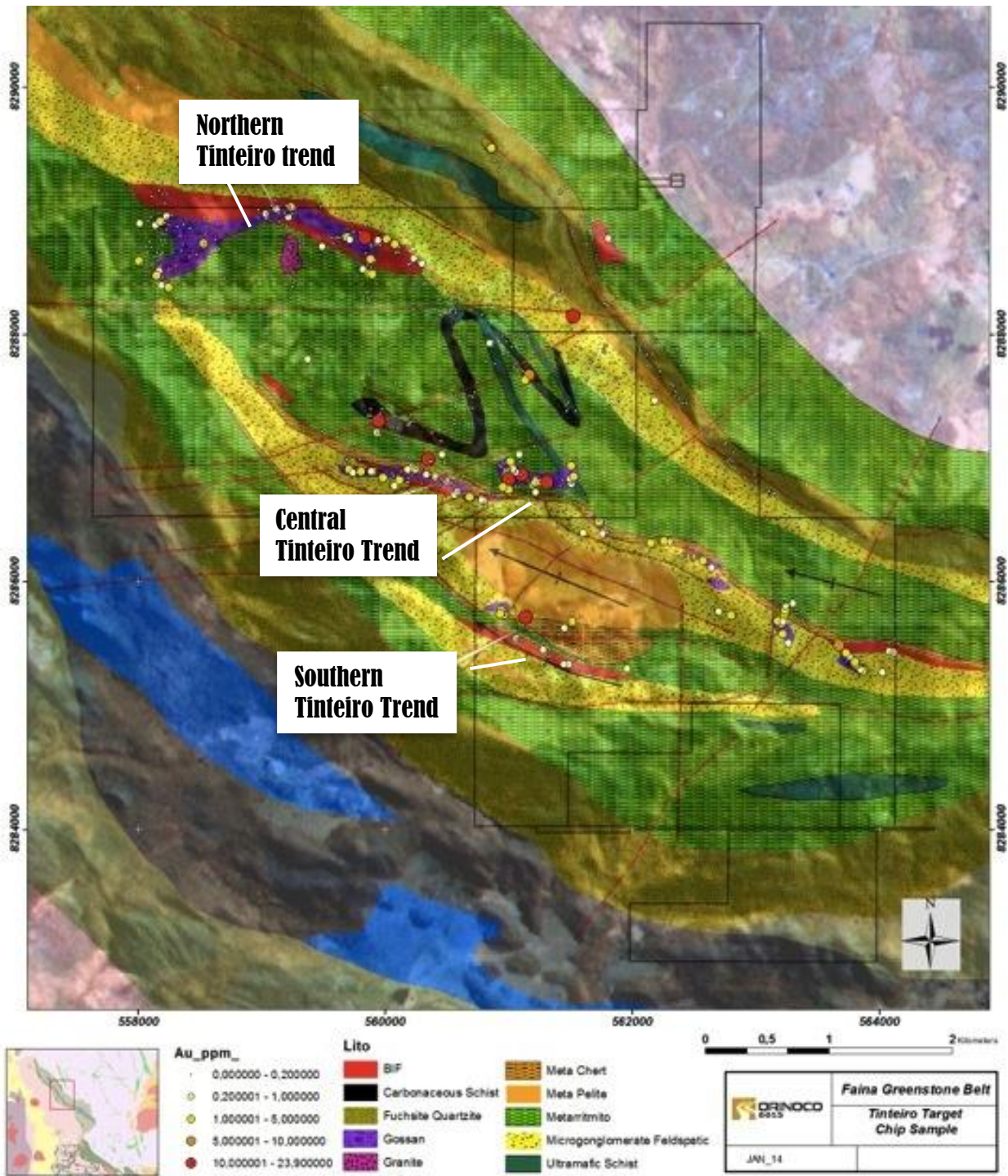


Figure 1. Geological map showing the Northern, Central and Southern areas of the Tinteiro Project.

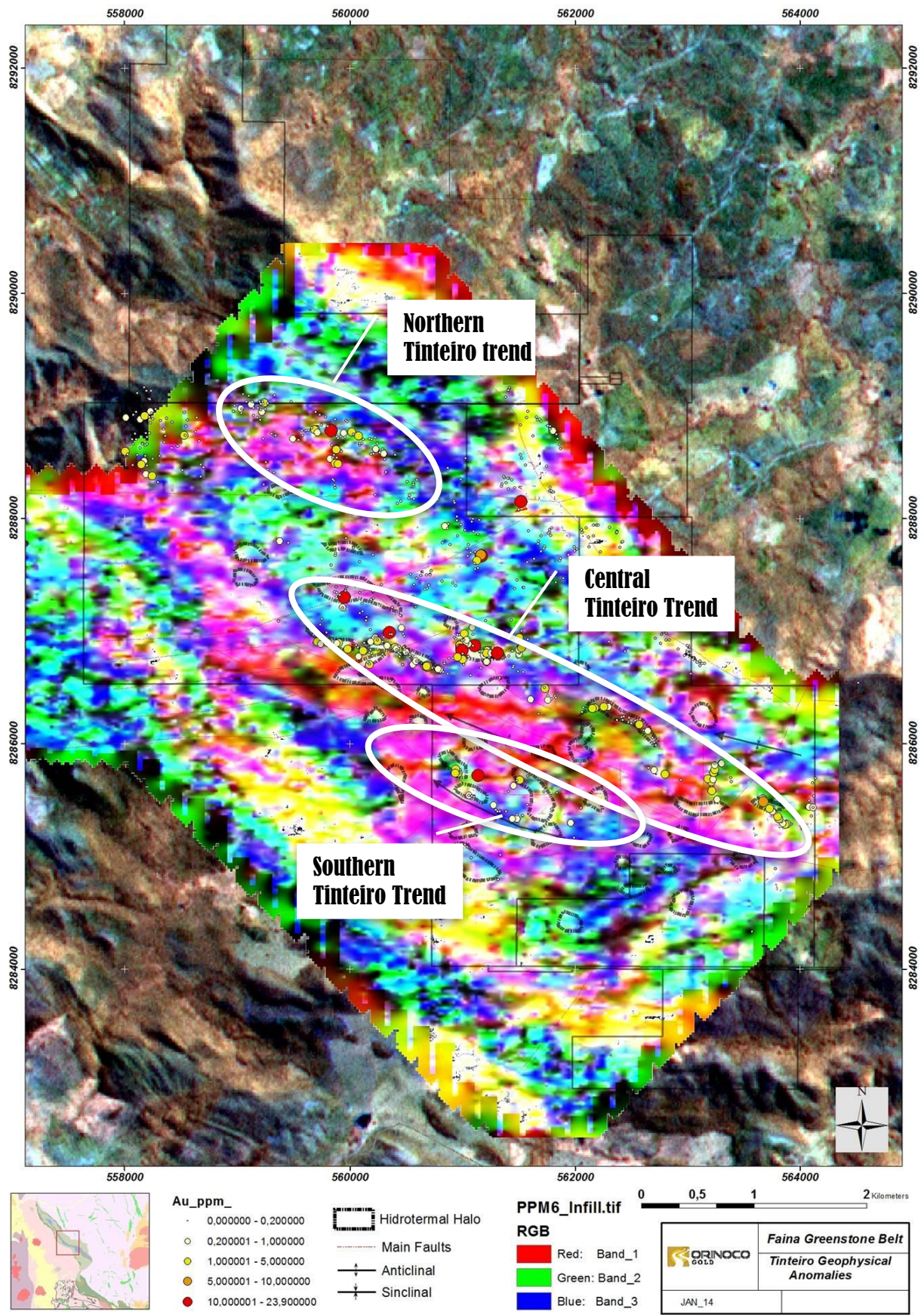


Figure 2. Geophysical map showing the Northern, Central and Southern areas of the Tinteiro Project.

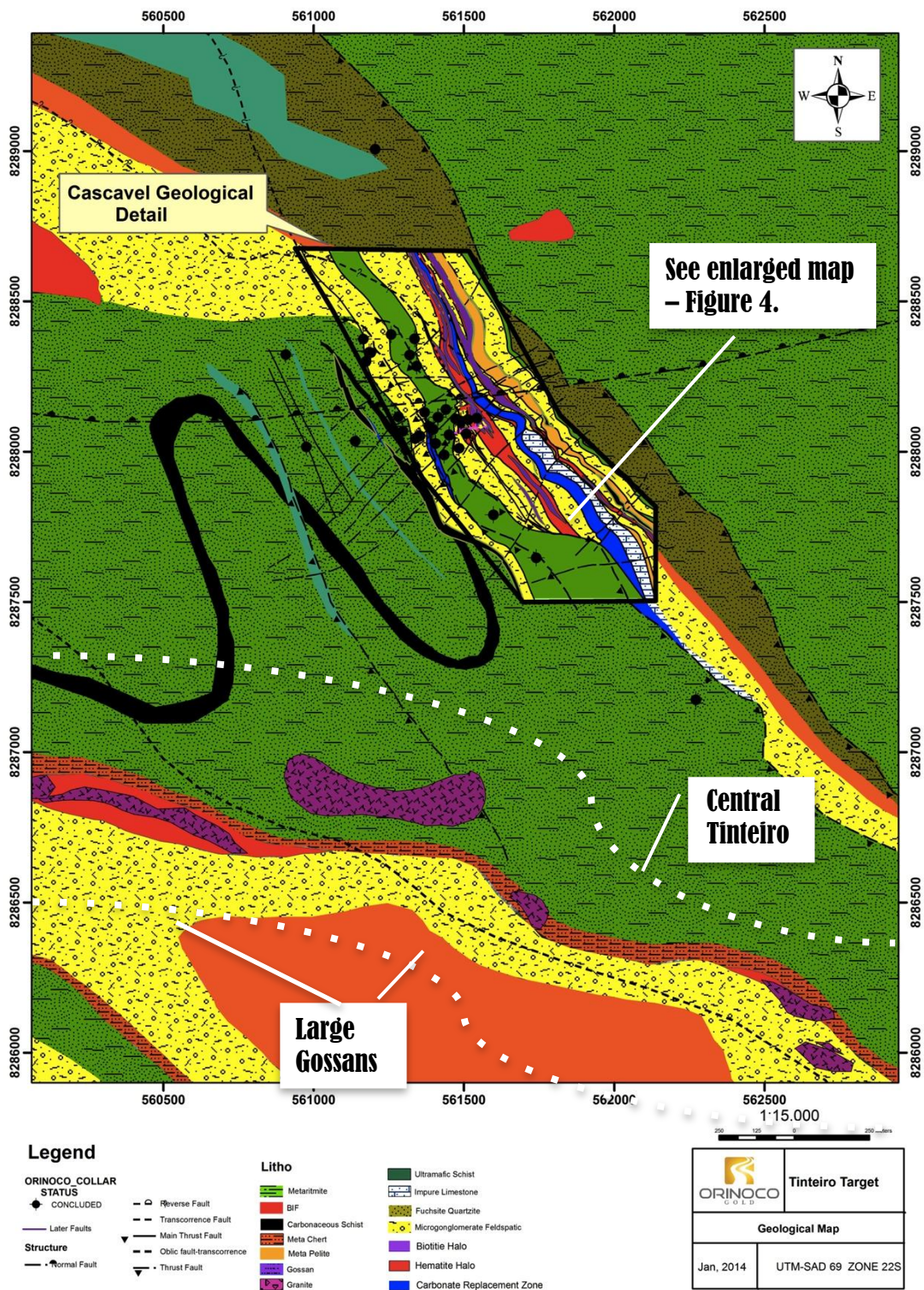


Figure 3. Geological map of goassanous area of Central Tinteiro with detailed mapping of the carbonate units to the North East.

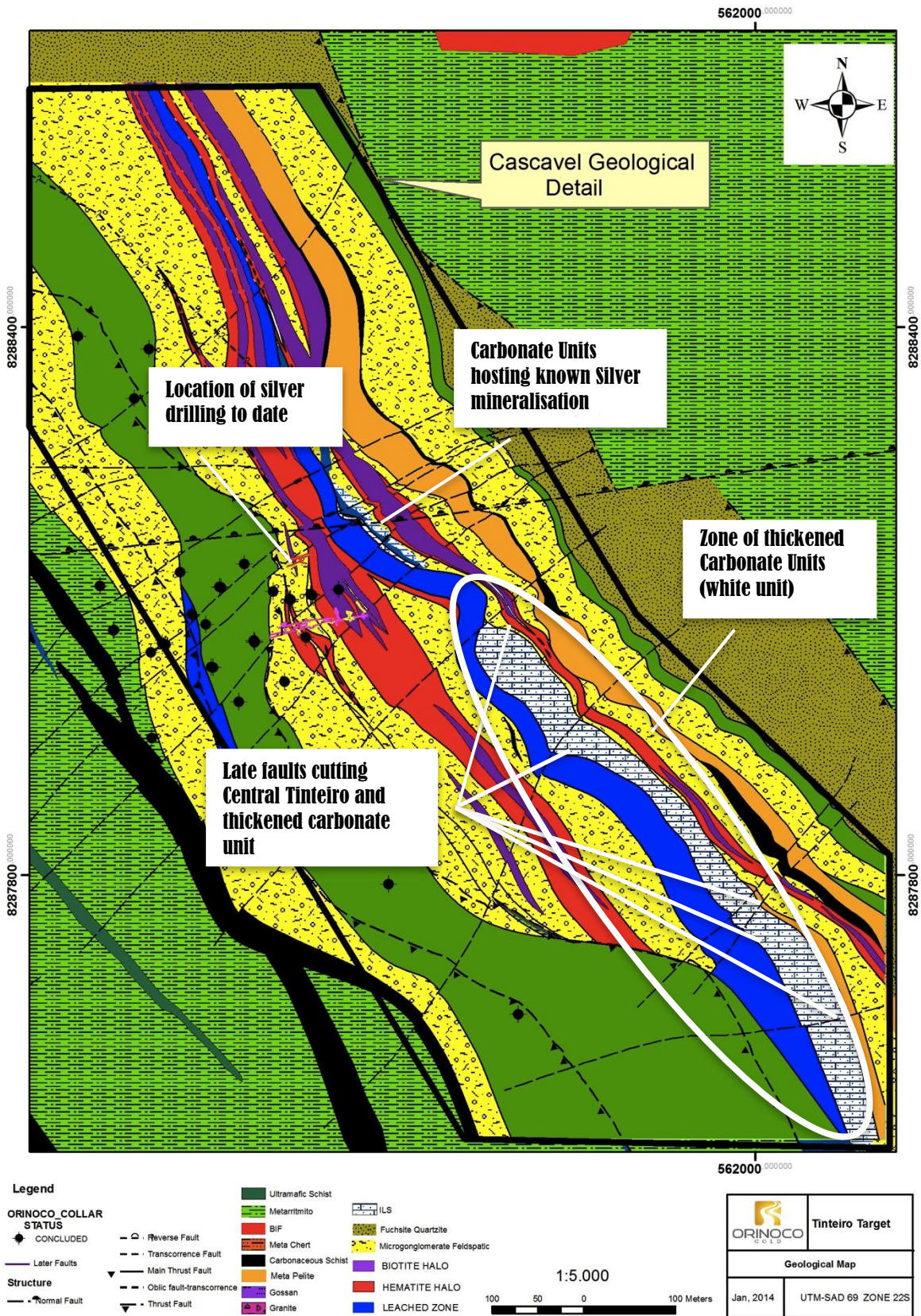


Figure 4. High Priority Silver Targets. Late faults mapped cutting both the carbonate unit and the geophysical/geochemical/structural targets of Tinteiro. Further drilling is required to delineate further mineralised late faults in this zone.

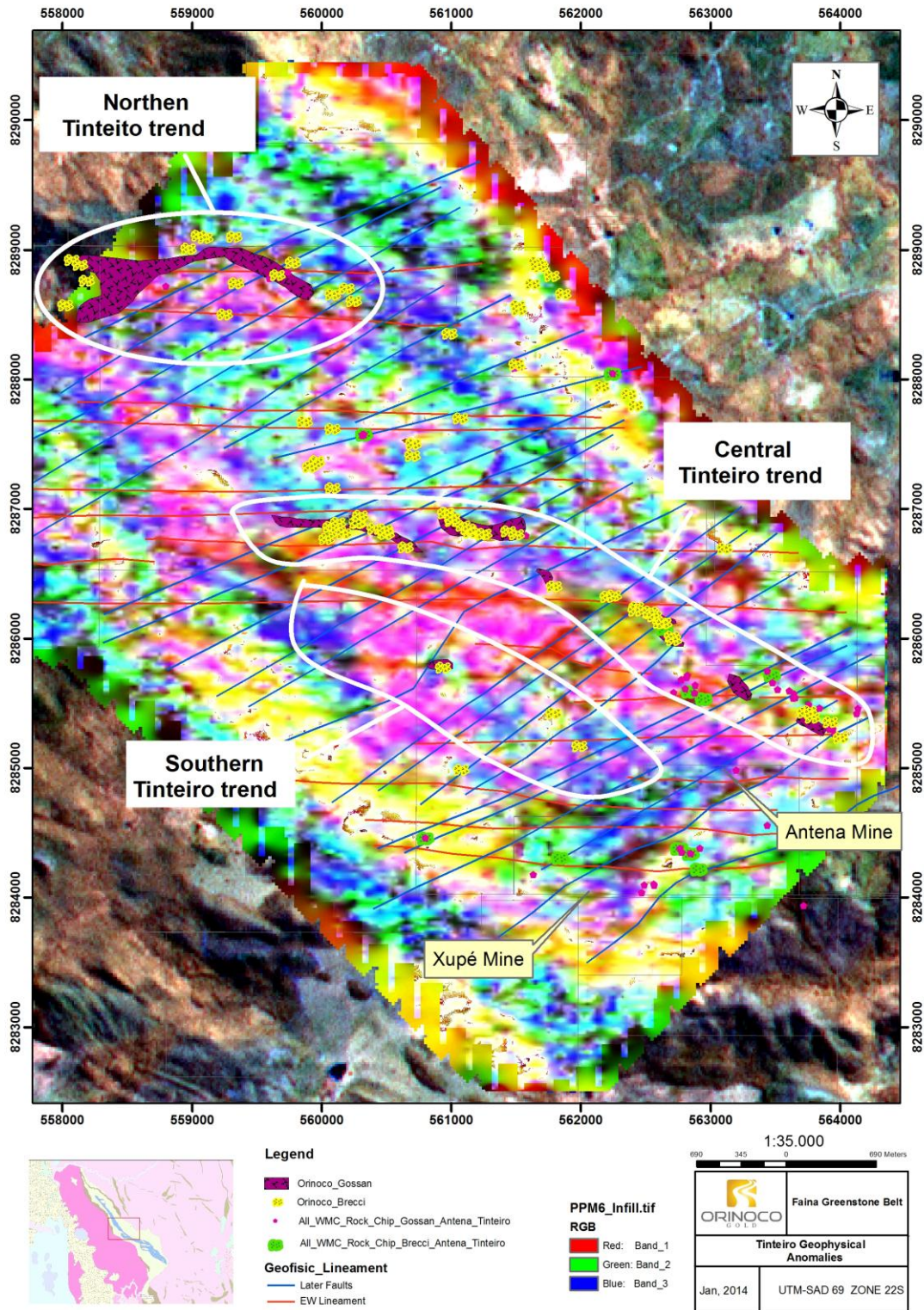


Figure 5. Geophysical map of Tinteiro showing mapped breccias and gossans extending into the Antena mining lease.

Table 1. Tinteiro (Central) Rock Chip Results.

SAMPLE	X	Y	Au_ppm	Ag_ppm	As_ppm	Ba_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_per	Ni_ppm	Pb_ppm	U_ppm	V_ppm
650	561310	8286806	23.90	0.50	623.00	90.00	30.00	57.00	241.00	17.10	110.00	2.00	10.00	62.00
659	561106	8286871	19.10	0.80	437.00	140.00	76.00	177.00	407.00	25.90	111.00	14.00	10.00	99.00
667	560998	8286831	18.60	2.90	849.00	70.00	5.00	169.00	1450.00	30.80	42.00	19.00	10.00	45.00
1204	560349	8286990	11.47	9.00	262.00	363.00	23.00	159.00	335.00	15.00	200.00	8.00	20.00	271.00
515	559949	8287304	11.14	10.00	1881.00	668.00	69.00	127.00	503.00	20.00	455.00	34.00	97.00	312.00
554	563672	8285488	7.14	0.20	864.00	140.00	12.00	16.00	44.00	32.50	61.00	10.00	10.00	8.00
326	560685	8286691	5.71	0.34	48.90	860.00	12.00	222.00	408.00	35.40	98.70	14.10	4.40	250.00
1759	563939	8285338	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
506	562153	8286314	4.40	10.00	111.00	1732.00	24.00	351.00	161.00	20.00	142.00	9.00	45.00	729.00
376	560243	8286913	3.93	0.12	1000.00	1220.00	13.90	318.00	666.00	23.20	195.00	13.40	3.40	328.00
543	563801	8285356	3.84	0.20	517.00	330.00	150.00	44.00	114.00	24.80	97.00	5.00	10.00	16.00
664	561015	8286977	3.52	0.20	1115.00	110.00	15.00	333.00	365.00	24.20	317.00	9.00	10.00	90.00
1190	560116	8286824	3.37	10.00	425.00	153.00	23.00	136.00	325.00	15.00	141.00	8.00	20.00	246.00
467	562172	8286318	3.34	10.00	101.00	1181.00	28.00	205.00	56.00	20.00	135.00	6.00	46.00	510.00
553	563666	8285512	3.33	0.20	3340.00	130.00	33.00	27.00	59.00	28.30	55.00	8.00	10.00	9.00
333	562571	8286172	3.29	0.83	262.00	1050.00	296.00	134.00	560.00	24.30	446.00	19.50	4.50	65.00
452	560683	8286688	3.22	10.00	101.00	540.00	42.00	170.00	142.00	20.00	191.00	25.00	81.00	271.00
654	561525	8286854	3.14	0.20	771.00	50.00	17.00	141.00	255.00	27.70	184.00	9.00	20.00	73.00
542	563808	8285335	2.96	0.20	4500.00	80.00	22.00	102.00	81.00	23.40	60.00	6.00	10.00	13.00
665	560976	8286876	2.96	0.20	5040.00	90.00	7.00	328.00	185.00	34.10	14.00	18.00	10.00	297.00
1187	559899	8286896	2.53	8.00	331.00	693.00	50.00	424.00	467.00	15.00	239.00	8.00	20.00	331.00
534	563866	8285284	2.23	0.20	153.00	20.00	18.00	73.00	82.00	24.60	75.00	5.00	10.00	19.00
480	563217	8285582	2.23	10.00	381.00	28.00	36.00	52.00	170.00	20.00	271.00	40.00	58.00	36.00
1758	563942	8285370	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
666	560978	8286853	2.09	0.20	1025.00	100.00	4.00	137.00	82.00	8.09	49.00	5.00	10.00	77.00
1418	560999	8286748	1.73	0.75	1290.00	460.00	35.00	309.00	265.00	38.90	226.00	13.50	5.00	306.00
1419	560955	8286770	1.67	0.01	101.00	2630.00	4.40	820.00	51.80	15.15	105.50	14.80	1.80	677.00
485	562800	8285730	1.62	10.00	1727.00	557.00	46.00	204.00	189.00	20.00	269.00	33.00	102.00	348.00
1197	560176	8286705	1.50	7.00	72.00	119.00	22.00	37.00	130.00	15.00	88.00	8.00	20.00	35.00
486	563178	8285687	1.44	10.00	2145.00	229.00	58.00	37.00	92.00	20.00	161.00	177.00	47.00	37.00
91	560404	8286857	1.43	10.00	10.00	1149.00	6.00	164.00	540.00	15.18	5.00	5.00	10.00	183.00
465	562256	8286329	1.41	10.00	392.00	170.00	63.00	49.00	101.00	20.00	154.00	30.00	76.00	28.00
497	561731	8286490	1.38	10.00	3292.00	54.00	29.00	48.00	97.00	20.00	119.00	21.00	72.00	12.00
488	563231	8285743	1.27	10.00	265.00	189.00	57.00	159.00	128.00	20.00	237.00	36.00	110.00	284.00
646	561217	8286808	1.27	0.20	225.00	50.00	13.00	148.00	1070.00	29.50	107.00	2.00	10.00	86.00
65	561215	8286729	1.23	10.00	10.00	65.00	5.00	16.00	22.00	1.59	5.00	5.00	10.00	10.00
489	563240	8285770	1.23	10.00	1450.00	298.00	99.00	51.00	100.00	20.00	147.00	23.00	64.00	24.00
655	561506	8286941	1.21	0.20	1010.00	40.00	11.00	202.00	94.00	23.80	134.00	6.00	10.00	56.00
482	563209	8285664	1.21	10.00	567.00	877.00	33.00	297.00	80.00	20.00	99.00	58.00	65.00	685.00
162	560667	8286689	1.19	10.00	10.00	958.00	37.00	227.00	90.00	20.00	147.00	24.00	40.00	236.00
321	560243	8286913	1.09	0.50	706.00	140.00	17.90	199.00	691.00	32.20	361.00	5.80	2.10	40.00
552	563730	8285427	1.08	0.20	634.00	220.00	134.00	43.00	68.00	29.50	84.00	7.00	10.00	11.00
533	563880	8285289	1.06	0.20	213.00	30.00	7.00	52.00	40.00	18.60	159.00	2.00	10.00	32.00
1189	559981	8286844	1.06	10.00	169.00	145.00	43.00	157.00	118.00	15.00	242.00	8.00	20.00	348.00
1182	559710	8286908	1.05	9.00	261.00	371.00	31.00	172.00	186.00	15.00	188.00	8.00	20.00	270.00
1185	559804	8286895	1.03	8.00	169.00	346.00	137.00	355.00	361.00	15.00	328.00	8.00	20.00	285.00
450	560561	8286706	1.00	10.00	125.00	38.00	50.00	130.00	204.00	20.00	243.00	20.00	79.00	385.00
484	562701	8285763	0.98	10.00	2490.00	834.00	39.00	562.00	176.00	20.00	302.00	22.00	79.00	502.00
478	563263	8285508	0.96	10.00	245.00	911.00	49.00	374.00	218.00	20.00	297.00	78.00	83.00	428.00
1238	560499	8286814	0.95	8.00	404.00	352.00	19.00	105.00	258.00	15.00	167.00	8.00	20.00	193.00
508	560111	8286839	0.92	10.00	1853.00	994.00	48.00	646.00	985.00	20.00	602.00	26.00	69.00	409.00
334	562645	8286117	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
653	561498	8286836	0.89	0.20	311.00	40.00	1.00	139.00	54.00	27.00	45.00	6.00	10.00	151.00
1241	560586	8286733	0.87	7.00	67.00	25.00	9.00	17.00	67.00	15.00	48.00	8.00	20.00	33.00
661	561029	8286894	0.84	0.20	341.00	40.00	12.00	103.00	80.00	35.70	134.00	12.00	20.00	110.00
643	561189	8286786	0.82	0.20	357.00	100.00	49.00	189.00	402.00	30.50	202.00	2.00	20.00	53.00
81	561505	8286795	0.65	10.00	266.00	2964.00	1225.00	261.00	372.00	20.00	348.00	5.00	10.00	279.00
521	561009	8286907	0.65	0.20	946.00	50.00	9.00	94.00	113.00	24.00	132.00	14.00	10.00	88.00
490	563243	8285811	0.61	10.00	216.00	415.00	56.00	74.00	119.00	20.00	178.00	67.00	47.00	31.00

137	560780	8286668	0.60	10.00	10.00	326.00	44.00	299.00	105.00	20.00	227.00	11.00	38.00	363.00
477	560182	8286910	0.55	10.00	573.00	339.00	59.00	415.00	272.00	20.00	329.00	27.00	94.00	261.00
133	560224	8286944	0.55	10.00	128.00	45.00	41.00	47.00	61.00	20.00	184.00	5.00	71.00	188.00
329	560799	8286660	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1188	559885	8286894	0.52	3.00	235.00	53.00	8.00	49.00	68.00	8.22	51.00	8.00	20.00	99.00
557	563294	8285827	0.51	0.20	344.00	60.00	16.00	32.00	32.00	16.50	298.00	11.00	10.00	6.00
1427	561086	8287032	0.48	0.04	104.50	100.00	14.80	55.00	68.60	50.00	93.60	22.30	2.40	418.00
63	561218	8286830	0.48	10.00	260.00	591.00	55.00	277.00	513.00	20.00	320.00	16.00	10.00	338.00
549	563754	8285402	0.44	0.20	232.00	40.00	37.00	80.00	73.00	32.50	80.00	8.00	10.00	23.00
1201	560075	8286778	0.43	9.00	72.00	166.00	23.00	47.00	268.00	15.00	221.00	8.00	20.00	284.00
323	560224	8286941	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
629	560459	8287031	0.42	0.20	787.00	30.00	9.00	80.00	129.00	27.70	166.00	3.00	10.00	157.00
93	560333	8286870	0.42	10.00	50.00	302.00	38.00	292.00	68.00	20.00	197.00	5.00	74.00	465.00
524	561100	8286861	0.41	0.20	417.00	110.00	19.00	62.00	73.00	24.70	186.00	14.00	10.00	55.00
509	560132	8286828	0.41	10.00	1919.00	712.00	36.00	192.00	153.00	20.00	311.00	37.00	57.00	127.00
649	561302	8286804	0.40	0.20	203.00	70.00	6.00	111.00	56.00	20.50	63.00	5.00	10.00	94.00
535	564116	8285434	0.39	0.20	77.00	110.00	47.00	14.00	40.00	4.35	76.00	2.00	10.00	5.00
537	564116	8285434	0.38	0.80	302.00	350.00	169.00	34.00	66.00	9.38	112.00	3.00	10.00	24.00
87	563212	8285587	0.37	10.00	263.00	1214.00	57.00	147.00	222.00	11.15	41.00	5.00	10.00	338.00
523	561044	8286875	0.37	0.20	737.00	40.00	8.00	78.00	178.00	25.30	127.00	11.00	10.00	81.00
660	561054	8286889	0.36	0.20	79.00	30.00	4.00	27.00	42.00	23.30	41.00	5.00	10.00	108.00
1184	559741	8286885	0.36	11.00	60.00	138.00	42.00	140.00	61.00	15.00	275.00	8.00	20.00	272.00
66	561215	8286729	0.36	10.00	23.00	13.00	5.00	10.00	14.00	0.80	5.00	11.00	10.00	10.00
1203	560343	8287005	0.35	7.00	881.00	144.00	28.00	196.00	173.00	15.00	220.00	8.00	20.00	257.00
540	563846	8285295	0.34	0.20	101.00	40.00	47.00	54.00	16.00	21.80	88.00	5.00	10.00	11.00
80	561505	8286795	0.33	10.00	427.00	722.00	36.00	103.00	40.00	20.00	170.00	19.00	48.00	302.00
430	560182	8286910	0.30	10.00	531.00	496.00	52.00	445.00	333.00	20.00	286.00	27.00	80.00	254.00
339	561505	8286795	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1425	561035	8286921	0.28	0.01	2020.00	380.00	5.80	88.00	76.50	42.10	206.00	30.50	6.80	75.00
531	564027	8285271	0.27	0.20	70.00	20.00	8.00	191.00	41.00	22.40	65.00	4.00	10.00	241.00
648	561257	8286807	0.27	0.20	257.00	90.00	14.00	288.00	770.00	25.30	162.00	8.00	20.00	105.00
491	561604	8286397	0.26	10.00	50.00	10.00	11.00	354.00	36.00	4.45	215.00	5.00	10.00	10.00
487	563225	8285683	0.26	10.00	734.00	107.00	36.00	28.00	34.00	20.00	106.00	20.00	51.00	17.00
1414	559933	8287210	0.26	0.03	3400.00	2110.00	52.20	86.00	318.00	11.35	174.50	23.50	1.60	283.00
428	560332	8286870	0.25	10.00	146.00	391.00	43.00	142.00	40.00	20.00	266.00	26.00	79.00	343.00
1692	563992	8285237	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
316	560411	8286848	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
528	564079	8285442	0.24	0.20	284.00	80.00	30.00	165.00	198.00	28.90	56.00	7.00	10.00	87.00
493	561758	8286390	0.23	10.00	51.00	99.00	43.00	47.00	55.00	20.00	107.00	20.00	77.00	16.00
456	560782	8286664	0.23	10.00	22.00	156.00	32.00	67.00	38.00	20.00	101.00	19.00	69.00	18.00
1690	563883	8285510	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
464	562298	8286327	0.22	10.00	402.00	143.00	55.00	76.00	109.00	20.00	239.00	11.00	46.00	29.00
328	560784	8286668	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
377	561215	8286729	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
558	563301	8285827	0.21	0.20	116.00	70.00	12.00	32.00	46.00	24.50	119.00	11.00	10.00	8.00
463	562291	8286331	0.20	10.00	284.00	430.00	56.00	63.00	144.00	20.00	191.00	13.00	41.00	25.00
84	561510	8286854	0.20	10.00	500.00	117.00	60.00	33.00	58.00	20.00	133.00	31.00	125.00	281.00
1429	561093	8286871	0.20	0.05	271.00	420.00	13.50	213.00	636.00	33.40	172.50	12.80	10.30	82.00
330	562533	8286206	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
449	560561	8286706	0.18	59.00	216.00	371.00	56.00	75.00	251.00	20.00	363.00	26.00	87.00	191.00
62	561218	8286830	0.18	10.00	429.00	422.00	61.00	234.00	126.00	20.00	344.00	7.00	10.00	392.00
541	563836	8285310	0.18	0.20	94.00	20.00	47.00	74.00	44.00	29.20	122.00	7.00	10.00	17.00
1193	560301	8286948	0.18	7.00	598.00	363.00	26.00	255.00	234.00	15.00	135.00	8.00	20.00	184.00
1561	564119	8285538	0.18	0.09	66.50	920.00	8.80	454.00	158.50	41.30	101.50	11.40	3.30	638.00
136	560803	8286658	0.18	10.00	31.00	183.00	62.00	75.00	160.00	20.00	172.00	7.00	13.00	29.00
494	561760	8286426	0.18	10.00	62.00	176.00	45.00	53.00	35.00	20.00	112.00	18.00	53.00	17.00
502	561829	8286411	0.16	11.00	73.00	257.00	77.00	79.00	502.00	3.12	553.00	5.00	10.00	72.00
496	561755	8286462	0.16	10.00	3281.00	56.00	29.00	59.00	99.00	20.00	122.00	23.00	71.00	12.00
514	560205	8287350	0.15	10.00	10.00	613.00	14.00	93.00	19.00	3.96	44.00	6.00	10.00	74.00
1428	561094	8286976	0.14	0.01	42.60	440.00	61.80	65.00	351.00	9.87	113.50	4.90	1.40	185.00
455	560827	8286638	0.13	10.00	10.00	68.00	5.00	22.00	5.00	1.04	20.00	5.00	10.00	12.00
320	560273	8286893	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1199	560156	8286724	0.13	7.00	93.00	285.00	49.00	17.00	52.00	15.00	69.00	8.00	20.00	44.00
88	562943	8285677	0.12	10.00	10.00	51.00	35.00	64.00	205.00	20.00	77.00	39.00	10.00	62.00
427	560357	8286860	0.12	10.00	91.00	61.00	25.00	347.00	55.00	18.48	102.00	5.00	34.00	411.00
131	560361	8286852	0.12	10.00	10.00	2597.00	5.00	550.00	44.00	11.21	23.00	5.00	10.00	532.00
539	564116	8285434	0.11	0.20	103.00	300.00	82.00	35.00	49.00	11.15	102.00	2.00	10.00	21.00
556	563381	8285697	0.11	0.20	178.00	40.00	20.00	42.00	129.00	24.70	100.00	26.00	10.00	25.00
82	561505	8286795	0.10	10.00	382.00	10000.00	10000.00	128.00	3955.00	20.00	3428.00	94.00	10.00	256.00
479	563232	8285572	0.10	10.00	484.00	137.00	38.00	105.00	66.00	20.00	196.00	42.00	56.00	48.00
341	561510	8286854	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1420	560914	8286762	0.10	0.03	267.00	1250.00	7.10	291.00	112.50	13.00	63.60	8.90	3.30	228.00
1757	563981	8285360	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	562642	8286122	0.09	10.00	246.00	554.00	40.00	144.00	109.00	20.00	179.00	35.00	54.00	144.00
511	560291	8286798	0.09	10.00	384.00	42.00	56.00	128.00	142.00	20.00	322.00	31.00	107.00	224.00
441	560147	8287124	0.08	10.00	10.00	2239.00	12.00	105.00	33.00	2.98	76.00	5.00	10.00	92.00
98	561471	8287032	0.08	10.00	10.00	562.00	86.00	66.00	108.00	11.28	60.00	5.00	10.00	292.00
138	560717	8286682	0.08	10.00	10.00	47.00	70.00	39.00	65.00	20.00	296.00	5.00	47.00	178.00
52	562525	8286204	0.08	10.00	358.00	917.00	83.00	226.00	305.00	20.00	489.00	5.00	34.00	263.00
47	562432	8286241	0.08	10.00	1243.00	286.00	62.00							

448	560613	8286734	0.07	10.00	628.00	10.00	49.00	229.00	473.00	20.00	187.00	20.00	81.00	426.00
54	562580	8286158	0.07	10.00	199.00	496.00	47.00	122.00	109.00	20.00	161.00	5.00	15.00	158.00
559	563238	8285826	0.07	0.20	148.00	190.00	20.00	22.00	36.00	19.90	99.00	40.00	10.00	12.00
652	561414	8286781	0.07	0.20	101.00	70.00	4.00	40.00	26.00	37.90	74.00	5.00	10.00	132.00
1163	559957	8287185	0.07	3.00	17.00	2142.00	29.00	62.00	71.00	3.62	82.00	8.00	20.00	64.00
1176	559687	8286991	0.07	5.00	91.00	119.00	62.00	191.00	592.00	15.00	291.00	8.00	20.00	220.00
1422	560837	8286730	0.07	0.06	48.90	50.00	11.80	52.00	43.90	34.20	72.70	2.30	2.50	15.00
1424	561032	8286910	0.07	0.02	1530.00	160.00	11.70	49.00	71.30	25.10	139.50	11.30	4.10	45.00
340	561504	8286804	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1191	560173	8286810	0.06	8.00	1312.00	226.00	41.00	71.00	126.00	15.00	532.00	14.00	20.00	72.00
1202	560126	8286895	0.06	6.00	2221.00	594.00	120.00	460.00	376.00	15.00	874.00	20.00	20.00	59.00
1205	560359	8286976	0.06	3.00	59.00	510.00	37.00	89.00	177.00	7.60	33.00	8.00	20.00	171.00
1423	560841	8286714	0.06	0.05	65.20	40.00	19.40	46.00	81.10	27.40	91.50	2.60	4.20	11.00
1564	564077	8285498	0.06	0.14	114.50	40.00	20.90	110.00	30.00	39.20	105.50	10.80	3.00	29.00
83	561528	8286849	0.06	10.00	698.00	1797.00	88.00	108.00	112.00	14.32	210.00	5.00	10.00	282.00
498	561729	8286502	0.05	10.00	334.00	1153.00	30.00	527.00	119.00	20.00	85.00	14.00	39.00	818.00
507	560070	8286859	0.05	10.00	1928.00	822.00	78.00	494.00	594.00	20.00	408.00	55.00	75.00	376.00
317	560363	8286853	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
324	560225	8286950	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
517	561205	8287097	0.05	0.20	7.00	50.00	58.00	31.00	155.00	9.04	49.00	4.00	10.00	88.00
518	560970	8286969	0.05	0.20	840.00	40.00	13.00	98.00	159.00	22.20	182.00	6.00	10.00	73.00
519	560956	8286967	0.05	0.20	2680.00	40.00	13.00	97.00	311.00	23.20	209.00	7.00	10.00	37.00
520	560930	8286941	0.05	0.20	38.00	90.00	26.00	71.00	86.00	6.76	48.00	6.00	10.00	56.00
522	560941	8286932	0.05	0.20	39.00	50.00	15.00	37.00	83.00	4.97	36.00	4.00	10.00	37.00
525	561138	8286840	0.05	2.40	710.00	6240.00	753.00	32.00	257.00	21.40	226.00	46.00	10.00	99.00
526	561154	8286817	0.05	0.20	276.00	20.00	172.00	9.00	171.00	18.60	131.00	10.00	10.00	37.00
527	560969	8286913	0.05	0.20	132.00	30.00	25.00	51.00	212.00	6.93	52.00	13.00	10.00	8.00
529	564099	8285358	0.05	0.20	331.00	10.00	3.00	230.00	20.00	34.30	109.00	11.00	10.00	153.00
532	563920	8285287	0.05	0.20	8.00	10.00	2.00	13.00	2.00	1.32	6.00	2.00	10.00	5.00
536	564116	8285434	0.05	0.20	46.00	70.00	39.00	12.00	26.00	2.97	35.00	2.00	10.00	4.00
538	564116	8285434	0.05	0.20	29.00	20.00	2.00	9.00	3.00	1.04	5.00	2.00	10.00	2.00
548	563785	8285388	0.05	7.30	602.00	10000.00	10000.00	72.00	3260.00	11.05	2280.00	32.00	10.00	106.00
551	563762	8285438	0.05	0.20	3420.00	1490.00	192.00	337.00	59.00	27.10	1075.00	16.00	10.00	59.00
555	563388	8285663	0.05	0.20	84.00	100.00	23.00	150.00	146.00	26.20	144.00	19.00	10.00	145.00
630	560446	8287140	0.05	0.20	11.00	150.00	12.00	19.00	132.00	4.18	38.00	2.00	10.00	7.00
631	560446	8287140	0.05	0.20	5.00	90.00	5.00	19.00	61.00	3.09	21.00	2.00	10.00	6.00
644	561192	8286787	0.05	0.20	136.00	60.00	45.00	119.00	111.00	29.40	130.00	7.00	10.00	132.00
645	561200	8286805	0.05	0.20	50.00	70.00	21.00	39.00	72.00	36.20	175.00	2.00	10.00	152.00
647	561243	8286802	0.05	0.20	267.00	130.00	11.00	185.00	812.00	30.30	105.00	10.00	30.00	117.00
656	561441	8286826	0.05	3.30	328.00	10000.00	10000.00	31.00	3610.00	8.16	5600.00	147.00	10.00	79.00
657	561155	8286821	0.05	0.20	244.00	30.00	107.00	12.00	117.00	15.70	112.00	6.00	10.00	25.00
658	561130	8286848	0.05	0.20	134.00	330.00	510.00	66.00	159.00	14.10	147.00	24.00	10.00	111.00
662	561010	8286928	0.05	0.20	800.00	130.00	23.00	33.00	62.00	20.80	131.00	13.00	10.00	18.00
663	561010	8286928	0.05	0.20	290.00	10.00	3.00	16.00	13.00	7.16	62.00	6.00	10.00	7.00
668	561001	8286802	0.05	0.20	304.00	10.00	20.00	146.00	170.00	21.20	135.00	3.00	10.00	159.00
669	561053	8286773	0.05	0.20	319.00	30.00	36.00	244.00	72.00	18.60	23.00	13.00	10.00	343.00
1171	559703	8286996	0.05	5.00	77.00	300.00	44.00	144.00	290.00	15.00	203.00	8.00	20.00	208.00
1236	560496	8286830	0.05	4.00	702.00	174.00	35.00	165.00	528.00	15.00	193.00	8.00	20.00	61.00
1402	559913	8287320	0.05	0.03	76.00	140.00	4.20	17.00	68.00	5.03	11.90	16.30	1.00	12.00
1403	559912	8287323	0.05	0.08	572.00	1520.00	19.60	55.00	198.00	24.80	51.60	70.50	5.20	59.00
1404	560106	8287246	0.05	0.05	380.00	740.00	21.10	82.00	319.00	46.80	189.50	37.60	4.60	53.00
1405	560182	8287267	0.05	0.03	162.50	2050.00	17.20	106.00	575.00	35.70	112.00	32.10	6.40	56.00
1406	560196	8287272	0.05	0.11	12.50	310.00	2.40	12.00	50.90	4.86	26.20	96.00	0.70	9.00
1407	560188	8287282	0.05	0.04	220.00	790.00	12.60	71.00	128.50	40.30	114.50	21.00	2.40	42.00
1408	560206	8287352	0.05	0.05	411.00	1040.00	43.40	556.00	10.90	6.18	360.00	17.50	1.00	104.00
1410	560088	8287342	0.05	0.09	4.70	410.00	19.00	39.00	58.80	2.52	12.40	8.60	0.90	40.00
1412	559879	8287307	0.05	0.06	676.00	1620.00	44.40	55.00	61.30	43.50	465.00	11.40	2.50	53.00
1413	559879	8287397	0.05	0.01	14.10	80.00	1.20	10.00	5.40	1.52	6.30	1.40	0.20	5.00
1415	559936	8287209	0.05	0.04	32.90	4460.00	11.10	233.00	156.00	5.84	232.00	5.90	3.60	186.00
1416	560278	8287415	0.05	0.04	3.40	70.00	5.20	11.00	23.90	1.14	13.70	8.90	0.10	5.00
1417	561010	8286706	0.05	0.01	33.70	60.00	8.30	66.00	21.50	23.60	62.00	1.60	4.60	18.00
1421	560880	8286760	0.05	0.28	366.00	270.00	89.20	115.00	406.00	18.65	171.50	98.90	1.30	93.00
1438	561013	8286922	0.05	0.09	1100.00	820.00	41.90	434.00	205.00	28.20	491.00	13.40	4.70	164.00
68	561542	8286636	0.05	10.00	91.00	562.00	739.00	30.00	220.00	1.32	611.00	5.00	10.00	14.00
433	560143	8286852	0.05	10.00	2592.00	1059.00	80.00	207.00	135.00	20.00	497.00	33.00	81.00	80.00
1162	560088	8287160	0.04	3.00	146.00	9847.00	4636.00	30.00	2547.00	8.14	2651.00	132.00	20.00	233.00
50	562475	8286191	0.04	10.00	54.00	587.00	64.00	65.00	184.00	10.65	147.00	5.00	10.00	243.00
51	562530	8286202	0.04	10.00	1801.00	2051.00	280.00	57.00	152.00	20.00	691.00	5.00	10.00	157.00
45	562475	8286204	0.04	10.00	16.00	440.00	5.00	59.00	28.00	1.90	5.00	5.00	10.00	53.00
128	560450	8286796	0.04	10.00	238.00	92.00	61.00	166.00	121.00	20.00	296.00	9.00	31.00	208.00

1688	564043	8285509	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	560647	8286703	0.04	10.00	10.00	26.00	61.00	82.00	69.00	20.00	271.00	5.00	73.00	350.00
501	561821	8286426	0.03	10.00	72.00	257.00	773.00	79.00	499.00	3.15	553.00	6.00	10.00	72.00
432	560143	8286852	0.03	10.00	1507.00	456.00	38.00	124.00	54.00	20.00	258.00	27.00	48.00	68.00
453	560734	8286673	0.03	10.00	28.00	680.00	28.00	275.00	38.00	20.00	141.00	5.00	55.00	511.00
1192	560193	8286806	0.03	10.00	154.00	800.00	63.00	78.00	86.00	15.00	329.00	8.00	20.00	371.00
440	560438	8286867	0.03	10.00	54.00	70.00	17.00	283.00	28.00	13.89	82.00	5.00	27.00	289.00
67	561238	8286804	0.03	10.00	76.00	1208.00	15.00	451.00	778.00	20.00	117.00	5.00	10.00	519.00
92	560333	8286870	0.02	10.00	10.00	136.00	10.00	143.00	39.00	7.86	45.00	31.00	10.00	163.00
48	562411	8286235	0.02	10.00	80.00	105.00	5.00	48.00	109.00	5.53	18.00	5.00	10.00	15.00
439	560507	8286817	0.02	10.00	19.00	358.00	22.00	90.00	49.00	14.62	73.00	7.00	23.00	146.00
58	562688	8286056	0.02	10.00	1149.00	1506.00	10.00	574.00	348.00	20.00	103.00	5.00	10.00	515.00
466	562209	8286319	0.02	10.00	2154.00	1538.00	220.00	74.00	67.00	20.00	790.00	59.00	65.00	59.00
457	560292	8286910	0.02	10.00	2254.00	414.00	43.00	78.00	76.00	20.00	340.00	32.00	81.00	42.00
59	562704	8286015	0.02	10.00	4019.00	2578.00	4347.00	103.00	786.00	20.00	660.00	5.00	10.00	98.00
459	559884	8287346	0.02	10.00	348.00	3006.00	19.00	68.00	331.00	16.46	56.00	53.00	34.00	156.00
53	562548	8286193	0.02	10.00	1782.00	3440.00	450.00	99.00	185.00	20.00	1040.00	33.00	27.00	107.00
454	560758	8286674	0.02	10.00	65.00	1258.00	27.00	484.00	78.00	20.00	173.00	5.00	46.00	549.00
314	560454	8286792	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
325	560650	8286704	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327	560747	8286677	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
343	561203	8286720	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1198	560174	8286707	0.02	4.00	223.00	272.00	19.00	103.00	75.00	15.00	111.00	8.00	20.00	58.00
1210	560483	8286860	0.02	3.00	85.00	1284.00	55.00	83.00	219.00	11.71	81.00	8.00	20.00	305.00
1237	560487	8286818	0.02	5.00	384.00	259.00	18.00	105.00	185.00	15.00	124.00	8.00	20.00	70.00
1245	560584	8287216	0.02	3.00	26.00	1126.00	20.00	18.00	148.00	7.22	62.00	9.00	20.00	128.00
46	562478	8286230	0.02	10.00	130.00	244.00	30.00	138.00	32.00	20.00	149.00	9.00	19.00	294.00
434	560143	8286852	0.02	10.00	240.00	782.00	67.00	142.00	385.00	18.87	132.00	5.00	36.00	393.00
437	560529	8286812	0.02	10.00	348.00	10.00	36.00	154.00	117.00	20.00	141.00	6.00	43.00	185.00
435	560058	8286878	0.01	10.00	10.00	88.00	38.00	42.00	5.00	20.00	96.00	19.00	63.00	22.00
134	560186	8287012	0.01	10.00	10.00	587.00	49.00	221.00	85.00	7.73	254.00	5.00	10.00	183.00
132	560291	8286895	0.01	10.00	4039.00	1021.00	80.00	141.00	129.00	20.00	349.00	17.00	39.00	65.00
516	560184	8286837	0.01	10.00	193.00	314.00	9.00	37.00	129.00	6.20	43.00	46.00	10.00	17.00
492	561679	8286269	0.01	10.00	46.00	161.00	7.00	69.00	27.00	2.80	36.00	25.00	10.00	12.00
461	562373	8286211	0.01	10.00	46.00	337.00	66.00	86.00	31.00	5.58	38.00	12.00	14.00	45.00
447	560613	8286734	0.01	10.00	27.00	392.00	50.00	93.00	43.00	20.00	260.00	31.00	97.00	287.00
1693	564007	8285233	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
505	562153	8286314	0.01	10.00	18.00	98.00	5.00	85.00	5.00	0.76	40.00	5.00	10.00	10.00
436	560561	8286783	0.01	10.00	216.00	28.00	27.00	140.00	231.00	20.00	115.00	9.00	40.00	166.00
468	562176	8286308	0.01	10.00	10.00	98.00	5.00	29.00	5.00	1.14	20.00	5.00	10.00	15.00
315	560432	8286811	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
318	560329	8286870	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
319	560285	8286890	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
331	562424	8286213	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1164	559972	8287402	0.01	3.00	10.00	204.00	8.00	8.00	26.00	1.69	11.00	8.00	20.00	10.00
1165	559962	8287369	0.01	3.00	291.00	326.00	91.00	721.00	26.00	11.31	453.00	22.00	20.00	170.00
1166	559960	8287357	0.01	3.00	44.00	331.00	18.00	72.00	14.00	3.95	27.00	216.00	20.00	35.00
1167	559753	8287111	0.01	3.00	10.00	200.00	23.00	9.00	24.00	3.90	53.00	8.00	20.00	67.00
1168	559735	8287062	0.01	3.00	20.00	85.00	27.00	23.00	12.00	8.83	160.00	8.00	20.00	118.00
1169	559630	8287035	0.01	3.00	18.00	486.00	51.00	38.00	13.00	9.68	107.00	8.00	20.00	219.00
1170	559686	8286995	0.01	6.00	36.00	712.00	44.00	38.00	161.00	15.00	136.00	8.00	20.00	274.00
1175	559700	8287003	0.01	5.00	38.00	608.00	72.00	101.00	214.00	15.00	200.00	8.00	20.00	235.00
1177	559687	8286991	0.01	3.00	12.00	132.00	55.00	27.00	54.00	3.83	21.00	8.00	20.00	72.00
1178	559674	8286968	0.01	3.00	21.00	23.00	24.00	6.00	33.00	4.95	39.00	8.00	20.00	173.00
1179	559490	8287219	0.01	3.00	52.00	627.00	50.00	26.00	95.00	8.44	74.00	10.00	20.00	249.00
1180	559368	8287088	0.01	3.00	91.00	1107.00	37.00	133.00	15.00	5.34	57.00	8.00	20.00	165.00
1181	559682	8286897	0.01	9.00	3992.00	431.00	48.00	487.00	290.00	15.00	424.00	8.00	20.00	142.00
1183	559771	8286893	0.01	10.00	236.00	179.00	76.00	173.00	28.00	15.00	368.00	8.00	20.00	322.00
1186	559794	8286991	0.01	5.00	130.00	643.00	124.00	73.00	288.00	15.00	248.00	8.00	20.00	295.00
1195	560358	8286564	0.01	3.00	35.00	310.00	28.00	26.00	19.00	2.55	51.00	11.00	20.00	26.00
1196	560227	8286600	0.01	3.00	10.00	30.00	8.00	9.00	4.00	2.55	16.00	8.00	20.00	8.00
1200	560073	8286768	0.01	3.00	147.00	7.00	8.00	94.00	31.00	8.62	29.00	8.00	20.00	110.00
1206	560374	8286974	0.01	3.00	10.00	78.00	8.00	3.00	9.00	0.95	3.00	8.00	20.00	27.00
1207	560474	8286977	0.01	3.00	149.00	2325.00	254.00	16.00	286.00	8.65	117.00	21.00	20.00	193.00
1208	560483	8286960	0.01	3.00	66.00	96.00	8.00	206.00	33.00	12.71	44.00	8.00	20.00	268.00
1209	560491	8286868	0.01	3.00	136.00	997.00	45.00	86.00	254.00	12.34	121.00	8.00	20.00	287.00
1211	560478	8286859	0.01	3.00	25.00	404.00	18.00	21.00	31.00	3.90	12.00	8.00	20.00	96.00
1239	560504	8286808	0.01	3.00	13.00	19.00	8.00	3.00	10.00	1.17	5.00	8.00	20.00	8.00
1240	560535	8286798	0.01	5.00	133.00	12.00	11.00	68.00	80.00	15.00	82.00	8.00	20.00	165.00
1242	560593	8286733	0.01	4.00	282.00	270.00	11.00	36.00	43.00	15.00	125.00	8.00	20.00	61.00

1243	560491	8286840	0.01	3.00	362.00	1373.00	18.00	239.00	33.00	14.69	87.00	8.00	20.00	280.00
1244	560576	8287218	0.01	3.00	41.00	2487.00	15.00	24.00	191.00	9.93	57.00	8.00	20.00	250.00
1246	560560	8287282	0.01	3.00	14.00	1614.00	20.00	68.00	107.00	4.49	44.00	8.00	20.00	136.00
1247	560561	8287311	0.01	3.00	17.00	265.00	10.00	17.00	42.00	3.14	23.00	8.00	20.00	38.00
1562	564108	8285655	0.01	0.04	70.80	810.00	48.10	85.00	198.50	21.30	86.30	31.00	1.70	193.00
1563	564136	8285692	0.01	0.03	47.50	740.00	71.40	70.00	225.00	21.00	186.50	3.70	2.10	194.00
1570	560379	8287211	0.01	0.02	0.90	30.00	0.60	7.00	6.90	0.83	3.30	8.90	0.20	3.00
1571	560379	8287211	0.01	0.58	172.00	2350.00	139.50	109.00	141.50	12.20	355.00	140.00	1.80	104.00
60	562717	8285986	0.01	10.00	3347.00	1873.00	159.00	88.00	70.00	20.00	814.00	5.00	10.00	81.00
126	560466	8286706	0.01	10.00	125.00	224.00	5.00	10.00	12.00	0.53	5.00	90.00	10.00	10.00
77	561450	8286680	0.01	10.00	41.00	22.00	5.00	7.00	17.00	1.35	5.00	5.00	10.00	10.00
446	560448	8286798	0.01	10.00	319.00	36.00	47.00	168.00	117.00	20.00	166.00	8.00	56.00	346.00
438	560507	8286817	0.01	10.00	173.00	185.00	44.00	56.00	60.00	20.00	188.00	22.00	82.00	31.00
445	560419	8286837	0.01	10.00	10.00	90.00	28.00	387.00	30.00	20.00	123.00	5.00	56.00	762.00
44	562501	8286181	0.01	10.00	24.00	601.00	105.00	68.00	310.00	12.61	211.00	5.00	10.00	244.00
499	561795	8286400	0.01	10.00	79.00	1285.00	1164.00	49.00	1859.00	1.16	3473.00	14.00	10.00	43.00
100	561435	8287100	0.01	10.00	10.00	402.00	91.00	28.00	146.00	13.21	172.00	5.00	10.00	296.00
97	561524	8287003	0.01	10.00	10.00	577.00	40.00	59.00	70.00	9.09	41.00	5.00	10.00	241.00
49	562424	8286206	0.01	10.00	255.00	660.00	134.00	18.00	151.00	20.00	47.00	6.00	22.00	95.00
462	562373	8286211	0.01	10.00	104.00	477.00	86.00	124.00	65.00	20.00	81.00	48.00	48.00	88.00
1689	563973	8285671	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
443	560141	8287094	0.01	10.00	15.00	358.00	73.00	33.00	80.00	11.94	146.00	5.00	19.00	239.00
94	561538	8286900	0.01	10.00	368.00	1460.00	27.00	104.00	13.00	14.25	123.00	5.00	10.00	222.00
89	562654	8285787	0.01	10.00	251.00	470.00	270.00	51.00	87.00	13.40	113.00	33.00	10.00	62.00
76	561452	8286696	0.01	10.00	120.00	23.00	5.00	18.00	7.00	1.15	5.00	5.00	10.00	10.00
72	561328	8286579	0.01	10.00	65.00	10.00	5.00	9.00	6.00	0.77	5.00	52.00	10.00	10.00
64	561003	8286801	0.01	10.00	10.00	38.00	5.00	92.00	18.00	5.50	37.00	5.00	10.00	81.00
129	560435	8286813	0.01	10.00	10.00	207.00	16.00	261.00	34.00	17.92	90.00	5.00	15.00	208.00
55	562613	8286121	0.01	10.00	711.00	287.00	82.00	63.00	106.00	18.17	303.00	5.00	10.00	45.00
57	562646	8286127	0.01	10.00	56.00	59.00	5.00	12.00	42.00	0.88	5.00	5.00	10.00	11.00
73	561164	8286674	0.01	10.00	10.00	534.00	5.00	112.00	61.00	3.47	5.00	5.00	10.00	10.00
74	561071	8286607	0.01	10.00	65.00	18.00	5.00	34.00	12.00	1.97	5.00	5.00	10.00	10.00
75	561329	8286589	0.01	10.00	55.00	11.00	5.00	12.00	8.00	1.02	5.00	86.00	10.00	10.00
78	561495	8286642	0.01	10.00	73.00	19.00	5.00	10.00	9.00	0.88	5.00	5.00	10.00	10.00
79	561491	8286772	0.01	10.00	199.00	79.00	5.00	35.00	31.00	1.32	5.00	5.00	10.00	11.00
86	563780	8284890	0.01	10.00	10.00	117.00	47.00	592.00	36.00	12.78	444.00	5.00	15.00	85.00
90	562654	8285787	0.01	10.00	89.00	10.00	5.00	8.00	5.00	0.96	5.00	70.00	10.00	10.00
127	560444	8286777	0.01	10.00	106.00	10.00	5.00	12.00	5.00	0.63	5.00	17.00	10.00	10.00
130	560401	8286839	0.01	10.00	10.00	42.00	11.00	248.00	18.00	7.26	66.00	5.00	10.00	113.00
135	560867	8286621	0.01	10.00	260.00	224.00	5.00	28.00	7.00	0.97	5.00	73.00	10.00	12.00
140	560639	8286717	0.01	10.00	126.00	28.00	5.00	19.00	5.00	1.72	5.00	5.00	10.00	20.00
429	560247	8286923	0.01	10.00	10.00	37.00	5.00	8.00	5.00	0.95	8.00	5.00	10.00	10.00
442	560147	8287124	0.01	10.00	42.00	2885.00	28.00	35.00	5.00	4.93	110.00	5.00	16.00	308.00
444	559862	8287347	0.01	10.00	10.00	319.00	5.00	26.00	5.00	1.67	23.00	5.00	10.00	10.00
458	559899	8287311	0.01	10.00	21.00	58.00	5.00	19.00	8.00	2.07	15.00	26.00	10.00	10.00
460	559884	8287346	0.01	10.00	10.00	1058.00	5.00	37.00	9.00	1.65	19.00	7.00	10.00	24.00
481	563212	8285628	0.01	10.00	69.00	196.00	7.00	48.00	5.00	3.33	58.00	10.00	10.00	25.00
483	560459	8287137	0.01	10.00	40.00	237.00	5.00	48.00	73.00	1.78	39.00	5.00	10.00	15.00
500	561821	8286426	0.01	10.00	15.00	76.00	11.00	22.00	29.00	2.43	40.00	5.00	10.00	46.00
503	562064	8286282	0.01	10.00	2035.00	602.00	169.00	161.00	75.00	20.00	346.00	93.00	64.00	64.00
504	562073	8286326	0.01	10.00	98.00	463.00	5.00	45.00	7.00	1.97	20.00	5.00	10.00	39.00
512	560111	8287179	0.01	10.00	55.00	93.00	15.00	33.00	9.00	5.92	34.00	7.00	10.00	56.00
513	560209	8287292	0.01	10.00	17.00	1603.00	23.00	180.00	22.00	6.53	131.00	35.00	10.00	136.00
1686	562280	8285532	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1687	562447	8285637	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	561582	8286928	0.00	10.00	10.00	456.00	32.00	65.00	71.00	7.21	38.00	5.00	10.00	198.00
1851	562300	8285537	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1852	564056	8285448	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1853	563927	8285356	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2. Tinteiro (Northern) Rock Chip Results.

SAMPLE	X	Y	Au_ppm	Ag_ppm	As_ppm	Ba_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_per	Ni_ppm	Pb_ppm	U_ppm	V_ppm
594	559835	8288782	10.25	0.20	208.00	10.00	28.00	135.00	52.00	41.10	113.00	2.00	10.00	21.00
607	559687	8288789	4.86	0.70	23.00	40.00	3.00	41.00	70.00	32.00	49.00	4.00	10.00	9.00
598	559695	8288793	2.93	0.30	4.00	10.00	7.00	8.00	230.00	27.80	49.00	2.00	10.00	4.00
588	560078	8288735	2.63	0.30	42.00	870.00	165.00	80.00	402.00	28.40	186.00	17.00	10.00	25.00
579	559879	8288611	2.41	0.50	497.00	200.00	97.00	35.00	142.00	19.10	113.00	5.00	10.00	11.00
575	559896	8288487	2.04	0.20	1895.00	30.00	5.00	22.00	121.00	19.80	86.00	3.00	10.00	6.00
586	560015	8288773	1.70	0.20	20.00	50.00	5.00	71.00	80.00	34.00	58.00	2.00	10.00	10.00
573	559871	8288493	1.65	0.20	3950.00	60.00	8.00	35.00	299.00	24.20	82.00	7.00	10.00	11.00
1573	559238	8289031	1.56	0.10	5.60	30.00	11.60	32.00	108.00	38.20	49.70	11.20	0.10	11.00
626	560299	8288577	0.76	0.20	25.00	30.00	6.00	123.00	34.00	39.10	97.00	16.00	10.00	16.00
545	559821	8288534	0.63	0.20	95.00	20.00	3.00	74.00	218.00	28.00	52.00	6.00	10.00	5.00
584	559943	8288761	0.61	0.20	90.00	20.00	1.00	68.00	15.00	33.70	36.00	2.00	10.00	11.00
1572	559217	8288951	0.51	0.26	25.10	100.00	16.10	116.00	79.90	46.70	57.30	2.30	0.30	23.00
1662	559032	8288977	0.40	0.04	3.50	20.00	9.30	23.00	75.50	44.70	54.90	2.90	0.20	7.00
1158	559493	8288712	0.36	3.00	33.00	943.00	54.00	161.00	60.00	10.78	52.00	9.00	20.00	237.00
604	560232	8288618	0.27	0.20	20.00	20.00	5.00	95.00	29.00	32.80	70.00	3.00	10.00	15.00
609	559714	8288768	0.23	0.20	26.00	20.00	1.00	45.00	22.00	39.70	26.00	5.00	10.00	11.00
1586	559121	8289015	0.22	0.08	25.50	40.00	12.70	58.00	101.00	36.30	38.20	3.70	0.20	11.00
547	559823	8288531	0.21	0.20	480.00	20.00	1.00	14.00	79.00	27.30	28.00	9.00	10.00	3.00
1588	559104	8289090	0.20	0.24	1170.00	630.00	71.80	151.00	533.00	38.80	232.00	9.20	1.80	33.00
595	559802	8288823	0.16	0.20	58.00	20.00	7.00	180.00	25.00	35.70	51.00	2.00	10.00	35.00
544	559821	8288534	0.15	0.20	101.00	10.00	8.00	47.00	118.00	15.30	44.00	2.00	10.00	4.00
611	559634	8288784	0.14	0.20	16.00	40.00	14.00	78.00	287.00	34.60	66.00	7.00	10.00	19.00
585	559956	8288725	0.12	0.20	670.00	10.00	1.00	25.00	17.00	36.80	26.00	2.00	10.00	10.00
612	559604	8288780	0.12	0.20	5.00	20.00	1.00	24.00	59.00	37.30	39.00	5.00	10.00	11.00
1659	559053	8289108	0.11	0.24	109.50	290.00	3600.00	817.00	507.00	35.20	2100.00	26.40	0.90	118.00
599	560288	8288617	0.10	0.20	41.00	30.00	8.00	125.00	38.00	35.90	86.00	8.00	10.00	26.00
613	559574	8288781	0.10	0.20	266.00	20.00	2.00	60.00	112.00	30.90	31.00	5.00	10.00	15.00
617	559733	8288921	0.10	0.20	40.00	30.00	5.00	95.00	102.00	42.60	64.00	7.00	20.00	26.00
1140	559867	8288274	0.10	8.00	78.00	60.00	15.00	108.00	38.00	15.00	68.00	8.00	20.00	34.00
569	559917	8288509	0.09	0.20	1920.00	40.00	13.00	31.00	386.00	25.90	133.00	4.00	10.00	9.00
571	559915	8288611	0.09	0.20	111.00	40.00	25.00	87.00	68.00	9.32	112.00	2.00	10.00	20.00
578	560109	8288669	0.08	0.20	32.00	30.00	12.00	23.00	41.00	29.50	55.00	2.00	10.00	6.00
592	559883	8288730	0.08	0.20	122.00	20.00	1.00	16.00	26.00	38.60	34.00	2.00	10.00	11.00
1157	559542	8288701	0.08	8.00	33.00	49.00	25.00	101.00	101.00	15.00	80.00	8.00	20.00	34.00
1666	559038	8288938	0.08	3.84	8.80	40.00	10.00	44.00	58.90	43.50	62.00	2.00	0.30	11.00
1578	559205	8288880	0.07	0.02	81.30	50.00	11.70	213.00	111.00	47.90	103.00	3.60	1.00	35.00
590	560174	8288712	0.06	0.20	33.00	130.00	13.00	133.00	66.00	30.50	90.00	8.00	10.00	14.00
600	560249	8288606	0.06	0.20	54.00	50.00	6.00	103.00	25.00	38.80	86.00	13.00	10.00	25.00
603	560245	8288671	0.06	0.20	39.00	40.00	4.00	102.00	19.00	38.30	73.00	2.00	10.00	28.00
618	559698	8288950	0.06	0.20	22.00	150.00	101.00	277.00	41.00	7.34	180.00	14.00	10.00	33.00
546	559823	8288531	0.05	0.20	449.00	10.00	1.00	11.00	82.00	26.40	29.00	5.00	10.00	3.00
566	559852	8288557	0.05	0.20	160.00	50.00	31.00	320.00	29.00	5.63	232.00	2.00	10.00	37.00
567	559861	8288566	0.05	0.20	189.00	130.00	28.00	117.00	80.00	10.05	182.00	6.00	10.00	11.00
568	559885	8288544	0.05	0.20	2060.00	40.00	3.00	34.00	156.00	27.70	33.00	2.00	10.00	8.00
572	559850	8288496	0.05	0.20	45.00	60.00	16.00	38.00	23.00	2.71	43.00	5.00	10.00	5.00
574	559883	8288492	0.05	0.20	2480.00	50.00	13.00	29.00	175.00	14.90	104.00	8.00	10.00	7.00
576	560087	8288654	0.05	0.20	104.00	20.00	5.00	51.00	33.00	34.50	63.00	2.00	10.00	10.00
577	560088	8288667	0.05	0.20	24.00	30.00	7.00	36.00	62.00	37.00	49.00	2.00	10.00	9.00
580	559840	8288655	0.05	0.20	208.00	50.00	17.00	91.00	245.00	26.80	111.00	2.00	10.00	12.00
581	559847	8288543	0.05	0.20	8480.00	40.00	1.00	28.00	78.00	28.00	36.00	2.00	10.00	8.00
582	559893	8288714	0.05	0.20	615.00	30.00	8.00	102.00	41.00	28.40	42.00	2.00	10.00	11.00
583	559920	8288729	0.05	0.20	90.00	10.00	1.00	65.00	32.00	38.00	70.00	2.00	10.00	15.00
587	560031	8288749	0.05	0.20	16.00	10.00	1.00	22.00	12.00	37.10	30.00	2.00	10.00	8.00
589	560117	8288707	0.05	0.20	26.00	70.00	16.00	35.00	189.00	37.50	98.00	2.00	10.00	10.00
593	559856	8288771	0.05	0.20	22.00	10.00	1.00	32.00	10.00	34.10	34.00	2.00	10.00	11.00
596	559745	8288834	0.05	0.20	86.00	50.00	7.00	58.00	29.00	36.10	117.00	2.00	10.00	15.00
597	559719	8288817	0.05	0.20	24.00	30.00	1.00	27.00	12.00	29.80	24.00	2.00	10.00	10.00
601	560195	8288703	0.05	0.20	11.00	50.00	2.00	73.00	21.00	33.60	45.00	4.00	10.00	9.00

602	560226	8288722	0.05	0.20	31.00	10.00	7.00	182.00	54.00	36.70	96.00	5.00	10.00	21.00
605	560210	8288576	0.05	0.20	39.00	50.00	7.00	126.00	19.00	31.70	73.00	20.00	10.00	15.00
606	560189	8288572	0.05	0.20	29.00	20.00	6.00	19.00	12.00	27.90	63.00	3.00	10.00	7.00
608	559924	8288596	0.05	1.20	304.00	340.00	85.00	113.00	59.00	38.80	654.00	5.00	10.00	29.00
614	559615	8288787	0.05	0.20	92.00	30.00	24.00	165.00	82.00	22.70	91.00	5.00	10.00	13.00
615	559659	8288806	0.05	0.20	121.00	60.00	9.00	141.00	115.00	34.90	42.00	10.00	10.00	18.00
616	559782	8288902	0.05	0.20	26.00	30.00	27.00	58.00	34.00	39.90	75.00	2.00	10.00	12.00
619	559869	8288885	0.05	0.20	7.00	20.00	7.00	62.00	68.00	34.40	35.00	8.00	10.00	10.00
620	559966	8288870	0.05	0.20	15.00	60.00	1.00	335.00	25.00	42.90	66.00	2.00	10.00	31.00
621	559978	8288862	0.05	0.20	14.00	90.00	1.00	117.00	21.00	46.60	67.00	2.00	10.00	16.00
622	559477	8289039	0.05	0.20	17.00	60.00	50.00	526.00	58.00	9.87	186.00	6.00	10.00	55.00
623	560511	8288329	0.05	0.20	2.00	20.00	36.00	1655.00	7.00	3.51	379.00	3.00	10.00	72.00
624	560402	8288569	0.05	0.20	37.00	60.00	20.00	189.00	35.00	35.80	86.00	13.00	10.00	16.00
625	560320	8288580	0.05	0.20	11.00	100.00	13.00	52.00	118.00	32.80	90.00	41.00	10.00	12.00
627	560265	8288590	0.05	0.20	6.00	60.00	17.00	89.00	15.00	3.83	100.00	47.00	10.00	16.00
628	560310	8288527	0.05	0.20	44.00	50.00	10.00	161.00	24.00	38.20	63.00	25.00	10.00	22.00
1585	559250	8288976	0.05	0.06	14.40	20.00	6.40	30.00	12.00	38.00	59.00	2.20	0.10	9.00
1156	559579	8288738	0.04	6.00	77.00	124.00	20.00	147.00	79.00	15.00	62.00	8.00	20.00	65.00
1665	558966	8288956	0.04	0.11	583.00	50.00	19.50	93.00	69.50	50.00	123.00	5.60	5.00	32.00
1139	560226	8288212	0.03	7.00	109.00	58.00	18.00	136.00	86.00	15.00	81.00	8.00	20.00	38.00
1574	559228	8289018	0.03	0.08	11.00	30.00	9.90	55.00	51.30	42.30	47.30	4.70	0.20	8.00
1577	559184	8288986	0.03	0.02	2.50	10.00	6.00	31.00	28.60	22.10	35.30	0.90	0.10	9.00
1582	559141	8288984	0.03	0.05	11.90	20.00	4.20	53.00	26.70	41.60	57.40	5.30	0.20	11.00
1144	560314	8288404	0.02	9.00	47.00	106.00	28.00	54.00	57.00	15.00	122.00	23.00	20.00	51.00
1589	559200	8289041	0.02	0.09	4.30	20.00	5.10	31.00	25.20	27.00	49.50	5.20	0.10	4.00
1133	560784	8288166	0.01	3.00	10.00	11.00	87.00	600.00	6.00	6.78	1455.00	8.00	20.00	146.00
1135	560526	8288183	0.01	7.00	140.00	143.00	23.00	127.00	89.00	15.00	98.00	42.00	20.00	58.00
1136	560529	8288207	0.01	7.00	79.00	170.00	56.00	278.00	35.00	15.00	91.00	24.00	20.00	80.00
1137	560451	8288157	0.01	7.00	87.00	131.00	43.00	145.00	21.00	15.00	80.00	13.00	20.00	46.00
1138	560425	8288134	0.01	3.00	36.00	267.00	28.00	296.00	56.00	8.67	265.00	8.00	20.00	107.00
1141	559862	8288299	0.01	7.00	985.00	34.00	12.00	144.00	58.00	15.00	57.00	8.00	20.00	36.00
1142	559860	8288341	0.01	7.00	191.00	16.00	9.00	72.00	27.00	15.00	48.00	8.00	20.00	29.00
1143	559847	8288348	0.01	8.00	51.00	38.00	23.00	115.00	31.00	15.00	91.00	8.00	20.00	41.00
1145	560322	8288415	0.01	6.00	22.00	12.00	15.00	110.00	20.00	15.00	43.00	8.00	20.00	49.00
1146	559232	8288302	0.01	3.00	163.00	306.00	45.00	331.00	47.00	11.82	229.00	9.00	20.00	101.00
1147	559251	8288385	0.01	3.00	47.00	282.00	54.00	316.00	43.00	8.57	184.00	8.00	20.00	139.00
1148	559256	8288411	0.01	3.00	47.00	397.00	45.00	462.00	45.00	9.58	288.00	8.00	20.00	160.00
1149	559270	8288434	0.01	9.00	2688.00	129.00	17.00	138.00	26.00	15.00	214.00	8.00	20.00	88.00
1150	559254	8288503	0.01	3.00	73.00	527.00	41.00	336.00	53.00	9.19	242.00	8.00	20.00	105.00
1151	559254	8288503	0.01	3.00	12.00	325.00	8.00	8.00	5.00	1.47	8.00	8.00	20.00	24.00
1152	559227	8288710	0.01	3.00	24.00	344.00	19.00	334.00	50.00	11.52	148.00	8.00	20.00	134.00
1153	559331	8288740	0.01	3.00	10.00	1654.00	8.00	7.00	3.00	1.04	4.00	25.00	20.00	8.00
1155	559306	8288758	0.01	6.00	44.00	49.00	15.00	110.00	232.00	15.00	84.00	8.00	20.00	39.00
1159	559328	8288409	0.01	3.00	458.00	408.00	24.00	26.00	11.00	4.52	480.00	8.00	20.00	28.00
1172	560572	8288177	0.01	9.00	230.00	128.00	29.00	103.00	27.00	15.00	110.00	44.00	20.00	47.00
1173	559341	8288742	0.01	3.00	19.00	33.00	11.00	21.00	4.00	1.90	52.00	11.00	20.00	12.00
1575	559211	8289021	0.01	0.03	3.00	10.00	3.10	18.00	11.40	39.80	38.50	1.40	0.10	9.00
1576	559209	8288968	0.01	0.14	48.10	60.00	22.00	108.00	47.90	42.50	70.60	2.10	0.30	17.00
1579	559176	8288896	0.01	0.08	114.00	100.00	26.10	117.00	292.00	38.30	158.00	3.80	2.70	42.00
1581	559144	8288917	0.01	0.02	95.60	20.00	3.10	45.00	45.20	39.80	58.20	2.00	0.80	9.00
1583	559329	8289097	0.01	0.22	16.80	330.00	96.30	325.00	35.80	17.40	307.00	19.30	0.70	70.00
1584	559270	8289023	0.01	0.06	130.00	40.00	21.40	136.00	430.00	50.00	67.70	4.10	0.40	90.00
1587	559131	8289039	0.01	0.10	7.30	10.00	7.40	33.00	134.50	40.90	52.80	6.20	0.10	11.00
1590	559222	8289042	0.01	0.05	5.80	10.00	6.60	48.00	39.00	37.60	28.20	3.90	0.10	8.00
1661	559080	8289041	0.01	0.04	6.40	30.00	12.30	52.00	37.40	36.40	61.30	3.90	0.20	11.00
1663	559043	8288974	0.01	0.04	78.00	70.00	8.60	156.00	47.90	37.90	104.50	3.80	0.70	20.00
1664	558974	8289007	0.01	0.19	61.40	250.00	31.60	215.00	73.80	35.90	121.50	4.60	0.90	62.00
148	560565	8288303	0.01	10.00	442.00	111.00	55.00	935.00	5.00	5.16	702.00	5.00	10.00	70.00
146	560597	8288345	0.01	10.00	64.00	31.00	10.00	23.00	12.00	3.36	5.00	5.00	10.00	10.00
147	560564	8288317	0.01	10.00	186.00	10.00	97.00	2045.00	8.00	6.50	1825.00	45.00	10.00	134.00

Table 3. Tinteiro (Southern) Rock Chip Results.

SAMPLE	X	Y	Au_ppm	Ag_ppm	As_ppm	Ba_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_per	Ni_ppm	Pb_ppm	U_ppm	V_ppm
1729	561138	8285717	20.1	2.51	730.9	178	12.5	396	603.69	36.84	223.1	15.62	9.6	332
1732	560961	8285738	4.5	0.368	47.9	811	21.4	472	225.79	29.09	106.4	13.75	4.5	652
1741	560940	8285775	2.1	0.07	119.1	202	14	243	636.33	33.34	149.7	3.45	4	75
1262	561510	8285679	1.43	3	36	1000	16	184	251	15	107	8	20	764
1744	560934	8285740	1.237	0.08	11.6	101	32.3	129	155.39	56.41	268.1	2.39	3.1	350
1717	561451	8285629	0.9	0.111	5.2	146	20	66	100.95	31.3	74.9	1.8	0.3	13
1676	561486	8285334	0.71	0.11	62.2	420	24.3	192	260	40.6	156	7.7	3.9	324
1253	561276	8285455	0.67	3	96	185	11	40	434	15	83	8	20	443
1675	561486	8285334	0.57	0.11	64.6	120	35.9	117	440	50	194	6.9	10.4	132
1248	561059	8285543	0.47	3	30	69	20	8	108	15	63	8	20	31
1723	561444	8285334	0.236	0.119	43.7	49	37.3	184	106.77	59.52	253.1	5.27	4.1	426
1668	561960	8285300	0.22	0.2	299	1350	59.4	575	521	20.9	362	51.6	4.1	564
1738	560983	8285769	0.139	0.104	54.2	120	35	206	88.59	59.3	219.6	10.5	3.8	534
1251	561101	8285536	0.1	3	38	60	15	3	56	15	65	8	20	32
1254	561296	8285415	0.09	3	116	783	35	272	107	15	204	8	20	773
1681	561827	8285712	0.085	0	0	0	0	0	0	0	0	0	0	0
1257	561387	8285400	0.04	3	90	890	17	316	182	15	136	8	20	652
1720	561409	8285575	0.035	0.075	58.3	235	3.4	75	120.3	6.39	21.6	2.94	2.6	69
1714	561483	8285674	0.028	0.02	3.3	33	1.9	37	19.27	1.22	11.2	0.39	0.1	8
1258	561332	8285401	0.02	3	183	681	18	436	648	15	158	18	20	637
1261	561510	8285679	0.02	3	40	1309	16	314	121	15	58	8	20	509
1670	561838	8285567	0.02	0.05	33.6	230	50	182	83.8	47.3	309	2.7	3	384
1682	561811	8285677	0.02	0	0	0	0	0	0	0	0	0	0	0
1735	560970	8285738	0.014	0.074	13.4	529	17.2	613	93.56	31.06	213	5.23	3.1	757
1747	561002	8284896	0.013	0.073	38.6	179	31.1	315	53.05	13.29	288.8	3.96	1.2	58
1249	561059	8285543	0.01	3	104	409	28	341	64	6.43	226	8	20	130
1250	561085	8285538	0.01	3	39	55	15	16	285	15	55	8	20	33
1252	561105	8285533	0.01	3	29	18	8	9	15	11.76	26	8	20	12
1256	561312	8285402	0.01	3	45	517	41	285	287	15	210	8	20	660
1259	561749	8285715	0.01	3	10	604	8	66	4	2.08	17	8	20	87
1260	561722	8285574	0.01	3	38	767	23	68	49	5.53	49	8	20	130
1263	561582	8285715	0.01	3	35	514	30	84	3	7.01	150	8	20	179
1565	561021	8285106	0.01	0.1	573	420	78.2	295	375	17.5	430	224	2.6	226
1566	561021	8285106	0.01	0.16	380	440	163	839	62.9	33.3	2370	32.4	0.9	98
1567	561040	8285084	0.01	0.05	38.4	130	13.7	29	53.8	2.61	33	6.1	0.7	26
1568	561080	8284986	0.01	0.04	572	110	60.4	73	16.6	18.55	397	2.1	1	16
1569	561080	8284986	0.01	0.03	83.4	60	23.8	33	6.6	7.2	114	1.1	0.4	12
1667	562051	8285432	0.01	0.01	53.8	740	57.1	197	46.4	8.25	96.3	5.3	1.1	196
1669	561991	8285168	0.01	0.08	110	470	48.3	608	338	36.9	431	12.3	2	208
1672	561792	8285422	0.01	0.07	1240	720	1030	214	621	28.7	474	55.7	10.3	5930
1673	561534	8285366	0.01	0.17	10.3	180	43.1	217	895	42.6	235	11	3.4	350
1678	561574	8285459	0.01	0.04	15.7	860	13	513	282	23.3	67.2	13.2	3.4	669
1679	561485	8285370	0.01	0.01	9.6	580	9.4	621	32.7	21.6	180	4.6	3	799
1726	561142	8285756	0.007	0.02	1.9	45	0.4	33	5.68	0.94	3.3	0.68	0.2	20
1680	561827	8285712	0.005	0	0	0	0	0	0	0	0	0	0	0
1683	561834	8285654	0.005	0	0	0	0	0	0	0	0	0	0	0
1684	561826	8285649	0.005	0	0	0	0	0	0	0	0	0	0	0
1686	562280	8285532	0.005	0	0	0	0	0	0	0	0	0	0	0
1750	561318	8284796	0.005	0.088	30.9	325	95	267	53.57	15.82	241	3.9	1.7	50
1753	561334	8285015	0.005	0.02	0.7	20	0.7	27	18.16	1.09	4.6	0.36	0.4	26

Section 1 Sampling Techniques and Data

Criteria	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> • <i>Chip sampling:</i> sampling has been conducted on site following pre-determined selective sections that target rock types, structural and geophysical features. Samples are collected from in-situ outcrops, chipped with a geo pic and bagged in plastic bags with weights between 3-5kg. Samples are bagged in double bags with number codes and a short description of the sampling place (e.g. rock type, features, alteration). All data is stored in a geological database following QA/QC procedures. • All data is stored in the data base following appropriate QA/QC procedures. • Polymetallic mineralization at Tinteiro: silver/tungsten/copper is interpreted as a carbonate replacement mineralization type that overlaps parts of the Cascavel Orogenic style mineralization and represents the most distal expression of the Tinteiro system. Closer to the core of the Tinteiro system gold, copper, barium, cobalt, uranium anomalies occur with hematite, potassic and sodic alteration together with structural features like fold hinges and crosscutting faults that are interpreted as a potential IOCG target.
<i>Drilling techniques</i>	<ul style="list-style-type: none"> • Drilling has been conducted by Servitec Ltda exclusively using diamond drilling. Drill rigs are locally built equipment (MACSonda 320) and are hydraulically assisted. Drilling starts with HQ up to the limit of the equipment or until the rock type permits and is then downsized to NQ size core. Polymer filling is used when necessary. Drilling inclination is generally up to 60°. The core is not oriented.
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> • Recovery is guaranteed by the contractor to not be less than 90% in the ore zones and is recorded every meter of advance with metal plate markings on the core tray boxes with drilling reports delivered daily. • Orinoco technician check the numbers and measure the interval recorded on the drilling reports for data reconciliation as soon as the boxes are on the core shed; • Assays for gold are completed using Screen Fire Assay on the ore zone and ordinary Fire Assay for samples outside the ore zone, to minimize the analytical problems related to coarse gold.
<i>Logging</i>	<ul style="list-style-type: none"> • All chip samples have a brief description recorded in the database and are preferentially used to recognize geochemical anomalies. The geological description is recorded on a card brochure and lodged on the sampling table in the data base; • The core samples are geologically logged in an appropriated level of detail concerning mineral resources, mining studies and metallurgical studies, where the main lithology and kind of alteration is described and the alteration minerals, veins, fractures, faults quantified. • All drill cores and channels are photographed. • All intersections are logged, with lengths varying between 0.5 and 1 meter or limited to the presence of geological boundaries in ore zones. • Main Hydrothermal Alteration minerals are logged quantitatively in the logging spreadsheet.
<i>Sub-sampling techniques</i>	<ul style="list-style-type: none"> • Drill core is sawn in half with a diamond core saw and half core is sent to the laboratory.

Criteria	Commentary
<i>and sample preparation</i>	<ul style="list-style-type: none"> • Chip samples are sent to the laboratory without drying or splitting. • The drill core boxes are marked meter by meter, according to the recovery of each interval. A geologist subsequently marks all lithological contacts and possible ore zones in the boxes. Duplicates are inserted in each batch of 20 samples. Blanks and standards are inserted approximately every 30 meters; • Blanks and standards are inserted into chip samples batches; • The core sample duplicates are the quarter of the remaining cores halves;
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> • In the lab, all samples are dried at 100°C and crushed to 9 mesh in a jaw crusher. The samples go to a Jones or Rotary splitter and 500g of material is separated and powdered to 150 mesh. The 150# pulp is quartered and an aliquot of 50g is obtained. This aliquot is analysed by Fire Assay in non-ore samples. Metallic Screen Fire Assay is applied if the sample is considered ore. Selective samples are analysed in ICP-MS (Inductively Coupled Plasma Atomic Emission Spectrophotometry), with a multi-acid digestion for 32 elements. • Standards (insertion of different standards in each 30 samples approximately): If less than 10% is outside of the mean + 2x Std. Dev, the results are validated. If less than 10% is outside the Mean + 3x Std. Dev, but there are standards between the first and these two points - the results are validated, but the Lab is notified. If more than 10% is outside the Mean + 3x Std. Dev, the batch (40 samples) is rejected, an investigation is required and a re-analysis of the batch is made; • Blanks (insertion in each 30 samples approximately): If less than 5% is above 5x the detection limit of the Lab, the results are validated. If more than 5% is above 5x the detection limit, the Lab is notified and the batches with failure are re-analysed; • Duplicates (insertion in each 20 samples – Bias control): Project Duplicates are core quarter and Lab duplicates are Gravel and Pulp Duplicates.
<i>Verification of sampling and assaying</i>	<ul style="list-style-type: none"> • All assay results are verified, with the reported intersections being selected with a 0.2 g/t cut-off grade; • Twinned drill holes aren't used as it is not an adequate check in a coarse gold deposit; • The data entry and storage of physical data is made on site at the project and the data is stored electronically.
<i>Location of data points</i>	<ul style="list-style-type: none"> • All drill holes, trenches and channels were located with Total Station and the down-hole surveying is made with Deviflex or Multi-shot depending on the inclination. Multi-shot for vertical drill holes and Deviflex for inclined drill holes; • Chip samples are located with a hand held GPS • The grid system used is UTM South American 1969 - Zone 22 S; • The topography crew uses local landmarks to guarantee the quality of their surveying.
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> • Rock chip samples are selective samples of outcrop.
<i>Orientation of data in relation to geological</i>	<ul style="list-style-type: none"> • The data orientation is intended to cover lithological or structural targets.

Criteria	Commentary
<i>structure</i>	
<i>Sample security</i>	<ul style="list-style-type: none"> • Samples are stored in plastic sample bags, stored in the core shed on site prior to transport to the lab. • All laboratory pulps are stored in the core shed in boxes supplied by the labs, stacked in dry places.
<i>Audits or reviews</i>	<ul style="list-style-type: none"> • No audit or review has been undertaken regarding the results reported in this announcement.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> • The Faina Goldfield project is 70% owned by Orinoco do Brasil Mineração Ltda, which in turn is 100% owned by Orinoco Gold Ltd. The 30% partners are free carried during the exploration stage until a decision to mine. • The Sertão and Antena mining leases are being acquired 100% by Orinoco, but the acquisition remains subject to previously announced conditions precedent. • Some locations within the Cascavel project have archaeological sites that are required to be mapped and photographed prior to removal of the sites. • The key Tinteiro tenements are granted exploration leases.
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> • Exploration for oxide gold deposits was well developed through the belt during the last 20 years, in different cycles and by different companies. A reasonable amount of surface exploration was carried out. Soil, stream sediments and chip sampling (for gold) are widespread along and around both belts. Those surface surveys detected several gold and arsenic anomalies (about 64 anomalies are described). Some of those anomalies were tested with drilling, frequently with positive results. However drilling was generally very shallow RAB drilling.
<i>Geology</i>	<ul style="list-style-type: none"> • Gold mineralisation is widely distributed on the Faina Greenstone Belt, occurring on the ultramafics, felsic and mafic volcanics, on the clastic metasedimentary sequence and particularly at the chemical metasedimentary rocks; • Golden trends seem to be very continuous also along the strike, mostly associated with the main regional scale shear zones; • Mineralisation style is also varied on the belt. Most of the gold mineralisation can be classified as Orogenic, mainly hosted in chemical and volcanoclastic sedimentary units. The following models are considered relevant: Shear Hosted (Orogenic) associated with carbonaceous/BIF hosts, mafic volcanic and volcanoclastic units. Paleo-Placer/Conglomerate Hosted: associated with meta-conglomerates within the Proterozoic (Paleo?) transgressive clastic sequence. Au rich VHMS: hosted by younger Meso-Proterozoic intrusives in the volcanosedimentary rocks sequence in the Goiás Block, potentially in the Faina greenstone. The silver-tungsten-copper mineralisation at Cascavel has been interpreted as a carbonate replacement deposit due to the strong relationship to the impure limestone unit and crosscutting faults. Tinteiro Target shows features so far interpreted as being related to a late IOCG system.

Criteria	Commentary
<i>Drill hole Information</i>	<ul style="list-style-type: none"> No drill holes are reported in this announcement.
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> No data was aggregated in this announcement.
<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> Reported rock chips are single point, selective samples of outcropping lithologies.
<i>Diagrams</i>	<ul style="list-style-type: none"> Diagrams are attached to the current announcement
<i>Balanced reporting</i>	<ul style="list-style-type: none"> This announcement is a comprehensive report
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> Only assays for rock chips are reported in this announcement.
<i>Further work</i>	<ul style="list-style-type: none"> Drilling is required to test the identified targets at depth.