



NEW PRIORITY PORPHYRY TARGETS IDENTIFIED AT THE LANA CORINA AND FORTUNA COPPER PROJECTS

Culpeo Minerals Limited (**Culpeo** or the **Company**) (ASX: CPO, OTCQB: CPORF) is pleased to provide an update on exploration and corporate activities at its Lana Corina and Fortuna Projects in Chile.

ACTIVITY HIGHLIGHTS

LANA CORINA PROJECT

- **New High-Priority Porphyry Target Confirmed at Lana Corina:** Results from follow-up mapping, rock chip, and channel sampling at the Vista Montana Prospect have confirmed a **well-defined 250m by 250m (footprint) copper porphyry target** (Figure 1).
- Surface sampling returning results of up to **2.62% copper, 2.07g/t gold, 11.2g/t silver, 749ppm antimony and 117.5ppm bismuth** (Assay results are presented in Appendix 1, refer ASX announcement dated 27 May 2024).
- **Maiden Diamond Drilling Program Scheduled to Test the New Target:** A three-hole diamond drilling program is in advanced planning and is expected to commence Q2 CY25.

FORTUNA PROJECT

- **New Porphyry Target Defined at Fortuna:** La Florida Prospect exhibits classic porphyry-style alteration and geochemical zonation, with previous surface sampling returning results of up to **3.96% copper and 2.61g/t gold**.
- **Initial Diamond Drilling Program Planned:** A four-hole diamond core drilling program to test La Florida is currently expected to commence by the end of May 2025.

CORPORATE

- **Revised Lana Corina Earn-In Agreement:** Stage 4 payment has been reduced from US\$750,000 to US\$100,000, following agreement on an amended earn-in schedule.
- **Negotiation of New Long-Term Access Agreement at Lana Corina:** Process is underway with the local Soruco community to support long-term drilling activities.

Culpeo Minerals' Interim Executive Chairman, Geoff McNamara, commented:

"We have been busy in the background to enable upcoming drilling at key prospects across both our Lana Corina and Fortuna Projects in Chile. The two newly confirmed porphyry targets announced today will be the subject of an exciting drilling campaign in the coming months. Lana Corina and Fortuna,



in combination with the recently acquired Jupiter Project, provide a superb portfolio of exploration opportunities capable of delivering further high-impact, high-grade copper discoveries."

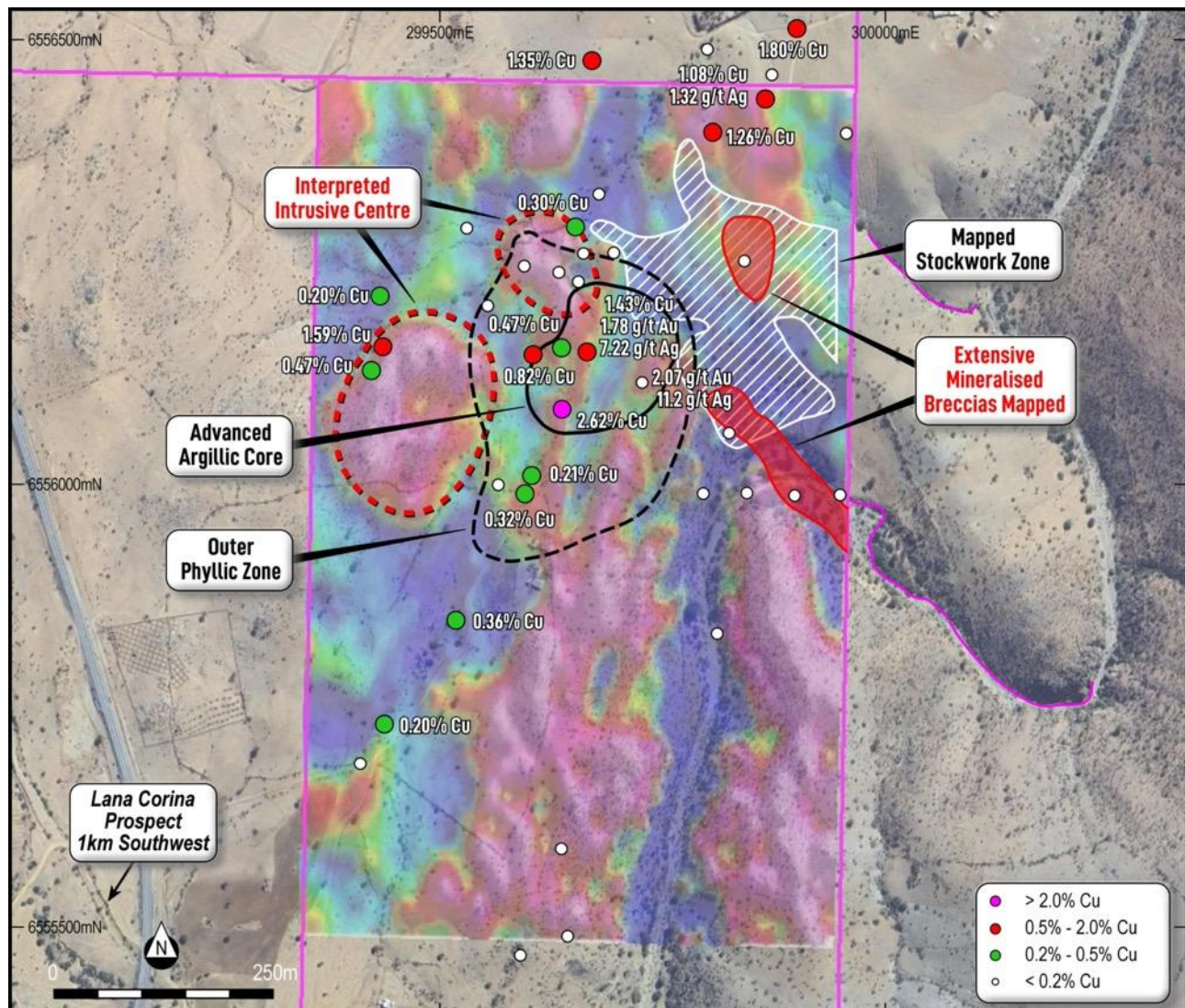


Figure 1: Vista Montana porphyry target approximately 250m x 250m, interpreted to be a "finger" of a larger buried intrusive identified by geophysics, (refer ASX announcement dated 18 May 2022).

LANA CORINA PROJECT (50% CULPEO, EARNING 80%)

The Lana Corina Project is located in the coastal belt of Chile, approximately 350km north of Santiago, benefiting from substantial existing local infrastructure including sealed road access and a 75MW power station approximately 3km to the east.

The Project is situated within a northeast-southwest structural trend, extending for more than 3km of strike and up to 400m in width. High-grade copper mineralisation is associated with outcropping



breccia pipes, which occur in the upper levels of a large copper-bearing porphyry-hosted mineralised system.

HIGH-PRIORITY TARGET CONFIRMED AT THE VISTA MONTANA PROSPECT

Recently completed mapping, rock chip, and channel sampling at Vista Montana follow on from previous soil sampling and geophysical results and analysis^{3,4,10}.

Results from the latest round of sampling provide confirmation of a well-defined copper porphyry target, exhibiting typical zoned alteration and associated geochemical zonation commonly associated with copper-bearing porphyry intrusions. At surface, the core of the porphyry target at Vista Montana measures approximately 250m x 250m and is interpreted to represent a “finger” of a larger, buried intrusive identified through geophysics¹⁰ (Figure 1).

Copper-mineralised porphyry systems often display a well-developed alteration and geochemical zonation which aid in the targeting and identification of high-priority intrusive centres. Vista Montana demonstrates the classical porphyry zonation, significantly upgrading its status as a high-priority target for Culpeo (Figures 1, 2 and 3).

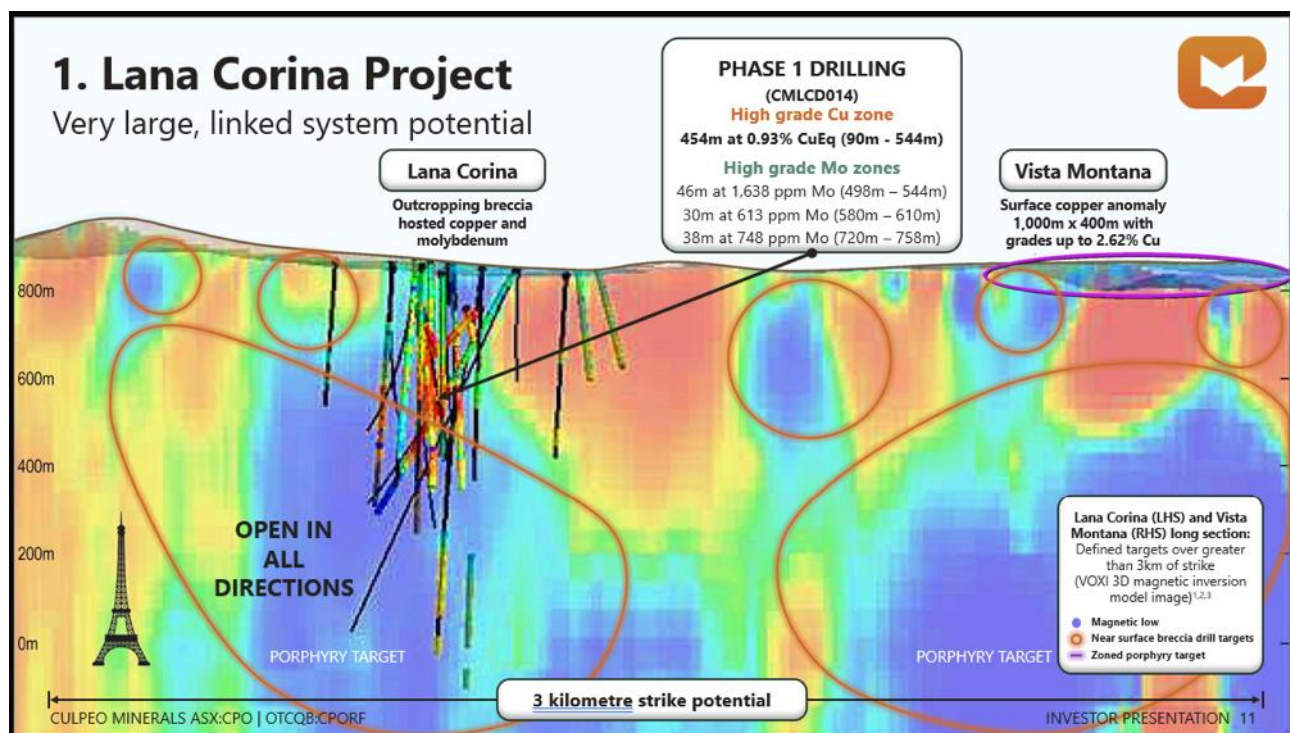


Figure 2: Lana Corina and Vista Montana mineralised trend and location of the Vista Montana zoned porphyry target above a larger interpreted porphyry target. Image of inverted magnetics (Refer ASX announcement 31 August 2022)^{1, 2, 5}.

There remains considerable potential for additional high-grade copper discoveries along the approximately 3km prospective trend from Lana Corina in the south to Vista Montana in the north,



where several undrilled breccia targets have been identified along this corridor, in addition to the newly confirmed Vista Montana porphyry target.

MAIDEN DRILLING PROGRAM AT VISTA MONTANA

The large copper-bearing zone at Vista Montana is considered prospective for intrusive-hosted copper mineralisation at surface. The metal assemblage observed suggest a shallower erosional level at Vista Montana, relative to typical vertical and lateral zonation of porphyry systems (Figure 3), indicating that the mineralised system is present at or near surface.

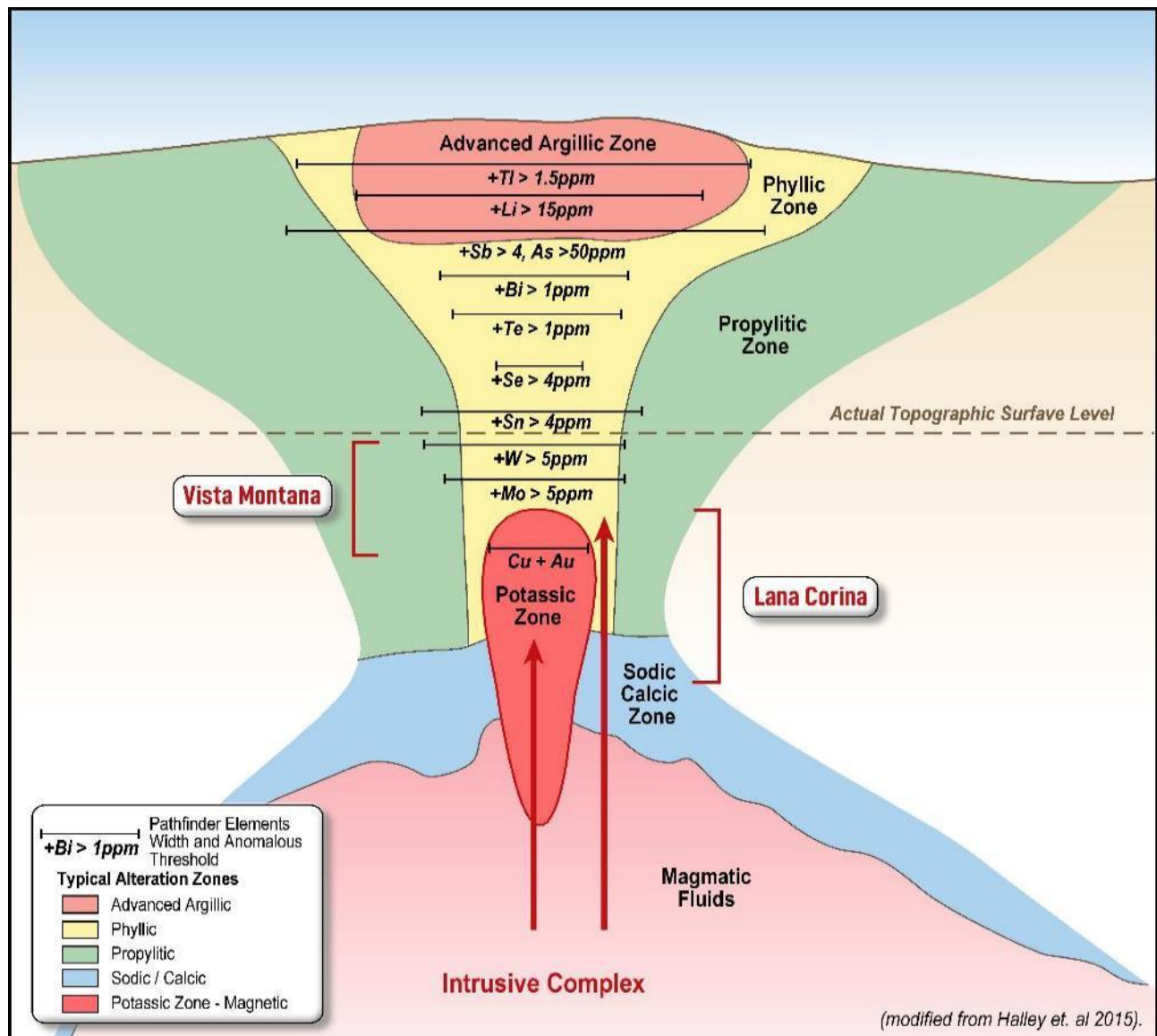


Figure 3: Schematic Diagram showing the pathfinder geochemical and alteration patterns of a typical porphyry copper mineral system and the relative location of Lana Corina and the NE-Sector – Vista Montana (modified from Halley et. Al. 2015)⁴.

Mineralisation begins at surface and is expected to continue at depth, with the metal assemblage evolving as the system becomes deeper and hotter (Figure 3).



Culpeo has planned an initial three-hole diamond drilling program to test the Vista Montana porphyry target. Due to the proximity of the small settlement of Soruco, located approximately 750m northwest of the target area, the Company is in the process of negotiating a long-term access agreement with the Soruco community to facilitate both the initial drilling and future exploration programs at Vista Montana. It is expected that an access agreement will be finalised within the next two months.

REVISED LANA CORINA EARN-IN AGREEMENT

Culpeo has agreed to an amended Earn-In Schedule for the acquisition of Lana Corina. To date, the Company has met the required expenditure and work commitments to earn a 50% ownership interest in Lana Corina (refer ASX announcement dated 21 March 2024). Under the terms of the amended Earn-In Schedule, Culpeo retains the option to increase its ownership to an 80% aggregate interest in the Project through a further four staged payments at six-monthly intervals (Table 1), and a right of first refusal to acquire the final 20%, for 100% ownership. Culpeo has sole discretion as to whether the consideration at each remaining stage is settled in shares or cash. A key benefit of the amendment is the reduction of the Stage 4 payment from US\$750,000 to US\$100,000, payable by Culpeo on execution of the amended agreement.

Table 1: Amended Lana Corina Project Earn-In Schedule

Stage	Period from original signing	Consideration*	Work Commitment	Stage Interest	Aggregate Interest
	(Months)	(US\$)	Description	(%)	(%)
1	Signing	100,000	N/A	0	0
2	12	150,000	US\$1M expenditure	20	20
3	24	250,000	US\$1M expenditure	30	50
4	3 rd May 2025	100,000	N/A	0	50
5	4th March 2026	750,000	N/A	5	55
6	4th September 2026	700,000	N/A	10	65
7	4th September 2027	1,000,000	N/A	5	70
8	4th September 2027	1,650,000	N/A	10	80

* Culpeo has the option of cash or share payments in the remaining four stages under the Earn-In Schedule.



FORTUNA PROJECT (80% CULPEO)¹²

The Fortuna Project is located approximately 10km north of Lana Corina and host numerous historic mine shafts and small-scale mining sites that previously exploited near-surface mineralisation. The surface geology exhibits strong similarities to lithologies, and alteration styles observed at Lana Corina, indicating that the area is highly prospective for hosting high-grade copper mineralisation.

Exploration at Fortuna has identified nine high-priority outcropping prospects: El Quillay North, El Quillay Central, El Quillay South, El Quillay West, El Quillay East, Vaca Muerta, Piedra Dura, La Florida, and Lucero^{12,13,14,15,16}.

NEW PORPHYRY TARGET IDENTIFIED AT THE LA FLORIDA PROSPECT

Recent exploration and analysis at the La Florida Prospect have identified an additional copper porphyry target to the north of the Fortuna Project tenement area (Figure 4).

The La Florida porphyry target exhibits classic porphyry-style alteration and geochemical zonation, with previous surface sampling returning results of up to 3.96% copper and 2.61g/t gold (refer to ASX announcement 4 January 2024).

INITIAL DRILLING AT THE LA FLORIDA PROSPECT

Final preparations are currently underway, including securing site access and selecting a drilling contractor, to commence testing this large and compelling target. An initial four-hole diamond drilling program has been planned and is expected to commence in the next four to six weeks.

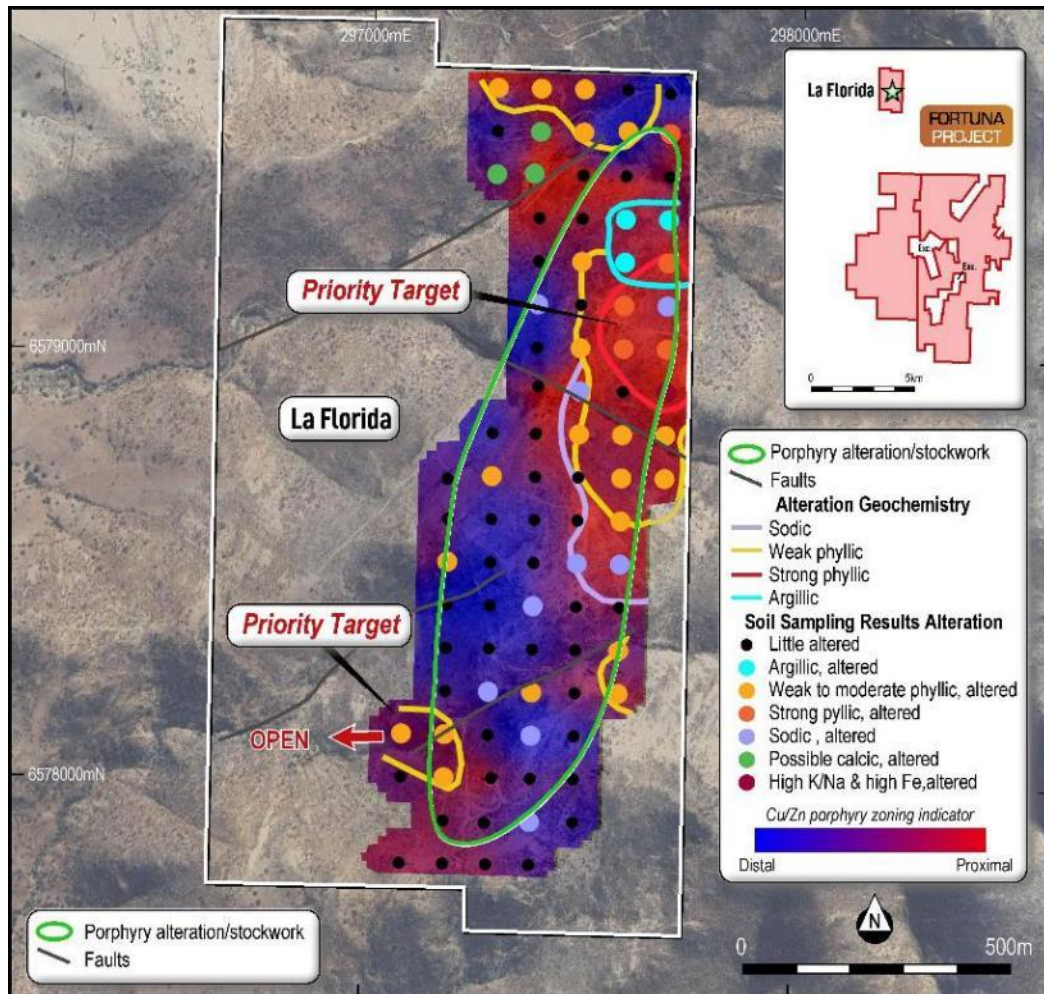


Figure 4: Plan view of the La Florida Prospect showing high priority porphyry targets over an area of 1.7km by 0.5km.

This announcement has been authorised by the Board of Directors of Culpeo Minerals Limited.

COMPANY CONTACT

Geoff McNamara

Interim Executive Chairman

E: geoff.mcnamara@culpeominerals.com.au

P: +61 (08) 6383 7894

ABOUT CULPEO MINERALS LIMITED

Culpeo Minerals Limited is committed to copper exploration, discovery and development, with strategic assets in Chile, the world's leading copper-producing nation. The Company is focused on high-grade copper systems within Chile's infrastructure-rich Coastal Cordillera.

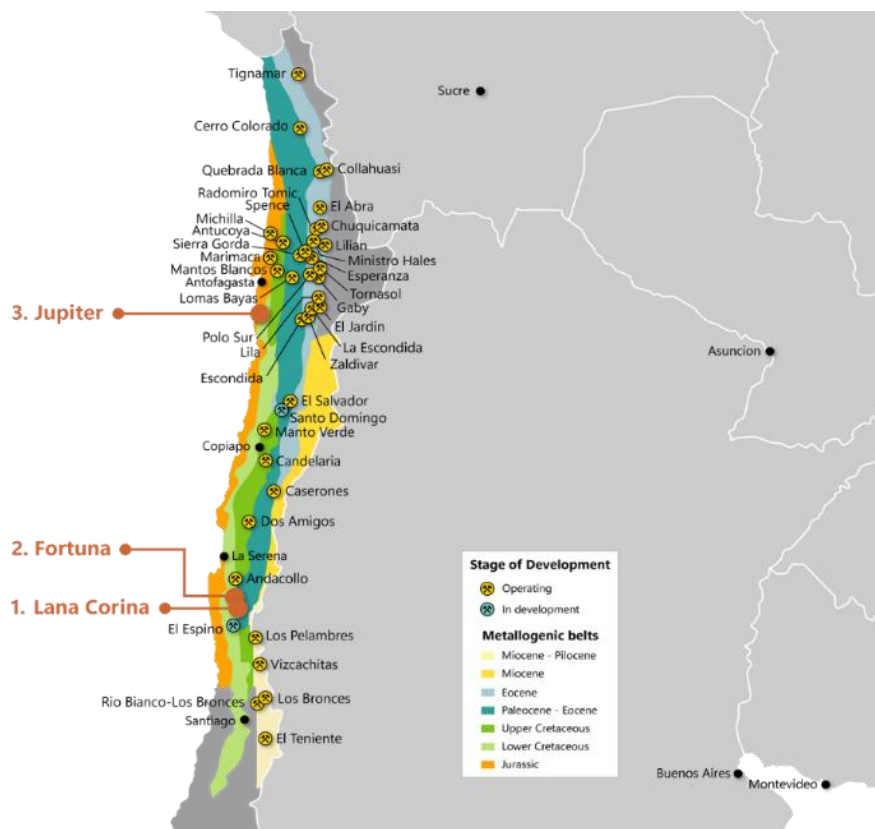
Culpeo has recently announced a significant copper and molybdenum discovery at the Lana Corina Project and acquired the highly prospective Fortuna and Jupiter copper-gold projects.

The Lana Corina and Fortuna Projects are located in Chile's Coquimbo Region, approximately 350km north of Santiago, in proximity to the world-class Los Pelambres mine. The Jupiter Project is situated in the Antofagasta Region, renowned for hosting multiple tier-one copper and gold operations, including Escondida, Collahuasi and El Teniente.



These project areas feature substantial outcropping high-grade copper systems, and importantly, they are supported by well-established regional infrastructure, including roads, power transmission lines, water sources and a strong local mining industry - factors critical in enabling cost-effective and efficient development.

The Company is led by a highly experienced board and management team with more than two decades of operational and exploration experience in Chile. Culpeo's objective is to deliver Shareholder value through the exploration, acquisition and development of high-grade, near-surface copper systems.



COMPETENT PERSONS STATEMENTS

The information in this report that relates to Exploration Results is based on information compiled by Mr Zeffron Reeves (B App Sc (Hons) Applied Geology) MBA, MAIG). Mr Reeves is a member of the Australian Institute of Geoscientists and a Director and shareholder of the Company. Mr Reeves has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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. Mr Reeves consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to historical Exploration Results is based on information compiled by Mr Maxwell Donald Tuesley, BSc (Hons) Economic Geology, MAusIMM (No 111470). Mr Tuesley is a member of the Australian Institute of Mining and Metallurgy and is a Shareholder and was a Director of the Company. Mr Tuesley is a member of the Australian Institute of Mining and Metallurgy and is a Shareholder and was a Director of the Company. Mr Tuesley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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. The Company confirms it is not aware of any new information or data that materially affects the exploration results included in the original announcements.



The information in this report that relates to Geophysical Results is based on information compiled by Nigel Cantwell. Mr Cantwell is a Member of the Australian Institute of Geoscientists (AIG) and the Australian Society of Exploration Geophysics (ASEG). Mr Cantwell is a consultant to Culpeo Minerals Limited. Mr Cantwell has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources & Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the historical geophysical results included in the original reports.

FORWARD-LOOKING STATEMENTS

The information contained in this release is not investment or financial product advice and is not intended to be used as the basis for making an investment decision. Please note that, in providing this release, the Company has not considered the objectives, financial position or needs of any particular recipient. The information contained in this release is not a substitute for detailed investigation or analysis of any particular issue and does not purport to be all of the information that a person would need to make an assessment of the Company or its assets. Current and potential investors should seek independent advice before making any investment decisions in regard to the Company or its activities.

This announcement includes "forward-looking statements" within the meaning of securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of the words "anticipate", "believe", "expect", "project", "forecast", "estimate", "likely", "intend", "should", "could", "may", "target", "plan", "guidance" and other similar expressions. Indications of, and guidance on, future earning or dividends and financial position and performance are also forward-looking statements. Such forward-looking statements involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, and which may cause actual results, performance or achievements to differ materially from those expressed or implied by such statements.

Forward-looking statements are provided as a general guide only, and should not be relied on as an indication or guarantee of future performance. Given these uncertainties, recipients are cautioned to not place undue reliance on any forward-looking statement. Subject to any continuing obligations under applicable law the Company disclaims any obligation or undertaking to disseminate any updates or revisions to any forward-looking statements in this document to reflect any change in expectations in relation to any forward-looking statements or any change in events, conditions or circumstances on which any such statement is based.

This announcement is not, and does not constitute, an offer to sell or the solicitation, invitation or recommendation to purchase any securities and neither this announcement nor anything contained in it forms the basis of any contract or commitment.



Appendix A: Sampling Results

Samp_ID	Northing	Easting	Elevation	Au_ppm	Ag_ppm	Al_%	As_ppm		Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm
CPO0009295	6556099	299650	835	0.416	5.92	0.98	713	396	0.18	2.45	1.64	4.96	4.41
CPO0009296	6556057	299679	880	0.0025	0.124	5.86	20.9	910	0.51	0.028	10.6	1.175	29.7
CPO0009297	6556054	299705	872	0.098	1.095	1.46	262	1620	0.31	0.842	8.71	2.72	12.95
CPO0009298	6556037	299578	859	0.062	3.32	5.76	297	1100	0.59	1.015	2.22	3.67	11
CPO0009299	6556013	299579	877	0.346	0.97	2.14	217	4380	0.3	3.39	5.04	1.75	10.15
CPO0009301	6556034	299560	874		0.096	8.24	9.71	1260	0.77	0.044	5.76	0.314	28.8
CPO0009302	6556070	299569	870	0.221	1.75	4.93	145.5	3270	0.53	1.35	2.59	0.692	17.6
CPO0009303	6556114	299549	864	0.0025	1.08	7.11	6.01	460	0.59	0.181	3.77	0.077	26.9
CPO0009304	6556071	299502	876	0.0025	0.186	0.84	42.4	3710	0.24	0.087	11.9	1.58	28.5
CPO0009305	6556087	299510	872	0.011	0.245	1.4	60.9	4120	0.28	0.179	7.56	1.725	13.5
CPO0009306	6556109	299519	868	0.0025	0.126	5.21	15.65	760	0.44	0.025	13.5	2.27	18.15
CPO0009307	6556182	299593	860	0.0025	0.135	7.32	10.8	296	0.76	0.048	3.81	0.249	16.55
CPO0009308	6556204	299595	858	0.006	0.217	0.38	38.1	147	0.05	0.27	0.17	0.049	7.86
CPO0009309	6556217	299613	858	0.0025	0.037	7.25	11.8	490	0.8	0.032	3.86	0.285	13.8
CPO0009311	6556212	299550	853	0.012	0.175	8.24	18.1	510	0.87	0.072	1.84	0.106	42.1
CPO0009312	6556205	299553	854	0.0025	0.694	4.88	95.6	4920	0.48	0.136	6.57	2.32	19.15
CPO0009313	6556188	299549	857	0.005	1.715	4.61	93.5	2270	0.43	0.263	2	2.76	11.2
CPO0009314	6556147	299521	863	0.0025	1.525	5.7	54.5	1220	0.46	0.027	1.54	0.881	22.5
CPO0009315	6556256	299629	832	0.0025	0.268	6.3	43.6	460	0.63	0.194	4.68	1.12	18.1
CPO0009316	6556278	299646	842	0.005	0.713	2.84	149	207	0.35	0.637	5.75	2.17	12.25
CPO0009317	6556298	299666	843	0.0025	0.222	4.31	21.5	5520	0.51	0.075	7.77	0.303	32.8
CPO0009318	6556297	299664	842	0.0025	0.339	2.77	72	266	0.57	0.293	8.2	0.574	17.8
CPO0009319	6556286	299680	849	0.005	0.108	3.56	28.8	2420	0.5	0.087	13.85	0.379	35.7
CPO0009321	6556264	299696	859	0.0025	0.066	3.28	30.7	840	0.43	0.027	15.85	1.38	31.7
CPO0009322	6556242	299708	866	0.0025	0.094	4.65	22.5	6710	0.43	0.08	6.55	1.045	16.75
CPO0009323	6556445	299832	834	0.005	0.795	2.31	18.05	770	0.39	0.094	19.6	2.07	49.2
CPO0009324	6556398	299803	838	0.041	2.39	7.42	16.95	136	0.64	0.503	3.29	1.905	21.8
CPO0009325	6556455	299766	830	0.444	1.69	7.6	180	990	0.61	5.56	2.54	0.19	21.5
CPO0009326	6556453	299768	832	0.192	0.4	4.95	19.75	490	0.55	0.309	10.95	0.185	43.9
CPO0009327	6556489	299754	834	0.023	0.038	0.51	8.67	89	0.17	0.027	0.93	0.284	5.35
CPO0009328	6556497	299766	831	0.023	0.933	5.97	14.7	1490	0.17	0.049	0.11	0.045	11.05
CPO0009329	6556433	299714	839	0.0025	0.102	4.27	9.64	297	0.64	0.018	11.95	0.546	28.5
CPO0009331	6556390	299722	838	0.009	0.072	5.83	12	245	0.59	0.042	9.55	0.832	23.2
CPO0009332	6556850	299575	827	0.005	0.183	2.67	15.7	449	0.46	0.112	2.72	0.451	21.2
CPO0009333	6556863	299636	823	0.0025	0.287	4.86	14.25	6450	0.53	0.068	1.22	0.155	18.65
CPO0009334	6556770	299590	836	0.029	9.47	8.35	19.85	510	0.75	0.982	0.12	0.822	43.1
CPO0009335	6556520	299895	829	0.112	2.29	7.94	14.85	397	0.93	0.415	5.27	0.348	52.5
CPO0009336	6556698	299684	833	0.0025	0.081	2.44	10.5	4720	0.49	0.064	1.38	0.304	9.36
CPO0009337	6556800	299850	830	0.0025	0.325	7.67	50	840	0.49	0.37	0.12	0.15	10.9
CPO0009338	6556853	299839	835	0.009	0.112	9.1	58.5	3010	1.3	0.586	1.45	0.135	44.3
CPO0009339	6557153	299662	870	0.0025	0.05	9.55	22	580	0.99	0.079	3.23	0.072	45.5
CPO0009341	6557096	299592	860	0.008	0.132	8.65	25.2	362	1.07	0.182	3.76	0.075	34.4
CPO0009342	6557346	299855	922	0.152	31	8.16	10.75	590	1.08	4.72	1.8	0.08	47.2
CPO0009343	6557275	299504	902	0.012	0.298	7.24	53.7	870	0.72	0.103	0.24	0.21	31.5
CPO0009344	6556765	299611	837	0.0025	0.142	5.52	11	5530	0.47	0.045	6.4	0.841	25.6
CPO0009345	6555471	299662	846	0.021	1.285	0.48	84.4	57	0.17	1.02	0.09	0.11	9.9
CPO0009346	6555391	299713	807	0.361	2.38	0.95	107	178	0.16	1.515	0.17	0.383	22.6
CPO0009347	6555458	299788	827	0.055	1.94	10.25	21.2	1450	0.83	9.12	0.46	0.253	24.1
CPO0009348	6555453	299787	827	0.023	0.93	9.02	17.1	790	0.93	7.51	1.22	1.1	50.1
CPO0009349	6555436	299777	823	0.039	4.09	9.98	71.2	980	0.77	7.33	0.68	0.237	52.8
CPO0009351	6555595	299782	820	0.01	0.313	6.21	51.5	670	0.55	0.46	5.42	5.89	35.6
CPO0009352	6555548	299782	823	0.417	2.18	3.1	46.6	440	0.48	0.611	0.16	0.68	11
CPO0009353	6556094	299543	877	0.005	0.3	7.2	7.05	79	0.68	0.115	3.87	0.158	24.9
CPO0009354	6556076	299559	878	0.0025	0.107	6.7	6.65	1060	0.77	0.027	5.64	0.314	28.4
CPO0009355	6556052	299578	883	0.403	0.67	2.28	63.9	3720	0.31	1.22	0.72	0.731	10.1
CPO0009356	6556052	299595	885	0.005	0.147	8.65	18.95	570	0.85	0.031	3.75	0.316	18
CPO0009357	6556039	299609	887	0.0025	0.143	8.67	16.25	510	1	0.058	6.33	0.411	44.2
CPO0009358	6556036	299619	890	0.134	1.995	3.4	307	460	0.44	3.27	0.18	0.826	7.73
CPO0009359	6556030	299628	892	0.008	0.192	8.58	26.6	359	0.72	0.111	4.98	0.975	16.05
CPO0009361	6556015	299630	893	0.0025	0.206	8.63	35.4	306	0.79	0.119	3.7	1.275	16.65
CPO0009362	6556016	299667	889	0.114	16.1	5.1	758	3290	0.4	2.29	6.32	29.3	16.5
CPO0009363	6556008	299685	885	0.046	0.495	1.46	88.5	400	0.25	0.493	4.24	1.15	10.95
CPO0009364	6555999	299691	881	0.0025	0.13	0.89	9.79	2600	0.24	0.103	4.03	0.193	7.96
CPO0009365	6555993	299681	857	0.0025	0.03	4.94	18.95	1550	0.4	0.01	14.4	0.955	24.1



Samp_ID	Northing	Easting	Elevation	Au_ppm	Ag_ppm	Al_%	As_ppm		Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm
CPO0009366	6555992	299693	855	0.006	0.099	8.17	10.75	730	1.07	0.068	3.2	0.074	40.2
CPO0009367	6555999	299700	879	0.0025	0.056	10.35	2.88	396	0.58	0.01	4.69	0.059	18.35
CPO0009368	6556337	299375	857	0.0025	0.057	9.75	2.39	359	0.62	0.013	4.74	0.072	18.25
CPO0009369	6556318	299418	854	0.0025	0.081	9.07	4.88	380	0.8	0.019	4.42	0.06	28.4
CPO0009371	6556265	299340	857	0.0025	0.373	9.77	118	265	0.64	0.338	0.33	0.111	23.1
CPO0009372	6556226	299548	840	0.006	0.58	7.51	6.22	380	0.64	0.075	0.94	0.048	21.8
CPO0009373	6556191	299586	844	0.0025	0.856	8.85	6.13	361	0.81	0.088	2.35	0.066	34.8
CPO0009374	6556194	299607	848	0.014	0.34	1.26	28.7	245	0.25	1.165	0.46	0.248	2.09
CPO0009375	6556182	299631	852	0.0025	0.117	8.48	12.95	228	0.91	0.039	3.34	0.042	32.9
CPO0009376	6556176	299648	854	0.0025	0.601	8.21	11.15	372	0.81	0.377	3.67	0.563	29.8
CPO0009377	6556174	299670	859	0.017	0.938	1.2	169.5	2580	0.25	0.735	5.12	2.55	4.98
CPO0009378	6556158	299656	859	0.0025	0.478	8.74	13.95	273	0.75	0.038	3.03	0.141	25
CPO0009379	6556156	299665	876	1.78	7.22	1.43	259	245	0.26	117.5	0.28	1.08	3.42
CPO0009381	6556120	299704	877	0.005	0.066	9.07	17.35	530	0.84	0.108	6.76	0.074	31.4
CPO0009382	6556131	299719	877	0.005	0.062	6.45	29.6	421	0.49	0.286	15.4	1.775	39.3
CPO0009383	6556123	299725	853	0.74	7.03	2.47	172.5	480	0.32	10.7	3.23	18.2	10.65
CPO0009384	6556114	299728	878	2.07	11.2	1.8	219	282	0.33	39.2	1.77	7.32	5.71
CPO0009385	6556111	299735	878	0.023	0.864	5.84	71.3	2390	0.59	1.17	7.72	3.23	32.4
CPO0009386	6556084	299756	843	0.005	0.168	8.09	21.6	990	0.68	0.133	5.87	1.245	32.5
CPO0009387	6556050	299745	848	0.0025	0.236	9.02	3.6	2220	0.32	0.052	0.26	0.052	3.41
CPO0009388	6556428	299610	844	0.0025	0.056	8.61	11.75	590	0.87	0.082	5.71	0.049	40.4
CPO0009389	6556429	299616	844	0.0025	0.06	8.76	11.3	810	0.75	0.065	6.67	0.119	38.4
CPO0009391	6556435	299652	838	0.0025	0.081	5.11	3.75	137	0.53	0.036	1.01	0.023	19.15
CPO0009392	6556396	299664	839	0.0025	0.041	8.73	4.15	1950	0.68	0.041	1.81	0.039	35.6
CPO0009393	6556391	299691	837	0.0025	0.054	5.28	32.7	317	0.42	0.026	16.2	1.62	36.7
CPO0009394	6556401	299711	838	0.0025	0.05	3.51	7.27	303	0.27	0.026	2.78	0.129	18.85
CPO0009395	6556371	299706	841	0.0025	0.133	4.7	38	357	0.45	0.047	14.95	1.14	31.3
CPO0009396	6556349	299727	850	0.0025	0.083	6.35	27.8	267	0.61	0.064	13.1	0.296	34.8
CPO0009397	6556355	299752	856	0.0025	0.126	3.29	33.3	326	0.43	0.024	5.53	0.565	27.4
CPO0009398	6556351	299785	889	0.0025	0.154	6.04	18.05	401	0.71	0.351	9.81	0.35	28.9
CPO0009399	6556327	299787	895	0.0025	0.057	9.16	16.5	1000	0.66	0.198	6.9	0.957	36.9
CPO0009401	6556308	299788	898	0.005	0.174	2.29	12.4	460	0.37	0.235	3.14	0.273	10.35
CPO0009402	6556272	299793	907	0.0025	0.067	5.01	12.4	680	0.35	0.104	4.62	0.136	9.97
CPO0009403	6556314	299819	897	0.0025	0.089	1.2	14.65	241	0.3	0.088	9.74	0.32	24.4
CPO0009404	6556321	299811	895	0.0025	0.068	2.19	19.5	374	0.34	0.055	8.04	0.564	21.3
CPO0009405	6556558	299647	892	0.0025	0.057	8.71	11.25	1880	0.86	0.063	2.68	0.19	55.8
CPO0009406	6556522	299650	891	0.0025	0.044	8.31	9.46	1390	1.08	0.058	3.45	0.062	53.8
CPO0009407	6556484	299669	888	0.059	3.54	3.93	1190	127	0.28	0.204	4.32	9.87	13.45
CPO0009408	6556485	299701	882	0.0025	0.053	1.59	4.3	341	0.27	0.021	16.8	0.284	38.5
CPO0009409	6556502	299715	879	0.0025	0.053	4.71	22.4	383	0.36	0.033	13.8	1.175	31.9
CPO0009411	6556484	299725	878	0.0025	0.091	4.86	14.2	390	0.36	0.01	18.05	0.55	52
CPO0009412	6556495	299729	879	0.006	0.02	3.22	9.28	448	0.33	0.028	9.77	0.208	38.4
CPO0009413	6556501	299747	873	0.0025	0.087	6.19	5.83	1750	0.25	0.04	0.37	0.028	9.75
CPO0009414	6556483	299750	870	0.012	0.067	2.71	7.25	206	0.29	0.037	4.5	0.195	15.75
CPO0009415	6556470	299777	869	0.005	0.254	5.6	22.4	3770	0.63	0.036	7.4	1.135	25.7
CPO0009416	6556460	299798	877	0.005	0.042	1.3	9.09	3620	0.24	0.033	21.1	3.15	28.7
CPO0009417	6556431	299853	875	0.03	0.582	0.65	65.5	376	0.22	3.8	10.95	0.917	20.8
CPO0009418	6556435	299867	871	1.08	1.315	0.94	154	429	0.27	19.35	5.7	1.72	12.9
CPO0009419	6556413	299880	870	0.007	0.072	0.65	24.9	2410	0.16	0.053	18.15	0.38	34.1
CPO0009421	6556394	299954	872	0.0025	0.128	5.77	20.3	680	0.55	0.023	4.09	0.486	21.8
CPO0009422	6556359	299951	863	0.0025	0.097	7.43	10.95	620	0.72	0.021	5.59	0.577	16.25
CPO0009423	6556399	300018	866	0.0025	0.183	0.72	16.25	229	0.24	0.03	15.9	0.359	26.9
CPO0009424	6556400	299907	872	0.0025	0.063	7.28	12.3	178	0.76	0.028	8.45	0.594	27.6
CPO0009425	6556161	299787	884	0.0025	0.123	4.06	11.95	230	0.33	0.043	16	0.769	16.4
CPO0009426	6556185	299778	892	0.0025	0.074	6.65	19.05	159	0.59	0.025	4.81	0.456	12.65
CPO0009427	6556213	299714	891	0.324	2.09	0.8	419	204	0.3	5.75	4.77	4.38	9.14
CPO0009428	6556311	299666	866	0.017	6.84	4.69	1085	480	0.37	0.282	7.15	13.3	19.9
CPO0009429	6556313	299660	864	0.013	0.447	3.95	47	610	0.48	0.699	1.48	0.567	14.9
CPO0009431	6556498	299512	890	0.0025	0.138	5.12	6.07	600	0.69	0.038	0.26	0.05	12.7



Samp_ID	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K_%	La_ppm	Li_ppm	Mg_%	Mn_ppm
CPO0009295	14.3	16.3	0.2	5990	3.86	2.59	<0.05	0.038	0.172	0.09	1.82	41.7	0.03	1835
CPO0009296	24	18	1.82	24.1	6.03	12.6	<0.05	0.468	0.076	0.38	11.8	55.4	0.23	3720
CPO0009297	10.75	6.8	0.74	1135	3.16	3.99	<0.05	0.061	0.033	0.39	5.61	33.1	0.11	2620
CPO0009298	13.3	333	3.08	3540	3.87	12.8	<0.05	0.723	0.104	1.79	4.9	45.5	0.18	1710
CPO0009299	8.79	15	0.96	1285	2.86	4.67	<0.05	0.259	0.049	0.7	4.27	39.8	0.1	2370
CPO0009301	19.4	27.4	3.48	106.5	5.35	18.85	0.05	0.905	0.04	1.76	12.05	20.3	0.78	1440
CPO0009302	12.3	17.6	2.32	3180	3.43	11.1	<0.05	0.493	0.089	1.32	7.33	29.2	0.17	1210
CPO0009303	54.1	20.7	0.71	2810	6.6	18.9	<0.05	0.506	0.071	0.76	11.05	18.2	1.89	2040
CPO0009304	31.5	9	0.53	102	9.56	1.86	<0.05	0.078	0.167	0.24	11.15	22.6	0.17	7990
CPO0009305	15.5	13.2	0.98	280	4.45	3.36	<0.05	0.131	0.095	0.42	5.66	32	0.13	3400
CPO0009306	27.9	31.2	2.59	86.2	6.22	11.5	<0.05	0.548	0.032	0.58	7.36	26.6	0.27	3960
CPO0009307	16.15	17.4	0.98	66.7	3.54	20.9	<0.05	0.809	0.067	0.32	5.76	61.5	0.15	1165
CPO0009308	6.69	36.7	0.18	218	5.93	9.85	0.07	0.32	0.017	0.11	4.5	6.1	0.07	158.5
CPO0009309	15.55	8.8	1.86	40.7	4.95	18.8	<0.05	0.89	0.046	0.19	4.96	86.5	0.11	2030
CPO0009311	13.1	10.6	0.97	317	5.09	19.25	0.06	1.69	0.031	1.79	19.15	3.9	0.92	305
CPO0009312	18.85	10.8	2.02	1555	3.98	11.75	<0.05	0.495	0.045	1.47	8.32	23.7	0.45	2870
CPO0009313	17.65	9.1	1.31	4360	2.88	11	<0.05	0.469	0.058	1.35	4.6	31.3	0.57	1420
CPO0009314	19.55	14.8	0.84	232	3.38	14.25	<0.05	0.361	0.027	0.37	9.91	35.3	0.12	1495
CPO0009315	18.4	38.1	1.67	157.5	4.51	15.9	<0.05	0.841	0.041	0.79	7.15	41.7	0.13	2560
CPO0009316	11.85	12.8	1.07	961	2.88	6.07	<0.05	0.203	0.037	0.53	5.5	33.9	0.17	1940
CPO0009317	15.25	12.6	2.97	61.3	2.51	10.05	<0.05	0.284	0.037	1.18	13.5	36.6	0.18	2360
CPO0009318	10.55	10	2.34	254	2.5	7.24	<0.05	0.191	0.026	0.98	7.1	23.7	0.16	1890
CPO0009319	27.6	4.3	2.26	41.2	5.43	9.06	<0.05	0.073	0.025	1.46	16.2	24.8	0.17	5700
CPO0009321	33.7	4.6	1.76	19.8	8.33	8.47	<0.05	0.178	0.014	0.38	14	29.6	0.16	7490
CPO0009322	15.2	8	1.02	66.4	4.11	10.85	<0.05	0.312	0.039	0.33	7.3	51.1	0.1	2450
CPO0009323	37.6	7.6	1.51	338	6.86	6.15	<0.05	0.256	0.034	0.5	22	24.4	0.46	5670
CPO0009324	24.8	8.5	7.9	9370	6.46	24	<0.05	0.344	0.033	1.7	9.68	22.7	2.5	2350
CPO0009325	18	8.4	4.68	3600	2.42	17.2	<0.05	1.035	0.061	3.98	11.55	27	0.83	1110
CPO0009326	17.55	7.6	4.83	282	3.73	12.25	<0.05	0.495	0.042	1.42	20.1	32.5	0.4	3490
CPO0009327	4.74	23.4	0.44	19	1.38	1.86	<0.05	0.013	0.006	0.11	2.75	23.3	0.03	933
CPO0009328	2.19	8.9	1.22	2370	0.97	11.15	<0.05	0.968	0.061	6.55	4.98	1.8	0.1	130
CPO0009329	32.1	18.6	3.09	50.7	7.06	8.87	<0.05	0.214	0.031	0.88	12.5	38.9	0.2	5900
CPO0009331	16.3	10.8	2.61	33	3.89	14.15	<0.05	0.282	0.028	0.8	10.45	53	0.15	3080
CPO0009332	18.8	8.9	1.55	152	3.23	6.5	<0.05	0.035	0.013	0.45	9.4	61.4	0.14	2280
CPO0009333	11.05	11.9	1.63	79	3.22	11.95	<0.05	0.181	0.014	0.4	7.94	59.8	0.15	781
CPO0009334	26.5	7.8	2.56	>10000	4	16.45	<0.05	0.838	0.585	2.79	17.15	9	0.86	1275
CPO0009335	30.7	28.2	2.3	5090	7.15	21.2	<0.05	0.867	0.247	0.56	22.7	21.4	1.78	1405
CPO0009336	9.17	10.8	3.31	62.7	1.78	7.19	<0.05	0.184	0.022	0.74	4.57	54.1	0.11	928
CPO0009337	4.75	5.9	3.67	63.3	3.46	18.6	<0.05	0.755	0.023	2.25	7.52	43.6	0.26	90.8
CPO0009338	15.85	8.3	3.19	113	6.21	18.85	<0.05	1.27	0.051	4.13	19.45	4.9	0.24	834
CPO0009339	29	7.5	5.4	75.5	6.09	20.7	<0.05	0.325	0.06	1.57	20.5	14.5	1.88	1570
CPO0009341	22.9	13.1	2.51	201	6.24	17.9	<0.05	0.634	0.142	1.37	15.7	8.7	0.99	1875
CPO0009342	24.1	4.9	1.6	>10000	2.69	18.05	<0.05	1.785	0.207	2.32	20.3	9.3	0.98	1800
CPO0009343	17.95	14.2	2.95	95.3	5.49	14.2	<0.05	0.639	0.057	0.72	16.75	54.4	0.12	3150
CPO0009344	15.15	12.6	1.13	89.5	3.1	11.25	<0.05	0.356	0.046	0.45	10.9	65.1	0.13	2500
CPO0009345	4.41	140	0.27	236	6.06	11.25	<0.05	0.356	0.034	0.11	4.82	7.9	0.02	253
CPO0009346	5.76	43.3	0.52	641	2.74	5.33	<0.05	0.313	0.067	0.3	10.35	13.3	0.04	1375
CPO0009347	12.3	16	7.83	4700	14.55	25.4	0.17	0.898	0.719	3.81	11.8	9.3	0.94	3210
CPO0009348	30.1	10.4	6.73	6240	7.25	19.95	<0.05	0.667	0.383	2.2	22.1	15.9	1.89	6600
CPO0009349	26.3	10.3	8.61	>10000	7.41	19.95	0.05	0.767	0.461	2.64	21.4	25.3	2.03	8120
CPO0009351	23	40.3	3.41	526	6.17	13.45	<0.05	0.496	0.117	2.16	14.8	42	0.59	2800
CPO0009352	17.45	17.8	2.26	211	3.08	7.2	<0.05	0.341	0.087	0.86	5.03	45.1	0.13	2060
CPO0009353	11.45	19.6	0.23	126	2.78	15	<0.05	1.02	0.039	0.23	8.87	13.8	1.56	1830
CPO0009354	9.97	17.5	1.49	48.6	3.77	12.7	<0.05	1.545	0.028	2.58	12.2	9.7	1.09	1360
CPO0009355	4.11	27.9	0.81	736	1.49	4.87	<0.05	0.236	0.059	0.49	4.7	47	0.06	348
CPO0009356	17.35	7.9	0.97	37.1	4.46	21.5	<0.05	0.367	0.042	0.25	6.87	65.1	0.09	1630
CPO0009357	24.7	33.2	1.2	31.2	7.37	19.3	<0.05	0.796	0.103	1.05	17.95	5.6	2.26	2760
CPO0009358	22	19.4	1.48	1920	3.97	7.91	<0.05	0.318	0.096	1.09	3.78	38.6	0.15	1245
CPO0009359	22.7	39.6	1.06	43.5	6.5	21.3	<0.05	0.522	0.048	0.44	6.09	63.1	0.15	2360
CPO0009361	20.7	33.8	0.99	76.7	5.79	20.2	0.25	0.5	0.072	0.33	6.23	65.3	0.11	2390
CPO0009362	22.4	6.2	1.52	6830	4.74	9.97	<0.05	0.144	0.169	0.81	7.55	44.2	0.14	4550
CPO0009363	12.25	16.7	0.78	332	2.49	3.66	<0.05	0.04	0.044	0.37	4.64	37.5	0.1	2760
CPO0009364	5.61	23.2	0.58	35.2	1.8	1.98	<0.05	0.015	0.011	0.21	3.76	40.9	0.07	1705
CPO0009365	21.6	9.6	1.47	7.96	5.43	10.65	<0.05	0.085	0.022	0.46	11.1	38.1	0.15	3480



Samp_ID	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K_%	La_ppm	Li_ppm	Mg_%	Mn_ppm
CPO0009366	15.55	14.1	1.25	79.8	4.68	18.15	0.05	0.526	0.048	3.06	16.45	6.5	1.6	1035
CPO0009367	24.5	5.6	0.75	99.3	6.07	18.85	<0.05	1.455	0.058	1.3	7.74	21.1	2.43	1290
CPO0009368	25.5	4.7	0.7	123	6.07	19.65	<0.05	1.79	0.063	1.24	7.57	16.4	2.38	1300
CPO0009369	20	15.1	0.48	106	5.08	18.45	<0.05	0.94	0.053	0.99	11.15	5.1	1.81	1005
CPO0009371	16.05	18.3	1.4	1060	1.8	14.1	<0.05	0.58	0.027	1.86	7.8	12.2	0.27	534
CPO0009372	37.3	22.5	1.48	1735	4.28	15.5	<0.05	0.955	0.043	1.84	8.48	15.1	1.45	1345
CPO0009373	34.5	16.2	1.03	2260	4.29	20.1	<0.05	1.31	0.045	1.23	12.55	14.4	1.78	1605
CPO0009374	3.58	19.8	0.47	390	1.21	2.93	<0.05	0.094	0.022	0.28	0.947	32.7	0.09	350
CPO0009375	17.55	8	0.26	305	2.18	16.75	<0.05	1.505	0.033	0.19	11.95	2.5	1.19	385
CPO0009376	12.6	15	0.38	114	2.63	18.05	<0.05	1.315	0.047	0.26	9.18	16.5	2.06	2070
CPO0009377	13.15	13.8	0.88	861	3.51	3.06	<0.05	0.072	0.023	0.32	2.01	32.5	0.09	2710
CPO0009378	7.76	4.5	1.87	320	2.16	18.65	<0.05	1.32	0.043	0.7	8.56	9.6	1.6	1070
CPO0009379	7.83	21.4	0.66	>10000	3.43	2.77	<0.05	0.047	0.302	0.44	2.02	40.5	0.06	794
CPO0009381	18.4	23.9	1.91	52.1	5.58	19.1	<0.05	0.559	0.097	1.48	12.8	9.4	2.22	2650
CPO0009382	18.95	10.4	1.35	42.1	5.84	14.25	<0.05	0.342	0.032	0.55	16.5	36.8	0.22	2480
CPO0009383	21.6	55.1	1.16	4530	4.17	6.91	<0.05	0.139	0.202	0.69	4.93	36.3	0.19	2910
CPO0009384	15.8	28.7	0.86	2720	3.12	5.46	<0.05	0.085	0.13	0.45	2.55	47.4	0.08	1635
CPO0009385	17.75	12.9	1.72	305	5.18	12.55	<0.05	0.323	0.041	0.93	13.25	32.9	0.37	2670
CPO0009386	14.7	13.4	2.2	44	5.19	17.65	0.06	0.537	0.049	1.01	13.25	60.1	0.24	1850
CPO0009387	2.01	3.8	2.11	37.9	0.63	15.35	<0.05	0.485	0.009	>10.0	2.67	1.6	0.06	222
CPO0009388	21.9	34.8	0.89	21.8	7.05	20.1	0.05	0.647	0.066	1.47	16.55	4.6	2.49	1375
CPO0009389	21.8	33	0.92	13.95	7.2	22	<0.05	0.744	0.076	1.56	16	5.2	1.99	1550
CPO0009391	3.2	11.2	0.35	13.5	1.2	8.81	<0.05	0.328	0.018	0.59	6.83	7.3	0.26	355
CPO0009392	8.62	6.3	1.33	10.55	2.06	14.45	<0.05	0.477	0.03	6.49	14.95	1.4	0.47	577
CPO0009393	22.3	21.7	2.27	75.4	5.65	10.6	<0.05	0.299	0.048	0.31	16.75	43.2	0.14	3960
CPO0009394	4.48	9.8	1.37	48.3	1.36	6.07	<0.05	0.402	0.008	1.14	8.99	7.8	0.08	566
CPO0009395	22.2	9.5	3.89	166.5	5.83	10.95	<0.05	0.317	0.04	0.64	12.9	37.5	0.58	3550
CPO0009396	17.45	8.8	7.36	34.4	5.3	14.15	<0.05	0.396	0.039	0.67	16.1	25	1.04	2620
CPO0009397	20.5	12.6	1.3	221	4.99	6.37	<0.05	0.211	0.023	0.23	12.35	35	0.07	3790
CPO0009398	22.3	10.7	1.94	70	8.15	11	<0.05	0.242	0.032	0.39	12.3	74.3	0.12	5200
CPO0009399	15.9	3.8	2.04	35.5	5.22	16.55	<0.05	0.543	0.069	0.76	13.65	75.6	0.08	1805
CPO0009401	12.6	14.6	0.88	16.5	3.93	5.18	<0.05	0.217	0.021	0.28	5.1	60	0.05	1855
CPO0009402	17.65	8	1.73	17.65	2.31	8.72	<0.05	0.632	0.008	4.08	5.13	27.8	0.04	1590
CPO0009403	7.06	12.4	1.5	45.6	1.88	3.55	<0.05	0.077	0.016	0.46	10.55	45.5	0.08	2890
CPO0009404	6.68	15.7	1.09	48.4	2.14	3.97	<0.05	0.178	0.017	0.44	9.35	51.8	0.07	2420
CPO0009405	19.85	15.8	1.46	27.4	6.53	18.3	<0.05	0.717	0.051	5.86	21.6	2.9	0.57	1130
CPO0009406	23.4	13.6	0.95	86.3	5.91	17.75	<0.05	0.742	0.078	3.89	28.3	3.4	1	1215
CPO0009407	9.89	8.6	0.71	>10000	2.52	6.47	<0.05	0.137	0.068	0.51	6.33	44.6	0.08	1105
CPO0009408	5.94	3.2	1.51	23.9	1.21	3.95	<0.05	0.102	0.012	0.62	18.1	29.4	0.18	5840
CPO0009409	18.65	3.5	1.78	72.9	5.01	10.45	<0.05	0.076	0.031	0.29	13.05	46.6	0.1	2980
CPO0009411	14.3	2.6	2.13	62.8	4.11	10.05	<0.05	0.181	0.018	0.39	21.7	41.3	0.12	3830
CPO0009412	8.49	5.3	1.34	21.4	1.94	6.44	<0.05	0.149	0.028	0.59	16.05	47.1	0.11	2490
CPO0009413	1.265	7.9	1.31	15.4	0.6	10.5	<0.05	0.641	0.006	5.76	5.17	2.7	0.05	188
CPO0009414	3.15	13.1	1.81	16.25	1.02	4.9	<0.05	0.207	0.01	1.1	6.93	32.8	0.12	1610
CPO0009415	10.1	10.5	2.24	92.7	2.81	12.2	<0.05	0.689	0.036	0.47	10.15	73.8	0.09	1770
CPO0009416	29.3	3.6	1.96	11.5	5.91	3.18	<0.05	0.116	0.014	0.28	12.55	18.9	0.22	4750
CPO0009417	10.45	9.1	0.74	583	2.4	1.55	<0.05	0.032	0.046	0.21	8.91	35.9	0.07	2570
CPO0009418	8.92	21.4	1.42	1075	2.48	2.33	<0.05	0.095	0.074	0.33	5.48	37	0.07	1730
CPO0009419	3.5	4.2	0.89	91.3	1.04	2.08	<0.05	0.038	0.008	0.22	15.3	22.8	0.08	5470
CPO0009421	6.95	3.6	1.4	80.3	1.9	12.65	<0.05	2.1	0.009	1.29	9.38	54	0.07	1130
CPO0009422	24.3	58.6	1.41	13.9	5.31	17.9	<0.05	0.428	0.057	0.22	5.8	81.2	0.08	2920
CPO0009423	4.6	5	0.56	109	0.97	1.74	<0.05	0.068	0.09	0.2	11.4	28	0.07	3150
CPO0009424	11.7	16	2.67	36.3	4.42	18	<0.05	0.779	0.051	0.31	10.15	79.6	0.06	1525
CPO0009425	15.05	19	2.45	104	4.07	7.91	<0.05	0.327	0.063	0.23	6.34	34.3	0.1	2930
CPO0009426	10.05	11.6	2.61	54.3	4.05	16.8	<0.05	0.99	0.052	0.24	4.41	62	0.04	1400
CPO0009427	10.75	12.8	0.38	3440	3.05	1.57	0.05	0.035	0.075	0.12	3.88	41.1	0.05	1855
CPO0009428	16.25	13.8	1.64	3940	4.06	8.39	<0.05	0.31	0.028	0.64	7.51	41.7	0.13	3450
CPO0009429	8.78	14.7	2.11	425	2.67	8	<0.05	0.262	0.044	0.79	6.38	43.7	0.11	1275
CPO0009431	1.16	8.9	1.64	30.6	0.87	8.26	<0.05	1.795	<0.005	4.19	4.71	1.9	0.04	177



Samp_ID	Mo_ppm	Na_%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm
CPO0009295	5.51	0.003	0.119	5.04	0.017	380	3.62	0.0005	0.21	230	2.19	1.14	0.09
CPO0009296	0.59	<0.001	1.375	11.4	0.091	30.6	19.05	0.0008	0.02	20.5	22.8	0.184	0.72
CPO0009297	4.72	<0.001	0.261	4.48	0.032	110.5	16.35	0.0006	0.06	55.1	4.99	0.782	0.12
CPO0009298	5.28	<0.001	0.879	23.4	0.043	54.8	69.5	0.0008	0.07	211	23.3	0.654	0.57
CPO0009299	2.87	0.01	0.429	5.03	0.025	68.2	27	0.0004	0.11	92.6	7.71	0.368	0.2
CPO0009301	0.66	1.345	2.52	15.45	0.104	15.45	59.3	<0.0004	0.01	3.6	23.7	0.257	0.65
CPO0009302	2.6	0.014	1.865	11	0.058	58.4	51	0.0004	0.17	88	11.6	2.14	0.63
CPO0009303	4.56	0.853	3.2	14.1	0.06	10.3	29.1	0.0009	0.01	3.83	15.5	2.18	0.82
CPO0009304	1.36	0.007	0.165	16.3	0.016	12.2	9.17	<0.0004	0.09	16.85	7.58	0.235	0.09
CPO0009305	0.96	0.016	0.268	8.18	0.025	17.5	18.05	0.0004	0.12	30.8	4.34	0.237	0.2
CPO0009306	0.7	<0.001	1.105	20.4	0.043	28.6	25.9	<0.0004	0.02	6.47	25.9	0.601	0.48
CPO0009307	1.84	0.008	3.51	11.7	0.071	15.65	5.19	0.001	0.01	4.36	16.45	0.551	1.06
CPO0009308	11.3	0.169	4.54	1.53	0.09	7.56	2.14	0.0015	0.33	0.74	1.99	12.8	1.02
CPO0009309	1.33	0.004	2.31	9.65	0.071	19.5	3.32	<0.0004	0.02	7.46	16	0.178	0.7
CPO0009311	1.76	3.74	3.96	6.93	0.085	7.98	60.1	0.0006	0.08	0.91	13.45	6.39	0.96
CPO0009312	3.23	0.211	1.815	9.27	0.053	161.5	63.2	0.0013	0.13	54.1	9.73	1.02	0.81
CPO0009313	4.14	0.025	1.6	6.06	0.064	77.1	56.4	0.0009	0.06	33.6	6.55	1.55	0.94
CPO0009314	3.93	<0.001	2.96	13.6	0.076	62.5	14.25	0.0049	0.05	25.9	13.3	2.08	1.16
CPO0009315	2.46	0.015	1.885	14.15	0.088	27.6	28.4	0.0014	0.01	24.2	17.35	1.21	0.67
CPO0009316	6.44	0.17	0.906	7	0.029	43.5	21.7	0.0012	0.03	61.9	6.17	0.847	0.52
CPO0009317	0.86	0.019	0.909	9.37	0.046	12.3	57.1	<0.0004	0.14	5.73	11.7	0.133	0.67
CPO0009318	3.79	0.007	0.628	8.75	0.036	24.3	47.2	0.0007	0.02	10.9	7.13	0.376	0.49
CPO0009319	0.96	0.004	0.668	9.6	0.048	15.1	56.9	0.0013	0.05	4.13	10.35	0.311	0.31
CPO0009321	0.88	<0.001	0.544	15.2	0.058	25.3	20.6	<0.0004	0.01	10.2	13.35	0.711	0.47
CPO0009322	0.66	0.008	0.831	9.1	0.105	80.3	14.7	0.0007	0.16	18.3	13.2	1.155	0.81
CPO0009323	0.63	0.084	0.799	19.9	0.05	34	18.2	<0.0004	0.01	7.41	9.58	0.191	0.34
CPO0009324	0.63	0.504	1.32	8.37	0.093	398	89.4	0.0004	0.03	2.61	18.95	2.16	0.52
CPO0009325	0.64	0.228	5.08	8.63	0.056	18.75	118	0.0007	0.01	7.54	12.95	1.23	0.27
CPO0009326	1.57	0.082	1.565	6.54	0.047	16.4	57.3	0.001	0.01	2.98	13.25	0.606	0.36
CPO0009327	0.84	0.01	0.079	3.25	0.022	19.05	5.24	<0.0004	0.01	7.67	0.89	0.062	0.13
CPO0009328	9.56	0.777	1.225	2	0.026	33.4	137.5	0.006	<0.01	0.88	0.92	1.44	1.03
CPO0009329	0.97	0.01	0.684	17.65	0.062	20.8	41.8	0.0005	<0.01	4.16	15.9	0.154	0.41
CPO0009331	1.28	0.007	1.08	7.93	0.069	26.4	33.9	0.0004	0.01	6.08	16	0.332	0.52
CPO0009332	2.82	0.011	0.437	8.65	0.044	6.38	21.4	0.0004	0.02	7.4	5.98	0.254	0.24
CPO0009333	1.09	0.019	1.75	8.27	0.053	8.53	16.05	<0.0004	0.17	5.58	7.9	0.277	0.51
CPO0009334	15.4	0.195	2.28	6.97	0.059	8.37	116	0.0012	0.03	1.13	11.95	6.39	12.85
CPO0009335	0.65	3.44	2.71	19.25	0.137	17.5	22.2	<0.0004	0.02	2.7	24.3	0.703	1.27
CPO0009336	0.8	0.045	0.591	5.4	0.078	4.45	35.5	<0.0004	0.12	7.32	5.49	0.147	0.33
CPO0009337	8.68	0.058	1.645	2.45	0.05	11.25	70.5	0.0004	0.12	25.1	18.5	1.995	1.22
CPO0009338	3.7	2.7	3.42	3.18	0.124	7.4	91.3	0.0008	0.01	3.91	24.4	1.835	1.42
CPO0009339	0.42	2.02	2.56	10.45	0.142	8.59	84.8	<0.0004	<0.01	1.26	24.5	0.212	1.04
CPO0009341	0.76	2.93	2.28	10.95	0.122	19.9	60	<0.0004	<0.01	3.71	19.1	0.048	0.93
CPO0009342	3.01	2.14	3.62	10	0.095	32.3	104.5	0.0006	0.01	2.17	11.9	1.6	0.68
CPO0009343	0.62	0.01	2.05	11.7	0.072	12.75	30.8	<0.0004	0.01	14.75	18.7	0.31	0.69
CPO0009344	1.13	0.018	1.435	9.04	0.089	10.9	18.7	<0.0004	0.14	7.38	21	0.162	0.53
CPO0009345	15.05	0.006	14.85	13.15	0.092	20.2	4.72	<0.0004	0.03	6.42	3.41	2.87	1.19
CPO0009346	17	0.014	2.79	3.2	0.057	73.7	10.5	0.0011	0.12	24	4.71	1.685	0.89
CPO0009347	238	0.072	2.34	5.15	0.135	38.9	158.5	0.0009	0.13	2.6	23.7	13.5	1.02
CPO0009348	2.89	0.498	2.82	9.47	0.118	26.5	91.3	0.0005	0.01	2.73	19.55	2.41	0.98
CPO0009349	18.75	0.122	2.87	9.84	0.145	52.1	103	0.0008	0.01	7.87	22.1	3.71	1.14
CPO0009351	0.85	0.317	2.59	15.25	0.063	343	68.1	0.0005	0.1	7.36	16.7	0.139	0.73
CPO0009352	3.36	0.046	1.045	6.73	0.034	30	34.4	<0.0004	0.02	14.55	7.04	0.259	0.37
CPO0009353	0.35	2.49	2.85	15.95	0.102	27	8.82	<0.0004	<0.01	2.73	19.6	0.071	2.23
CPO0009354	0.62	1.625	3.31	8.36	0.064	9.14	49.3	0.0004	0.01	0.99	16.7	0.149	0.68
CPO0009355	2.11	0.029	0.844	3.8	0.026	75.9	18.9	0.0004	0.12	22.4	5.04	0.712	0.3
CPO0009356	1.19	0.013	2.3	8.09	0.137	21.7	3.87	0.0026	0.01	7.77	14.8	0.467	1.14
CPO0009357	0.43	2.48	3.16	18.5	0.158	18.35	22.9	<0.0004	<0.01	3.15	28.9	0.119	1.4
CPO0009358	14.75	0.014	0.992	6.67	0.048	125	48.7	0.0009	0.03	76.6	9.48	0.911	0.62
CPO0009359	1.41	0.011	2.62	16	0.129	43.6	6.88	0.0006	<0.01	23.3	21.9	0.872	1.26
CPO0009361	0.92	0.016	3.33	12.05	0.11	33.9	5.47	0.0007	0.01	23.9	23.9	0.218	1.32
CPO0009362	3.05	0.013	0.906	6.55	0.074	250	34.7	0.0004	0.11	769	16.5	1.065	0.57
CPO0009363	2.69	0.006	0.24	4.25	0.03	308	15.1	<0.0004	0.02	24.9	4.35	0.326	0.18
CPO0009364	2	<0.001	0.13	3.6	0.015	32.8	8.1	<0.0004	0.06	13.25	2.11	0.089	0.06
CPO0009365	0.45	<0.001	0.904	9.31	0.083	24.1	16.15	<0.0004	0.03	4.85	18.1	0.219	0.45



Samp_ID	Mo_ppm	Na_%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm
CPO0009366	0.43	2.36	3.58	8.58	0.109	6.99	67.2	<0.0004	<0.01	1.31	21.4	0.067	0.84
CPO0009367	0.37	2.41	1.725	9.47	0.074	3.8	43.9	<0.0004	0.01	0.55	23.3	0.059	0.61
CPO0009368	0.3	2.45	1.81	10.8	0.074	3.65	46.7	<0.0004	<0.01	0.56	23.8	0.048	0.63
CPO0009369	0.44	2.81	2.72	10.5	0.097	3.25	25.4	0.0004	0.01	0.45	21.1	0.112	0.9
CPO0009371	3.82	3.1	6.29	5.81	0.07	115.5	77.1	0.0071	0.02	19	17.6	0.706	14
CPO0009372	1.1	1.82	3.25	12.9	0.077	10.9	73.8	0.0008	0.01	1.39	16.6	0.966	1.62
CPO0009373	1.36	2.86	4.36	11.95	0.089	7.85	49.6	0.0011	0.01	1.83	17.35	0.568	3.82
CPO0009374	6.82	0.075	0.204	2.74	0.014	42.1	10.45	0.0004	0.04	18.85	2.03	0.122	0.17
CPO0009375	0.6	4.88	3.82	8.49	0.094	3.56	4.23	0.0006	0.02	1.41	13.85	0.296	1.54
CPO0009376	0.95	3.76	3.14	13.8	0.104	128.5	8.11	0.0011	0.01	3.62	23.7	0.101	3.68
CPO0009377	6.43	<0.001	0.085	6.76	0.023	45.3	14.15	0.0006	0.09	55.8	3.24	0.445	0.23
CPO0009378	0.64	4.54	2.88	8.35	0.1	107	23.5	0.0028	<0.01	1.79	16.1	0.069	1.53
CPO0009379	28.3	0.015	0.179	3.84	0.041	203	18	0.0006	0.22	40.3	2.82	1.38	0.19
CPO0009381	0.43	2.87	1.63	10.25	0.134	5.62	38.8	0.0007	<0.01	1.4	23.4	0.121	0.95
CPO0009382	1.09	0.127	2.67	8.24	0.143	36.1	15.9	0.0009	0.01	12.6	19	0.196	0.89
CPO0009383	17.05	0.01	0.507	11.5	0.05	542	28.2	0.0013	0.1	36	8.2	4.8	0.38
CPO0009384	115	0.009	0.362	8.59	0.055	716	19.1	0.0041	0.05	38.5	4.76	3.16	0.27
CPO0009385	1.5	0.826	2.14	9.13	0.105	44.1	27.2	0.001	0.14	85.5	15.7	0.425	0.78
CPO0009386	1.18	0.272	2.41	7.59	0.129	54.2	30.8	0.0008	0.02	19.45	23	0.31	1.14
CPO0009387	0.47	1.445	0.135	1.26	0.013	8.03	221	0.0007	0.01	0.83	1.3	0.043	0.11
CPO0009388	0.52	2.26	2.26	16.7	0.135	4.97	36.4	0.0008	<0.01	1.44	25.5	0.021	1.38
CPO0009389	0.58	1.935	2.38	15.25	0.142	5.73	38.6	0.0007	<0.01	1.83	26.6	0.026	1.47
CPO0009391	0.3	2.94	1.485	3.09	0.048	16.55	15.5	0.0005	<0.01	0.91	5.04	0.014	0.75
CPO0009392	0.66	2.18	1.85	5.06	0.062	7.24	131	0.0006	<0.01	0.61	5.3	0.029	0.83
CPO0009393	0.97	0.019	1.03	12.65	0.087	28.1	15.15	0.001	0.01	9.78	17.45	0.092	0.5
CPO0009394	0.54	1.425	0.496	2.67	0.016	4.24	33.4	<0.0004	0.01	1.46	2.23	0.036	0.19
CPO0009395	0.9	0.042	0.812	11.25	0.062	41.5	24	0.0036	0.01	13.95	16.5	0.242	0.45
CPO0009396	0.51	1.475	1.055	10.35	0.08	35.7	23.2	0.0005	0.01	5.97	21.7	0.074	0.65
CPO0009397	1.22	0.011	0.681	10.6	0.049	17.7	10	0.0007	0.01	7.42	9.96	0.148	0.26
CPO0009398	1.51	0.039	1.16	12.6	0.097	14.7	15.05	0.001	0.01	4.63	16.95	0.483	0.56
CPO0009399	1.07	0.013	2.54	6.52	0.131	46.2	12.75	0.0004	0.03	11.1	11.3	0.165	1.32
CPO0009401	1.63	0.002	0.583	6.48	0.04	322	13.5	0.0006	0.02	11.05	3.82	0.229	0.38
CPO0009402	0.61	0.237	1.075	4.6	0.015	8.31	113.5	0.0012	0.01	3.62	3.28	0.357	0.24
CPO0009403	2.08	0.005	0.21	2.97	0.023	22.2	23.1	0.0012	0.02	9.52	2.6	0.135	0.18
CPO0009404	0.44	0.004	0.638	3.24	0.044	48.9	18.75	0.0005	0.02	11.35	3.71	0.141	0.33
CPO0009405	0.58	2.24	3.19	12.15	0.127	6.12	138.5	0.0008	0.01	1.17	18.25	0.045	1.17
CPO0009406	0.5	2.63	3.07	10.7	0.104	7.28	102	0.001	0.01	1.87	16.5	0.195	1.12
CPO0009407	3.75	0.029	0.817	4.62	0.066	1300	20.9	0.0008	0.04	227	5.34	2.95	1.08
CPO0009408	0.81	0.011	0.224	3.42	0.035	7.3	30	0.0005	0.02	5.37	4.1	0.025	0.35
CPO0009409	2.53	0.003	0.898	7.35	0.073	25.9	14.55	0.001	0.01	22	13.55	0.13	0.48
CPO0009411	0.49	0.009	0.817	5.89	0.072	21.4	14.85	<0.0004	<0.01	6.98	15.15	0.05	0.49
CPO0009412	1.21	0.008	0.583	4.1	0.025	7.77	27.8	0.0007	0.01	6.3	6.65	0.151	0.3
CPO0009413	0.25	1.43	0.299	1.38	0.022	4.65	110	0.0005	<0.01	0.58	0.91	0.017	0.17
CPO0009414	0.75	0.029	0.875	2.58	0.041	15.55	47.7	0.0023	0.02	6.23	4.08	0.043	0.72
CPO0009415	1.8	0.028	2.59	5.69	0.066	62.1	18.9	0.0006	0.13	50.4	12.75	0.108	0.76
CPO0009416	1.14	0.018	0.449	15.15	0.042	36.3	14.85	0.0004	0.08	4.14	3.95	0.156	0.19
CPO0009417	1.97	0.003	0.072	6.01	0.014	62.4	9.95	0.0004	0.03	12.3	2.19	0.254	0.08
CPO0009418	1.14	0.002	0.024	7.04	0.02	95.8	15.05	<0.0004	0.03	38.1	2.59	0.427	0.12
CPO0009419	0.42	<0.001	0.113	2.08	0.014	12.1	11.75	0.0004	0.09	8.76	1.94	0.065	0.13
CPO0009421	1.6	0.032	3.81	4.85	0.097	20.3	27.4	0.0012	0.02	6.04	4.47	0.151	0.22
CPO0009422	0.67	0.001	2.07	15.65	0.133	23.7	4.03	<0.0004	0.01	9.02	14.05	0.361	0.87
CPO0009423	0.65	0.009	0.16	2.79	0.021	12.9	8.88	0.0005	0.03	9.38	4.24	0.083	0.09
CPO0009424	1.05	0.009	3.01	8.83	0.107	63.3	6.96	0.0007	<0.01	5.41	19	0.2	1.12
CPO0009425	1.96	0.006	0.498	9.43	0.041	25.1	10.15	0.0006	0.01	7.16	17.3	0.698	1.46
CPO0009426	1.07	0.008	2.47	6.85	0.069	29.8	3.94	0.0009	0.01	14.7	11.1	0.225	0.84
CPO0009427	5.97	0.006	0.026	6.06	0.013	169.5	5.08	0.0006	0.06	194	1.89	0.891	0.07
CPO0009428	8.81	0.005	1.63	7.56	0.063	401	27.4	0.0015	0.03	749	11.2	1.62	0.98
CPO0009429	4.52	0.004	1.6	6.15	0.037	28.4	33.5	0.0013	0.03	20.6	9.8	0.327	0.53
CPO0009431	0.96	1.52	2.81	1.66	0.005	6.09	98.8	0.0007	<0.01	2.44	0.84	0.035	0.44



Samp_ID	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Cu_%
CPO0009295	21.7	0.006	0.178	0.173	0.036	0.017	0.422	48.6	0.633	3.12	480	1	0.589
CPO0009296	54.2	0.114	0.021	1.28	0.348	0.058	0.351	230	1.52	16.4	440	6.4	0.004
CPO0009297	44.2	0.018	0.105	0.331	0.056	0.053	0.174	92.7	0.621	11.15	432	1.6	0.12
CPO0009298	37.5	0.076	0.044	0.784	0.225	0.202	0.583	131	4.79	8.44	374	16.4	0.359
CPO0009299	228	0.038	0.013	0.612	0.09	0.087	0.444	91	1.035	8.69	254	6.5	0.133
CPO0009301	246	0.202	0.015	3.27	0.449	0.185	0.69	178.5	0.853	21.8	143.5	19.9	0.012
CPO0009302	307	0.157	0.039	3.18	0.222	0.175	1.085	122	2.16	10.25	185.5	12.9	0.331
CPO0009303	620	0.262	0.125	4.91	0.359	0.135	1.835	171	1.775	17.2	116	9.8	0.298
CPO0009304	432	0.014	0.033	0.32	0.029	0.047	0.401	101	0.76	20.8	745	1.7	0.011
CPO0009305	412	0.02	0.084	0.429	0.048	0.075	0.39	69.7	1.2	9.65	448	3.4	0.028
CPO0009306	69.6	0.085	0.008	1.27	0.311	0.083	0.468	191	1.17	24.5	648	11.1	0.01
CPO0009307	26	0.292	0.014	4.48	0.384	0.059	0.907	164	1.405	8	145	18.2	0.008
CPO0009308	161	0.281	0.197	1.9	0.517	0.016	0.483	38.3	0.936	0.59	10.7	8.1	0.024
CPO0009309	28.4	0.184	0.007	1.855	0.382	0.04	0.457	166.5	1.275	9.74	188.5	25.7	0.005
CPO0009311	430	0.334	0.134	7.84	0.319	0.177	3.22	168	0.631	17.2	39.4	55.6	0.036
CPO0009312	226	0.154	0.054	3.72	0.2	0.261	1.895	118.5	1.12	16.25	452	14.3	0.158
CPO0009313	85.6	0.12	0.124	2.09	0.197	0.215	1.835	102.5	1.52	9.85	364	12.7	0.432
CPO0009314	73.8	0.235	0.03	5.6	0.305	0.071	1.84	151.5	1.145	14.45	249	6.7	0.025
CPO0009315	48.9	0.155	0.042	2.09	0.324	0.129	0.699	155.5	1.425	14.2	345	26.5	0.017
CPO0009316	48.2	0.067	0.043	1.5	0.125	0.09	0.566	76.4	0.679	10.9	345	4.7	0.102
CPO0009317	215	0.067	0.034	1.44	0.225	0.202	0.629	124.5	1.625	12.05	189	6.1	0.008
CPO0009318	25.3	0.048	0.077	1.14	0.112	0.171	0.713	100	1.39	11.65	154.5	4.1	0.027
CPO0009319	117.5	0.048	0.041	0.88	0.192	0.17	0.428	103.5	1.88	21.1	192	1.5	0.005
CPO0009321	72.2	0.038	0.016	0.619	0.176	0.073	0.355	206	1.025	24.1	481	4.5	0.004
CPO0009322	99.5	0.056	0.101	1.045	0.266	0.055	0.331	157	1.86	9.14	347	8.2	0.007
CPO0009323	118	0.053	0.02	1.22	0.141	0.065	0.47	97.4	1.035	26.8	648	6	0.032
CPO0009324	130	0.085	0.256	1.325	0.363	0.322	0.889	268	1.265	13.3	570	11.2	0.951
CPO0009325	136	0.425	1.53	12.55	0.308	0.343	1.53	118	1.005	14.2	106.5	28.6	0.378
CPO0009326	86.2	0.118	0.262	3.35	0.236	0.208	0.897	139.5	1.755	26.4	88.9	14.3	0.03
CPO0009327	9.51	0.005	0.011	0.2	0.009	0.023	0.078	20.5	0.103	4.09	71.9	0.5	0.002
CPO0009328	217	0.278	0.119	24.6	0.081	0.323	1.545	20.8	0.398	5.35	39.3	23	0.239
CPO0009329	79	0.047	0.026	0.824	0.25	0.127	0.333	168	2.82	16.55	260	3.9	0.006
CPO0009331	47.7	0.07	0.071	1.77	0.32	0.121	0.397	133.5	1.685	14.05	216	5.9	0.004
CPO0009332	40.2	0.029	0.018	0.647	0.102	0.061	0.761	113.5	1.62	13.05	179	0.7	0.016
CPO0009333	173	0.131	0.011	3.47	0.232	0.058	0.685	117.5	0.979	8.11	135.5	6	0.008
CPO0009334	42.4	0.19	0.23	5.06	0.21	0.437	1.78	95.2	18.8	15.05	255	20.7	1.364
CPO0009335	480	0.17	0.692	3.46	0.457	0.104	1.7	334	0.631	17.35	116	25.4	0.504
CPO0009336	79.9	0.038	0.036	0.787	0.124	0.115	0.249	63.6	1.445	4.54	137.5	4.4	0.007
CPO0009337	92.9	0.148	0.713	5.5	0.32	0.236	1.335	211	1.475	6.99	57.9	22.7	0.007
CPO0009338	499	0.232	1.505	5.94	0.487	0.276	1.985	260	1.22	15.85	71.5	31	0.012
CPO0009339	563	0.169	0.184	3.89	0.495	0.355	0.85	251	0.724	18.6	162	8.9	0.008
CPO0009341	610	0.163	0.036	3.12	0.411	0.219	1.195	201	1.165	14.1	115.5	17.4	0.022
CPO0009342	436	0.257	0.126	7.49	0.328	0.445	1.98	93.5	2.14	14.85	224	62.7	2.167
CPO0009343	62.6	0.156	0.029	4.25	0.289	0.116	0.662	206	1.735	12.8	317	17.8	0.013
CPO0009344	102.5	0.091	0.026	1.21	0.283	0.064	0.64	151.5	1.935	13.6	296	9.8	0.011
CPO0009345	32.9	0.683	1.45	1.85	0.747	0.021	1.59	160.5	3.66	1.72	134.5	12.3	0.024
CPO0009346	21.7	0.186	0.415	1.395	0.269	0.05	0.805	92.7	2.54	7.31	162	7.6	0.066
CPO0009347	77.1	0.186	6.14	6.35	0.324	0.629	1.36	281	2.94	12.8	268	24.4	0.46
CPO0009348	189.5	0.212	4.65	5.15	0.383	0.364	2.28	217	3	21.1	541	16.2	0.624
CPO0009349	73	0.222	4.02	6.06	0.404	0.398	1.615	238	3.13	20.4	478	17.4	1.73
CPO0009351	103	0.191	0.048	4.56	0.31	0.177	1.145	152	13.25	15.45	1160	12.3	0.055
CPO0009352	24.7	0.079	0.078	2.16	0.123	0.145	0.611	96.6	2.86	7.21	248	9.7	0.023
CPO0009353	476	0.206	0.066	3.53	0.418	0.043	1.185	150.5	0.644	20.4	158.5	25.9	0.014
CPO0009354	306	0.365	0.011	9.98	0.285	0.213	1.945	123	0.458	25.4	77.7	34.8	0.006
CPO0009355	67.7	0.061	0.145	1.385	0.105	0.073	0.464	53.2	0.732	4.91	158.5	5.9	0.076
CPO0009356	48	0.164	0.041	1.765	0.432	0.053	0.327	218	0.967	8.97	144.5	8.2	0.004
CPO0009357	760	0.212	0.047	3.57	0.512	0.093	0.589	263	0.618	22.1	112	18.3	0.004
CPO0009358	20.1	0.066	0.488	1.32	0.171	0.203	0.706	158.5	2.32	8.42	362	8.5	0.192
CPO0009359	47.2	0.21	0.124	2.07	0.519	0.069	0.48	301	2.61	9.89	314	11.6	0.006
CPO0009361	70	0.23	0.106	2.21	0.549	0.071	0.446	294	2.88	9.37	354	10.5	0.008
CPO0009362	573	0.052	0.173	0.713	0.292	0.116	0.914	178.5	2.76	10.4	1365	2.9	0.645
CPO0009363	35.9	0.016	0.094	0.205	0.067	0.057	0.11	79.2	0.647	8.04	233	1.2	0.036
CPO0009364	45.3	0.01	0.016	0.151	0.03	0.035	0.084	30.9	0.563	4.5	86.9	0.4	0.004
CPO0009365	63	0.061	0.014	0.815	0.314	0.068	0.175	206	0.792	16.25	272	1.5	0.002



Samp_ID	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Cu_%
CPO0009366	527	0.276	0.018	9.55	0.434	0.207	1.17	226	0.341	21.4	56.3	10.6	0.009
CPO0009367	497	0.149	<0.005	0.945	0.459	0.183	0.341	204	0.319	19.05	87.4	44.9	0.011
CPO0009368	526	0.146	0.007	0.98	0.463	0.194	0.387	210	0.238	19.6	88.3	57.1	0.013
CPO0009369	448	0.195	0.015	2.38	0.413	0.127	0.467	144	0.807	23.9	48	19	0.012
CPO0009371	102.5	0.323	0.132	7.27	0.428	0.293	1.96	125	2.41	13.65	83.9	11.2	0.111
CPO0009372	204	0.246	0.161	5.63	0.355	0.293	2.41	145.5	0.956	18.45	102	25.9	0.177
CPO0009373	447	0.346	0.066	7.25	0.397	0.174	2.53	164.5	0.845	23.9	133.5	34.6	0.225
CPO0009374	26	0.016	0.075	0.212	0.038	0.039	0.114	30.5	0.558	1.79	58	2.7	0.041
CPO0009375	478	0.311	0.032	5.94	0.351	0.021	1.585	100.5	0.163	23.9	19	44.3	0.034
CPO0009376	467	0.256	0.107	4.64	0.459	0.039	1.1	204	1.68	27.4	391	35	0.012
CPO0009377	450	<0.005	0.025	0.198	0.045	0.056	0.235	83.6	0.528	6.7	441	1.9	0.086
CPO0009378	543	0.23	0.045	5.57	0.402	0.111	1.06	160.5	0.382	18.3	171	36.1	0.033
CPO0009379	18.05	0.009	0.149	0.17	0.054	0.068	1.495	96.3	0.792	3.58	250	1.1	1.425
CPO0009381	537	0.1	0.09	1.385	0.456	0.106	0.399	234	0.321	18.1	117	10.5	0.009
CPO0009382	106.5	0.17	0.019	2.49	0.423	0.06	0.522	229	0.891	19.1	449	6.9	0.006
CPO0009383	35.7	0.03	1.24	0.615	0.121	0.108	0.445	157	1.78	6.76	4810	2.4	0.438
CPO0009384	23.1	0.023	1.51	0.341	0.076	0.09	0.27	153	1.67	3.49	972	2.1	0.268
CPO0009385	1335	0.146	0.109	1.835	0.358	0.099	0.607	186	0.98	16.25	449	5.9	0.032
CPO0009386	110.5	0.2	0.039	3.52	0.481	0.094	0.58	241	1.545	16.4	349	12.2	0.006
CPO0009387	303	0.03	0.006	16.3	0.029	0.476	0.769	14.6	0.177	1.8	34	15.4	0.004
CPO0009388	601	0.19	0.024	6.2	0.482	0.078	0.596	244	0.448	18.85	74.3	13.4	0.003
CPO0009389	874	0.188	0.015	3.39	0.546	0.091	0.646	269	0.438	17.9	74.7	16.2	0.002
CPO0009391	226	0.121	0.011	2.19	0.205	0.059	0.519	60.4	0.42	7.66	29.5	9.9	0.002
CPO0009392	519	0.185	0.005	12.8	0.257	0.274	1.35	74	0.217	12.3	33	9.5	0.002
CPO0009393	72.5	0.07	0.017	1.02	0.309	0.058	0.345	190.5	1.155	21.8	337	5.8	0.01
CPO0009394	112.5	0.061	0.007	5.54	0.056	0.124	0.411	39.1	0.234	5.06	41.6	9.2	0.005
CPO0009395	73.3	0.054	0.049	0.891	0.284	0.097	0.468	150.5	1.42	19.05	301	6.4	0.019
CPO0009396	297	0.077	0.085	1.095	0.383	0.124	0.401	177	0.494	18.4	159	6.2	0.004
CPO0009397	46.1	0.064	0.022	1.5	0.135	0.043	0.198	109.5	0.357	11.75	210	4	0.025
CPO0009398	53.9	0.081	0.018	1.535	0.34	0.07	0.415	284	0.392	18.35	192	4.2	0.008
CPO0009399	71.7	0.168	0.024	2.84	0.395	0.075	0.718	183	0.51	14.1	232	11.4	0.005
CPO0009401	30.3	0.041	0.036	0.846	0.09	0.044	0.27	57.1	0.385	6.04	132	5.7	0.003
CPO0009402	119	0.17	0.031	13.2	0.076	0.23	0.712	44.4	0.646	7.65	55.4	13.1	0.003
CPO0009403	47.5	0.015	0.046	0.376	0.036	0.072	0.184	37.5	0.592	14.7	63.4	2.6	0.005
CPO0009404	39.7	0.038	0.007	0.921	0.096	0.066	0.303	47.4	1.02	11.25	123	4.6	0.006
CPO0009405	422	0.24	0.021	4.29	0.485	0.293	1.155	168	0.37	21.2	69.1	18.7	0.004
CPO0009406	466	0.258	0.033	5.51	0.431	0.224	1.605	218	0.313	19.45	68.5	16.5	0.009
CPO0009407	28.2	0.054	0.124	0.86	0.171	0.068	0.791	76	0.998	7.66	466	4.6	1349
CPO0009408	110.5	0.017	0.015	0.27	0.064	0.096	0.174	48	0.386	21.2	53.6	2.2	0.004
CPO0009409	47.1	0.059	0.03	0.87	0.279	0.056	0.249	157	0.561	20.1	263	1.9	0.009
CPO0009411	82.2	0.052	0.009	0.865	0.271	0.058	0.221	191	1.075	25.8	139	2.4	0.009
CPO0009412	43.5	0.053	0.009	1.385	0.068	0.082	0.283	53.4	0.826	20.4	69.9	4.4	0.003
CPO0009413	242	0.053	<0.005	17.3	0.032	0.286	1.205	9.5	0.209	3.35	15.7	16.7	0.002
CPO0009414	41.6	0.08	0.033	2.53	0.097	0.141	0.277	75.4	1.2	10.8	40.8	4.9	0.002
CPO0009415	442	0.201	0.013	3.71	0.289	0.067	1.14	136.5	1.335	12.45	367	23.2	0.01
CPO0009416	279	0.035	0.008	0.806	0.059	0.053	0.819	63.1	0.602	20.7	876	3.1	0.002
CPO0009417	48	<0.005	0.01	0.191	0.017	0.042	0.238	56	0.129	12.6	160	1.2	0.059
CPO0009418	20.5	<0.005	0.04	0.183	0.023	0.058	0.189	59.4	0.119	7.65	247	3	0.109
CPO0009419	557	0.01	0.016	0.203	0.02	0.045	0.245	26.8	0.337	29.1	37.9	1.2	0.01
CPO0009421	60.4	0.382	0.021	12.1	0.179	0.112	1.465	61.8	0.747	8.05	128.5	62.7	0.009
CPO0009422	30.4	0.134	0.02	1.79	0.482	0.043	0.671	193	1.235	8.65	367	10.8	0.002
CPO0009423	54.6	0.01	<0.005	0.438	0.022	0.03	0.639	27.7	0.217	16.95	44.7	2.3	0.012
CPO0009424	31.3	0.219	0.01	3.95	0.447	0.055	1.055	234	0.893	13.25	141.5	22.8	0.004
CPO0009425	28.1	0.038	0.026	0.582	0.182	0.056	0.54	178	0.672	19.55	225	10	0.012
CPO0009426	29.3	0.194	<0.005	1.58	0.353	0.049	0.534	163.5	0.997	8.46	160.5	24.8	0.006
CPO0009427	18.55	<0.005	0.03	0.116	0.013	0.024	0.468	39.3	0.331	6.23	365	1	0.335
CPO0009428	41.4	0.116	0.088	2.62	0.23	0.098	1.32	136.5	1.97	11.7	751	6.4	0.394
CPO0009429	21.9	0.123	0.059	2.45	0.19	0.126	0.67	121.5	2.58	9.08	174.5	4.5	0.044



Appendix B JORC Code Table 1

SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down-hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</i>	- Ground Magnetic Data was collected using a GEM GSM-19W Magnetometer, data were quality checked by Quantec and geophysical consultants in Perth, Australia, and were considered to be of excellent quality. - Channel and rockchip sampling was completed, with samples taken from outcropping rock formations. Samples were a minimum of 4kg. - The 2023 geochemical survey was completed on a 50mx100m grid with 321 samples taken, multi-element analysis of the samples was undertaken. - Ground truthing and mapping was completed to confirm results of geochemical surveys. Several areas of outcropping copper mineralisation have been identified, the mineralisation in out crop is present predominantly as malachite with minor chalcopyrite.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	
	<i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation' drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i>	
Drilling techniques	<i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</i>	No drilling reported in this report.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	NA
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	All rock chip and channel samples were logged by qualified geologists and is qualitative in nature.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i>	
	<i>The total length and percentage of the relevant intersections logged.</i>	
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	NA
	<i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i>	
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	
	<i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i>	
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	- Multi-element analysis was undertaken on rockchip and channel samples, The ALS procedure for this is ME-MS61m, for 49 elements with four-acid digestion. - Magnetic surveys were ground-based surveys, measuring Total Magnetic Intensity, with a 1s recording interval. - Data units were nanotesla (nT). - Data was collected by Quantec Geoscience (Chile), covering 150 line kms at a 25m spacing. The Magnetometer was a GEM GSM-19W with a Overhauser Effect Sensor Type, mounted on a 2m staff. - The control point location was 296647 E, 6555150 N (PSAD56, Zone 19S) (repeated at beginning and end of survey each day)
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	



Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	• Culpeo maintains a high-quality database and protocols are in place to ensure this data is checked by both the Senior Geologist and Geology Manager. • Company geologists have verified and logged all samples
	<i>The use of twinned holes.</i>	
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	
	<i>Discuss any adjustment to assay data.</i>	
Location of data points	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	• Sample have been located using a hand held GPS.
	<i>Specification of the grid system used.</i>	
	<i>Quality and adequacy of topographic control.</i>	
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	• Data spacing is considered appropriate for this stage of exploration.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied</i>	
	<i>Whether sample compositing has been applied.</i>	
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	• Where possible channel sampling is completed perpendicular to geological structures. True widths are unknown at this stage of exploration.
	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	
Sample security	<i>The measures taken to ensure sample security.</i>	• samples are delivered to the laboratory and chain of custody protocols are followed by company personnel.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	• No audits have been completed.



SECTION 2 REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i> <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i>	• The Lana Corina Project are comprises nine exploitation concessions, which cover a total area of approximately 550 Hectares. Culpeo Minerals has agreements in place to up to 80%. • The Fortuna Project area comprises twenty one exploitation concessions covering a total area of approximately 1,775 hectares. Culpeo Minerals has agreements in place to earn up to 80%. • The concessions have been granted and there are no known impediments to obtaining a licence to operate in the area.
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	• Historically three companies have undertaken exploration in the Lana Corina project area. These include: • Minera Centinela(1982 to 1985) • Antofagasta Minerals (2005) • SCM Antares (2010 to 2018) • Historic Exploration was undertaken at the Fortuna Project by Inversiones En Dos Limitada 2007 to the present. • Alara Resources undertook a 17-hole drilling program at El Quillay drom 2011 to 2012 and also undertook an IP geophysical survey.
Have undertaken exploration	<i>Deposit type, geological setting, and style of mineralisation.</i>	• The Lana Corina Project is associated with a structural belt orientated in a NS / NW direction, about 1,000m long and 400m wide. • The Fortuna Project is associated with a structural belt orientated in a NS / NW direction about 6km long and 500m wide.



Criteria	JORC Code explanation	Commentary
		Mineralisation of the Projects is predominantly copper with accessory gold, silver and molybdenum. Mineralisation is structurally controlled and associated with Breccias.
Drill hole information	<i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <i>easting and northing of the drill hole collar</i> <i>elevation or RL (elevation above sea level in metres) of the drill hole collar</i> <i>dip and azimuth of the hole</i> <i>down hole length and interception depth hole length</i>	Not applicable as rock chip sample program only.
Data aggregation methods	<i>In reporting exploration results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually material and should be stated.</i>	Only raw assay results have been reported.
Relationship between mineralisation widths and intercept lengths	<i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i>	Not applicable as rock chip sample program only.
Diagrams	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to, a plan view of drill hole collar locations and appropriate sectional views.</i>	Diagrams are included in the main body of the report.
Balanced reporting	<i>Where comprehensive reporting of all exploration results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of exploration results.</i>	Results have been reported for the main elements targeted (Cu, Ag, Au, and Mo) as set out in Appendix A. All sample locations are reported for context.
Other substantive exploration data	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock</i>	Not applicable as rock chip sample program only.



Criteria	JORC Code explanation	Commentary
	<i>characteristics; potential deleterious or contaminating substances.</i>	
Further work	<i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	• District scale geological mapping. • Systematic rock-chip sampling. • Geophysics. • Diamond drilling.



Appendix C: Technical Details

Copper Equivalent (Cu Eq) values: Assumed commodity prices for the calculation of Copper Equivalent (Cu Eq) is Cu US\$3.00/lb, Au US\$1,700/oz, Mo US\$14/lb and Ag US\$20/oz. Recoveries are assumed from similar deposits: Cu = 85%, Au = 65%, Ag = 65%, Mo = 80%, Cu Eq (%) was calculated using the following formula: $((\text{Cu}\% \times \text{Cu price 1\% per tonne} \times \text{Cu recovery}) + (\text{Au(g/t)} \times \text{Au price per g/t} \times \text{Au recovery}) + (\text{Mo ppm} \times \text{Mo price per g/t} \times \text{Mo recovery}) + \text{Ag ppm} \times \text{Ag price per g/t} \times \text{Ag recovery})) / (\text{Cu price 1\% per tonne} \times \text{Cu recovery})$. $\text{Cu Eq (\%)} = \text{Cu (\%)} + (0.54 \times \text{Au (g/t)}) + (0.00037 \times \text{Mo (ppm)}) + (0.0063 \times \text{Ag (ppm)})$. It is the Company's opinion that all elements included in the metal equivalents have a reasonable potential to be recovered and sold.

Appendix D: References

- ¹ Refer to ASX announcement dated 10 July 2024 "Drill Results Extend Mineralisation at Lana Corina to 454m @ 0.93% CuEq".
- ² Refer to ASX announcement dated 31 August 2022 "Culpeo Minerals Strikes Critical Metals at Lana Corina".
- ³ Refer to ASX announcement dated 8 March 2023 "Geochemical Survey Completed at Lana Corina".
- ⁴ Refer to ASX announcement dated 3 April 2023 "Geochemical Survey Identifies Multiple Significant Surface Copper and Molybdenum Targets at Lana Corina".
- ⁵ Refer to ASX announcement dated 27 May 2024 "High-Grade Copper Assay Results in Rock Chip Samples from Vista Montana".
- ⁶ Refer to ASX announcement dated 11 May 2022 "Culpeo intersects 257m @ 0.95% copper at Lana Corina".
- ⁷ Refer to ASX announcement dated 6 June 2022 "Culpeo Minerals intersects 173m @ 1.05% copper".
- ⁸ Refer to ASX announcement dated 23 November 2022 "Drilling intersects 169m @ 1.08% Cu grades up to 3.56% Cu".
- ⁹ Refer to ASX announcement dated 2 May 2022 "Culpeo intersects 104m @ 0.74% copper at Lana Corina".
- ¹⁰ Refer to ASX announcement dated 20 June 2022 "Multiple high-grade Cu intersections at Lana Corina Project".
- ¹¹ Refer to ASX announcement dated 18 May 2022 "Culpeo Minerals Identifies Multiple New Regional Targets at Lana Corina Project".
- ¹² Refer to ASX announcement dated 7 August 2023 "Culpeo Minerals Acquires Significant New Tenement Package".
- ¹³ Refer to ASX announcement dated 4 October 2023 "Fortuna Copper Project Tenure Expanded by over 125%".
- ¹⁴ Refer to ASX announcement dated 29 February 2024 "High Grade Surface Copper and Gold Mineralisation Confirmed at El Quillay South".
- ¹⁵ Refer to ASX announcement dated 11 September 2023 "High Priority El Quillay North Target Defined at Fortuna with Historical Grades up to 6.92% Cu".
- ¹⁶ Refer to ASX announcement dated 1 November 2023 "New High-Grade Copper and Gold Trend at Fortuna with up to 4.16% Cu and 48.3g/t Au".