HIGH PRIORITY EL QUILLAY NORTH TARGET DEFINED AT FORTUNA WITH HISTORICAL GRADES OF UP TO 6.92% CU.

Culpeo Minerals Limited (**Culpeo** or the **Company**) (ASX:CPO, OTCQB:CPORF) is pleased to announce that ongoing exploration work at it's Fortuna Project, has defined high priority targets at the El Quillay North Prospect. Multiple copper bearing zones have been identified with lengths of up to 1,000m, 50m wide and 200m deep.

HIGHLIGHTS

- **High Priority El Quillay North target defined at Fortuna**.
- Located at the northern portion of the **3km long El Quillay mineralised trend.**
- Mine records show approximately **200,000 tonnes @ 2% Cu extracted historically**[1].
- Historical underground sampling returned **high-grade zones** including (refer Appendix C and D):
  - **3m @ 6.92% Cu;**
  - **15m @ 1.50% Cu;**
  - **5m @ 1.18% Cu; and**
  - **5m @ 2.70% Cu**.
- Exploration work is ongoing with **drilling scheduled for Q4 CY23**.

Figure 1: Historic mine portal at El Quillay Prospect, Fortuna Project.

1. *The historic mine production records are based on previous explorers reports and has not been verified by the Company and are not JORC compliant.*

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Culpeo Minerals' Managing Director, Max Tuesley, commented:

"With our recent capital raise complete, we are well funded to explore the compelling targets at the Lana Corina and Fortuna Projects in Chile.

"Limited historical exploration work at the El Quillay Prospect returned significant copper results, which together with the copper mineralisation defined at the Vaca Muerta and La Florida Prospects and other regional copper occurrences, highlight the potential for a significant mineralised system. The consolidation of our landholding in the coastal metallogenic belt of Chile presents a high-quality regional copper exploration opportunity, which has not benefited from the focus of modern-day exploration techniques that it deserves".

"We look forward to reporting on the results of this exciting next phase of exploration as we explore both Fortuna and Lana Corina, focused on unlocking their full potential."

EL QUILLAY NORTH PROSPECT

The El Quillay North Prospect is hosted within a >3km long regional fault zone in an area previously exploited by both open cut and underground mining. Mineralisation is present as a series of parallel mineralised bodies with elevated levels of copper, gold and silver.

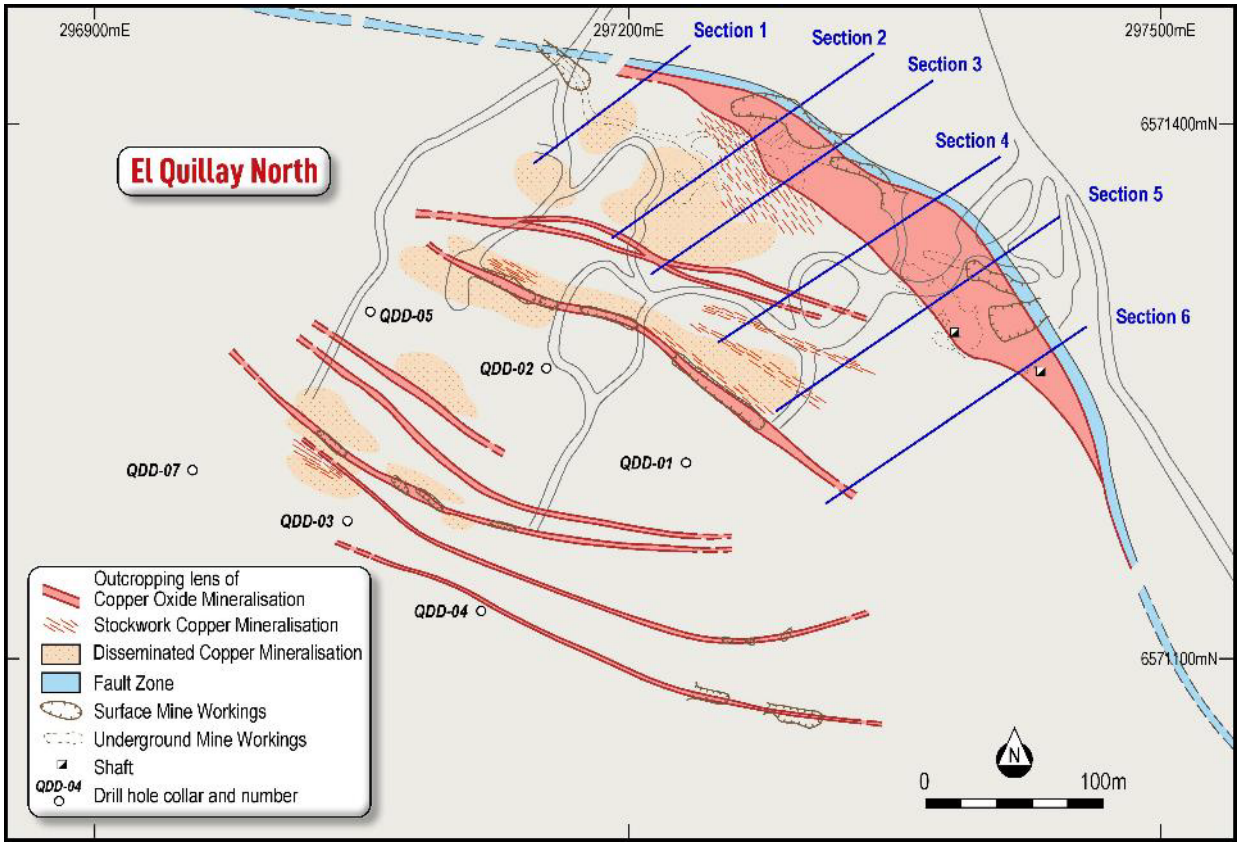

Figure 2: Surface geology map of El Quillay North showing the position of mineralised zones and historic mine workings (for geological sections and sampling results refer to appendix C and D).

Mineralised zones are hosted within andesitic lithologies (Figure 2) and show hydrothermal alteration present as sericite, albite-adularia, chlorite-epidote and hematite (specularite). Along the mineralised regional structure at El Quillay, three exploration targets have been identified (**North, Central** and **South**),

with multiple mineralised zones recognised in each area. The zones measure up to 1,000m long, 50m wide and 200m deep.

Between 1950 and 1960, and more recently in the 1990's, the mineralisation at El Qullay North has been exploited by small scale mining activities both from the surface and underground. Several shafts were sunk to a maximum depth of 80 metres, extracting predominantly sulphide mineralisation in the form of chalcopyrite and bornite.

Historic mapping and sampling programs were undertaken in the area, with 294 samples taken from both the surface and underground (Figure 3).

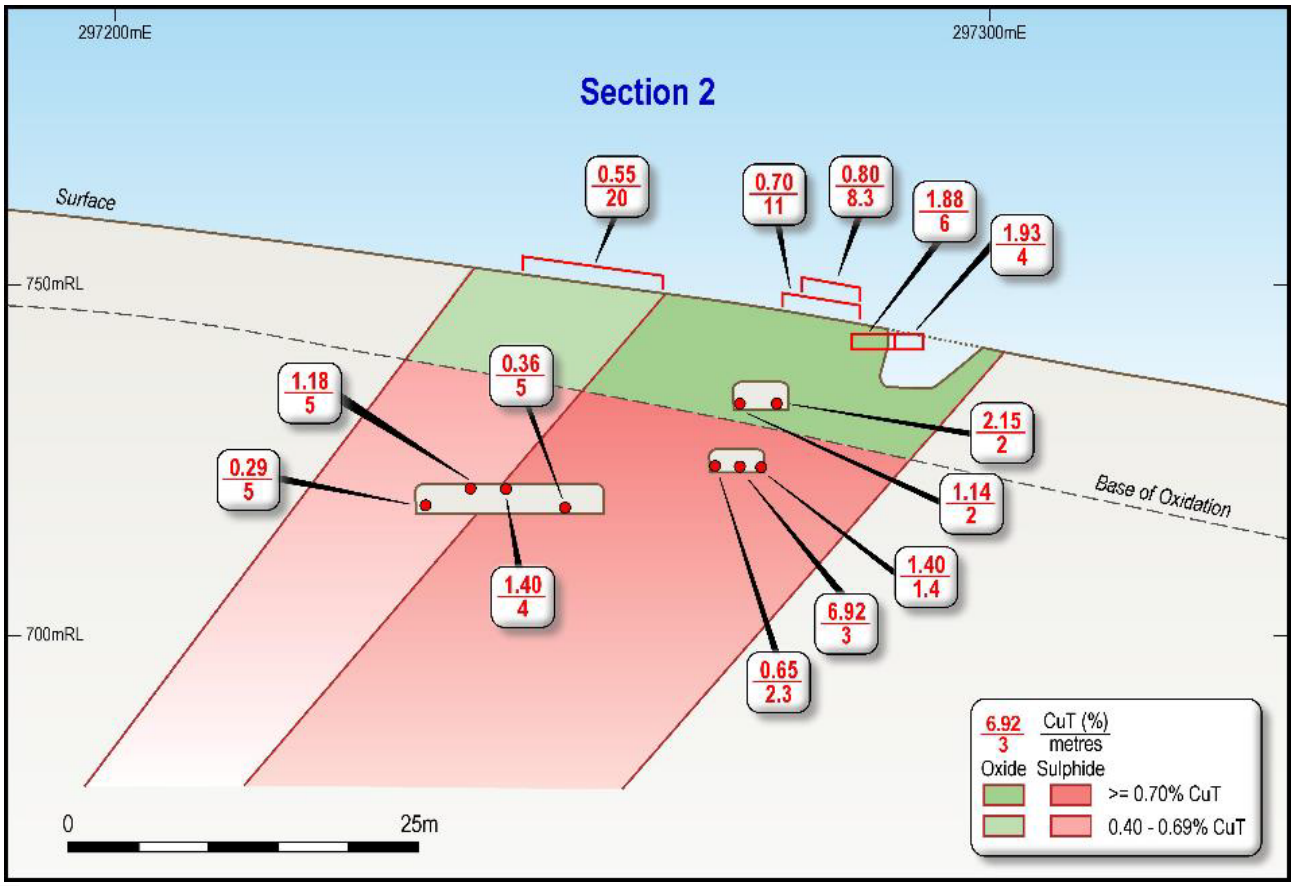

Figure 3: Cross Section through the El Quillay Prospect showing widths of mineralisation and sampling results.

FORTUNA PROJECT

The Fortuna Project concessions are located 10km north of Lana Corina and consist of four additional prospects: **La Florida**, **El Quillay**, **Vaca Muerta** and **Piedra Dura** (Figure 4). Extensive outcropping copper mineralisation and historic mining operations are present throughout the project area.

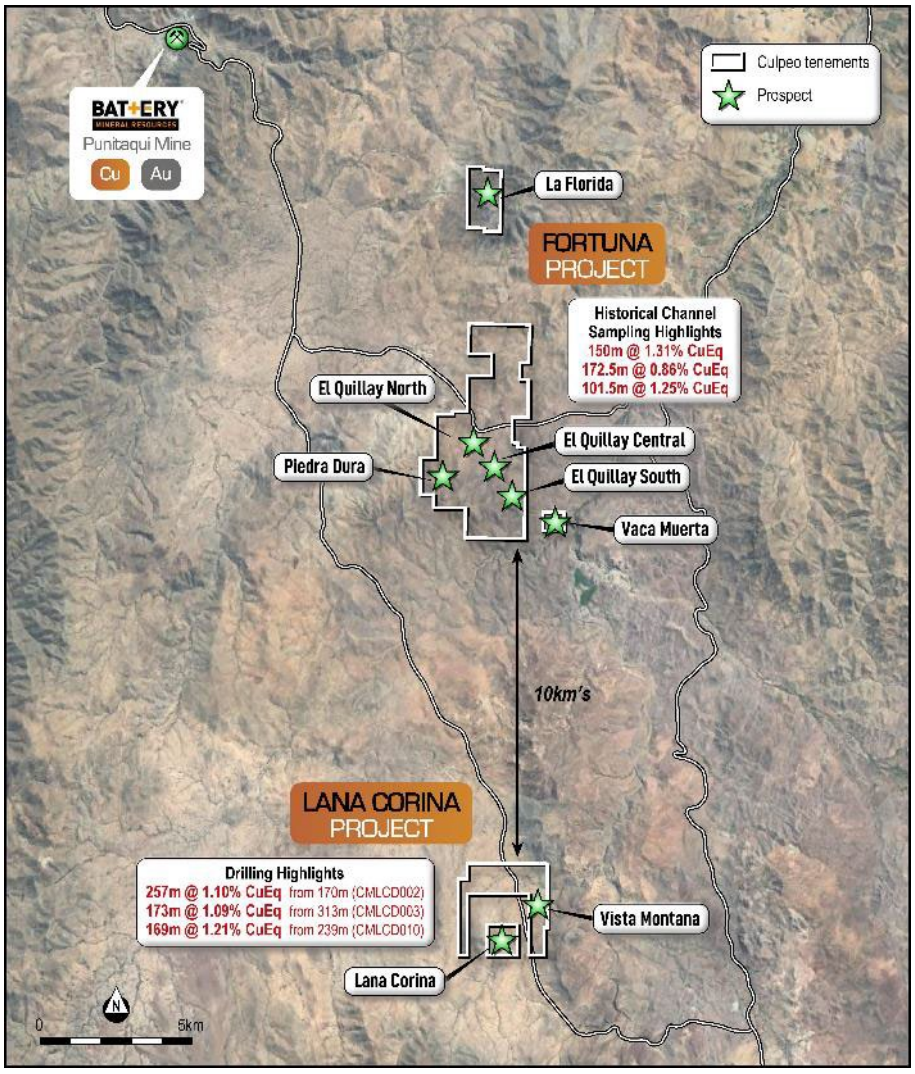

Figure 4: Regional map showing location of new Fortuna concessions adjacent to the Lana Corina Project.

2. *For the Lana Corina Drilling Results, refer to ASX announcements; 11 May 2022, 6 June 2022 and 23 November 2022.*
3. *For the historic Fortuna sampling results refer to ASX announcement 7 August 2023.*

NEXT STEPS

Exploration work is ongoing with **drilling scheduled for Q4 CY23.**

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: ((Cu% x Cu price 1% per tonne x Cu recovery) + (Au(g/t) x Au price per g/t x Au recovery) + (Mo ppm x Mo price per g/t x Mo recovery) + Ag ppm x Ag price per g/t x Ag recovery)) / (Cu price 1% per tonne x Cu recovery). **Cu Eq (%) = Cu (%) + (0.54 x Au (g/t)) + (0.00037 x Mo (ppm)) + (0.0063 x Ag (ppm))**

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

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ABOUT CULPEO MINERALS LIMITED

Culpeo Minerals is a copper exploration and development company with assets in Chile, the world's number one copper producer. The Company is exploring and developing high grade copper systems in the coastal Cordillera region of Chile.

The Company has recently acquired the Lana Corina and Fortuna Projects situated in the Coquimbo region of Chile, where significant outcropping high-grade copper mineralisation offers walk up drilling targets.

The Company has two additional assets, the Las Petacas Project, located in the Atacama Fault System near the world-class Candelaria Mine. Historic exploration has identified significant surface mineralisation with numerous outcrops of high-grade copper mineralisation which provide multiple compelling exploration targets. The Quelon Project located 240km north of Santiago and 20km north of the regional centre of Illapel, in the Province of Illapel, Region of Coquimbo. Historical artisanal mining has taken place within the Quelon Project area, but modern exploration in the project area is limited to rock chip sampling and geophysical surveys.

Culpeo Minerals has a strong board and management team with significant Chilean country expertise and has an excellent in-country network. All these elements enable the company to gain access to quality assets in a non-competitive environment. We leverage the experience and relationships developed over 10 years in-country to deliver low cost and effective discovery and resource growth. We aim to create value for our shareholders through exposure to the acquisition, discovery and development of mineral properties which feature high grade, near surface copper mineralisation.

COMPETENT PERSONS' STATEMENTS

The information in this announcement that relates to 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 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. Mr Tuesley consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

Appendix A JORC Code Table 1 – Fortuna Project

SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down-hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.* *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (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.*	El Quillay • 17 holes for a total of 4,683.33 meters, were completed historically. • Sampling and analysis was undertaken for 570 samples, 570 analyses for copper; 480 analyses for gold and 26 analyses for silver. Vaca Muerta • Sampling and Chemical Analysis was undertaken for 260 samples, 260 analyses for copper and 105 analyses for silver. • No known drilling undertaken. La Florida • Sampling and Chemical Analysis was undertaken for 110 samples, 110 analyses for copper, 10 analyses for gold and 10 analyses for silver. • No known drilling undertaken.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	• Historic Drilling has only been undertaken at El Quillay and this was prior to Culpeo's involvement. • 17 holes for a total of 4,683.33 meters, were completed 10 were of the DD type, with 2,699.33 meters, and 7 corresponded to RC, with 1,984 meters. 14 holes were drilled at El Quillay North, 2 at El Quillay Central and 1 at El Quillay South. • No drilling has been undertaken at Vaca Muerta and La Florida.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• The historic drill samples were taken before Culpeo's involvement, and no records are available detailing drill core recovery.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* *The total length and percentage of the relevant intersections logged.*	• Partial records exist for the historic drill core logs.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• No records available for the historic drilling.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument*	• The sample preparation techniques for historical drilling are unknown. • Historical analysis has focussed on Cu, but some of the samples were also analysed for

Criteria	JORC Code explanation	Commentary
	make and model, reading times, calibrations factors applied and their derivation, etc.	Mo, Ag and Au.
	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.	
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	• No twin holes have been completed due to the early stage of the project. • Company geologists have verified the visible copper mineralisation present in outcrop and in stockpiles at the project site.
	The use of twinned holes.	
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	
	Discuss any adjustment to assay data.	
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	• Historic Location of drillhole collars and surface samples were recorded by handheld GPS. Accuracy is not known but is considered reasonable for early-stage exploration.
	Specification of the grid system used.	
	Quality and adequacy of topographic control.	
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	• The historical drilling and surface sampling are widely spaced and no systematic sampling/drilling grid has been implemented. In general, the mineralisation strikes in a north-south / north-west direction and historic drilling has been undertaken perpendicular to that.
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied	
	Whether sample compositing has been applied.	
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	• Historic drilling and channel sampling orientations are not considered to be biased with several drilling orientations used.
	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.	
Sample security	*The measures taken to ensure sample security.*	• No records available for the historic samples.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• No records are available for the historic sampling, but it is assumed no audits have been completed.

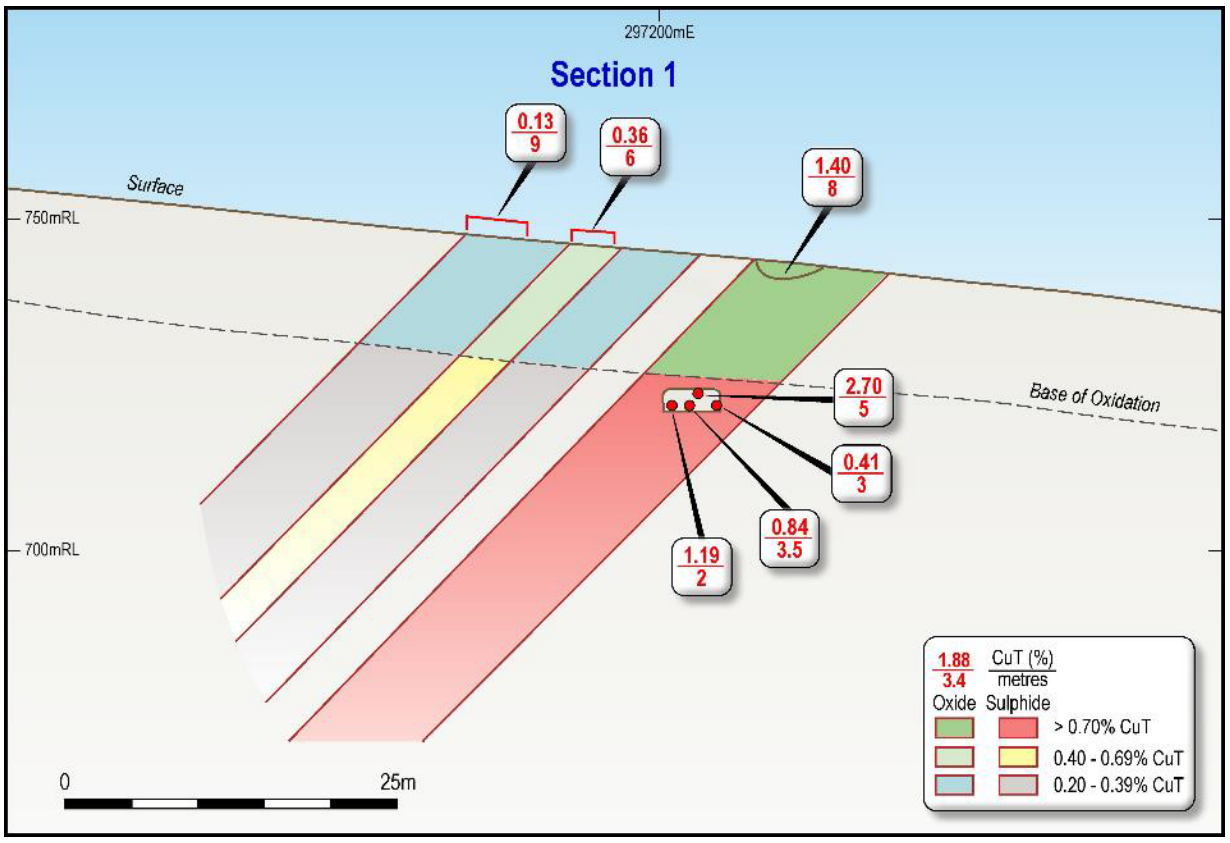
SECTION 2 REPORTING OF EXPLORATION RESULTS

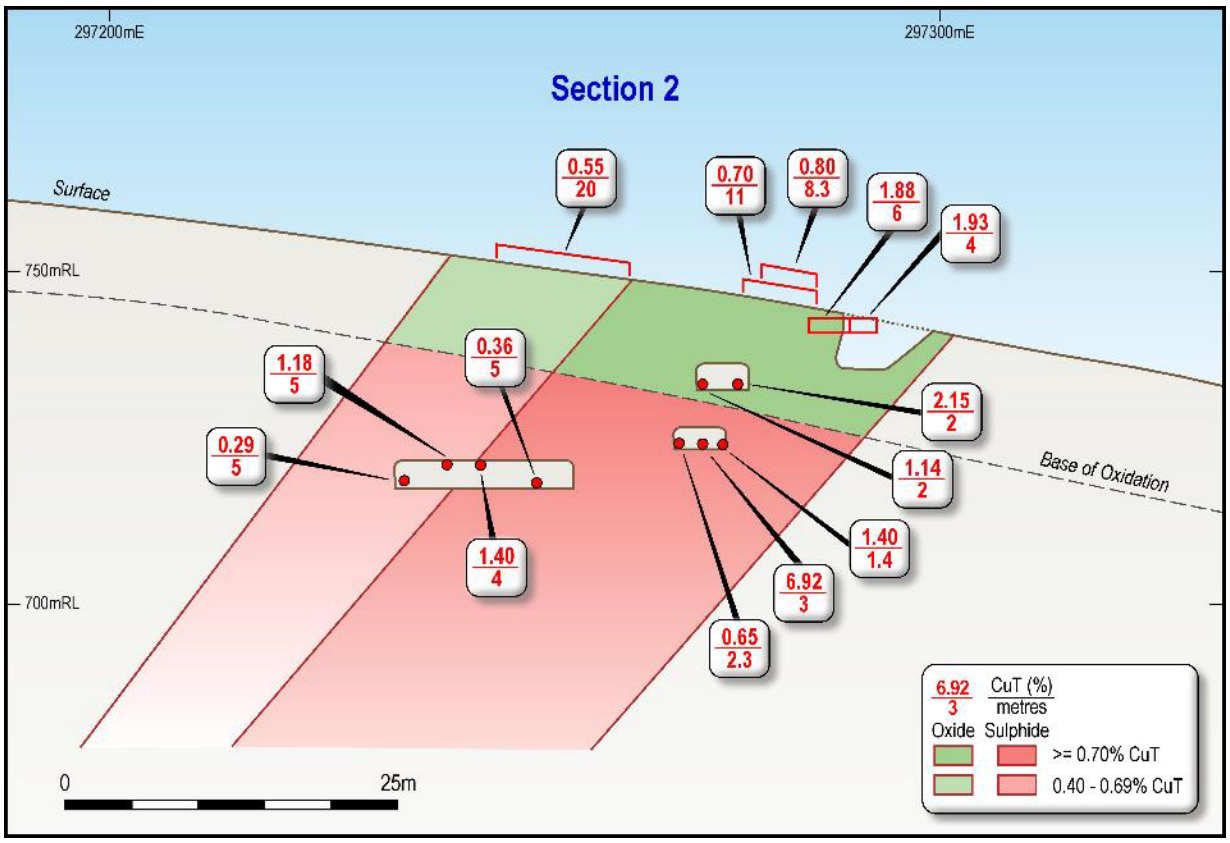
Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Fortuna project area comprises twenty-one exploitation concessions, which cover a total area of approximately 1,775 Hectares. Culpeo Minerals has agreements in place to earn up to 80%.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• Historic exploration was undertaken by Inversiones Em Dos Limitada from 2007 to the present. • Alara Resources undertook a 17 hole drilling program at El Quillay from 2011 to 2012 and also undertook a IP geophysical survey.
Geology	*Deposit type, geological setting and style of mineralisation.*	• The Fortuna project is associated with a structural belt orientated in a NS / NW direction, about 6km long and 500m wide. Mineralisation is predominantly copper with accessory gold, silver and molybdenum. Mineralisation is structurally controlled and associated with breccias and intrusive units
Drillhole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:* • *easting and northing of the drillhole collar* • *elevation or RL (elevation above sea level in metres) of the drillhole collar* • *dip and azimuth of the hole* • *down hole length and interception depth hole length*	• A summary of the historic drillholes is provided in Appendix B.
Data aggregation methods	*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.*	• Only raw assay results have been reported.
Relationship between mineralisation widths and intercept lengths	*If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• Only down hole lengths have been reported with respect to drilling intercepts, true width of mineralisation is unknown.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Diagrams are included in the main body of the report.
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Results have been reported for the main elements targeted (Cu, Ag, Au and Mo). All historic drillhole locations are reported for context.
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• A IP Geophysical Survey: IP was completed at El Quillay over an area of 3,500 x 2,100 m, which included the sectors of El Quillay North, Quillay Central and Quillay South.
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• A surface mapping and sampling program is planned to be undertaken over the advanced targets identified at Fortuna. • Drilling will be undertaken based on the results of this work.

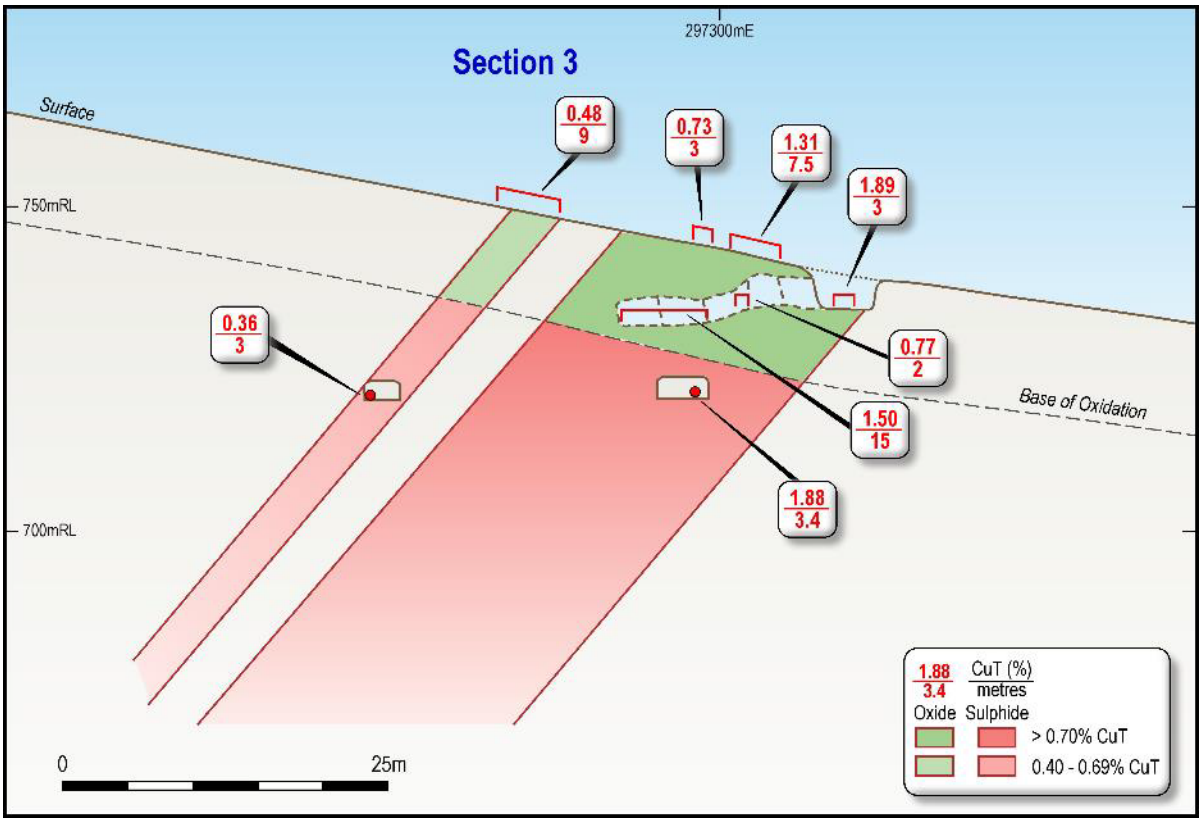
Appendix B Details of Historic Drilling – Fortuna Project

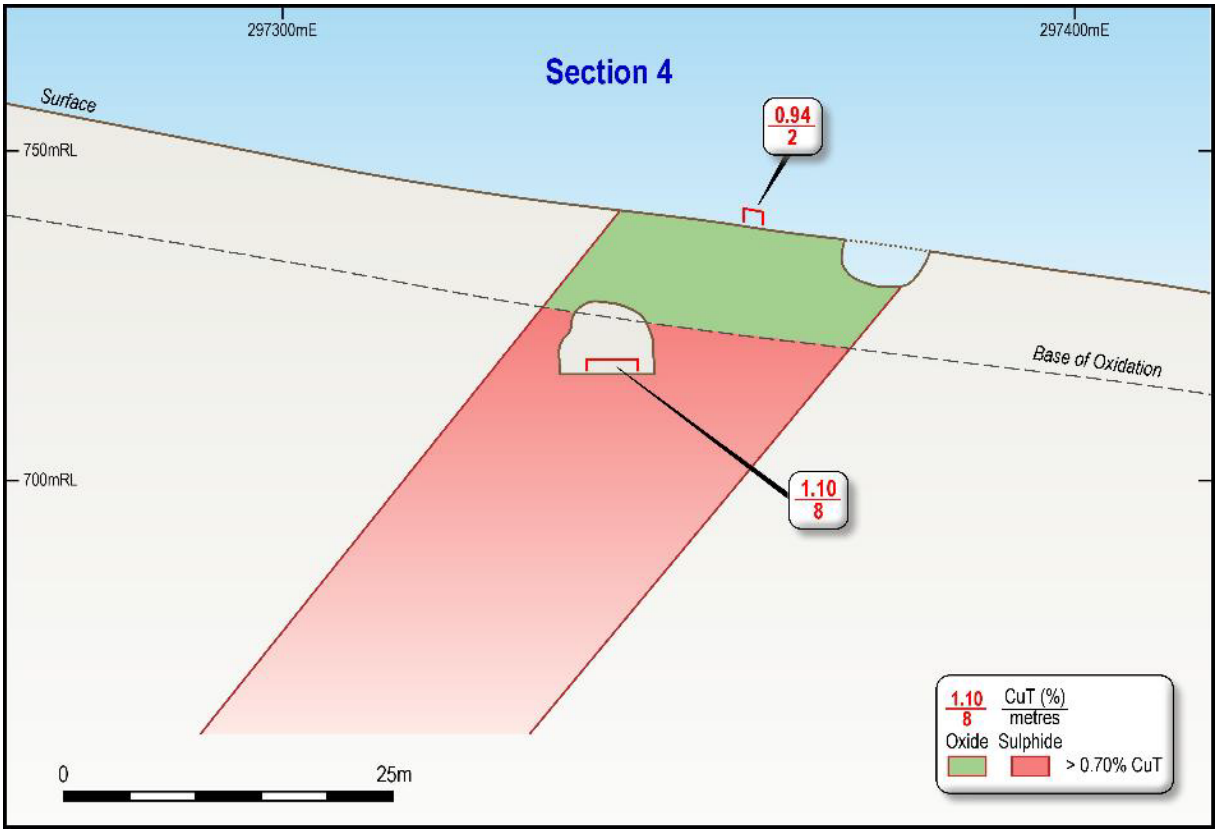
Hole ID	Easting	Northing	RL	Dip	Azimuth	Depth
QDD-01	297250.5	6571201.4	766.9	-55	56	190
QDD-02	297172.9	6571254.4	769.2	-55	52	344
QDD-03	297059.9	6571170.3	757.9	-50	52	311
QDD-04	297123.0	6571115.0	768.0	-55	56	391
QRC-5A	297094.8	6571242.9	757.5	-55	56	391
QDD-06	297072.0	6571285.0	753.0	-50	50	240
QDD-07	296973.0	6571198.0	753.0	-50	50	319
QDD-08	296919.2	6572284.5	761.0	-58	50	272
QRC-09	297235.0	6572014.0	770.0	-58	50	331
QRC-10	297050.0	6571061.0	760.0	-58	56	296
QDD-11	296900.0	6571134.0	753.0	-90	0	251
QDD-12	297036.6	6571001.5	779.0	-50	56	371
QRC-13	296801.4	6571304.3	768.7	-58	55	300
QRC-14	296757.0	6570864.0	783.0	-90	0	172
QRC-15	297655.0	6570593.0	766.0	-60	70	170
QDD-16	297710.0	6570456.0	779.0	-55	70	200
QDD-17	298284.0	6569550.0	831.0	-55	90	161

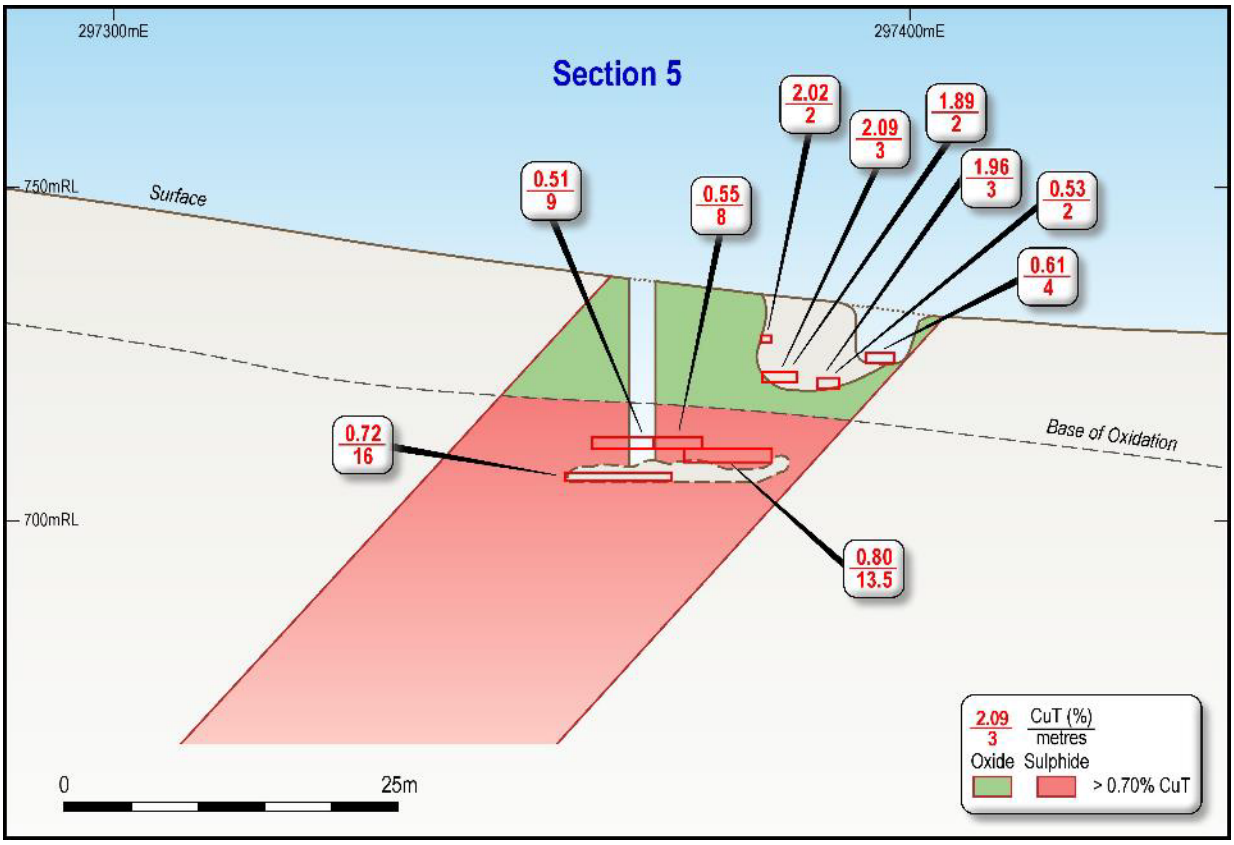
Appendix C El Quillay Prospect Cross Sections, showing historic underground sampling results

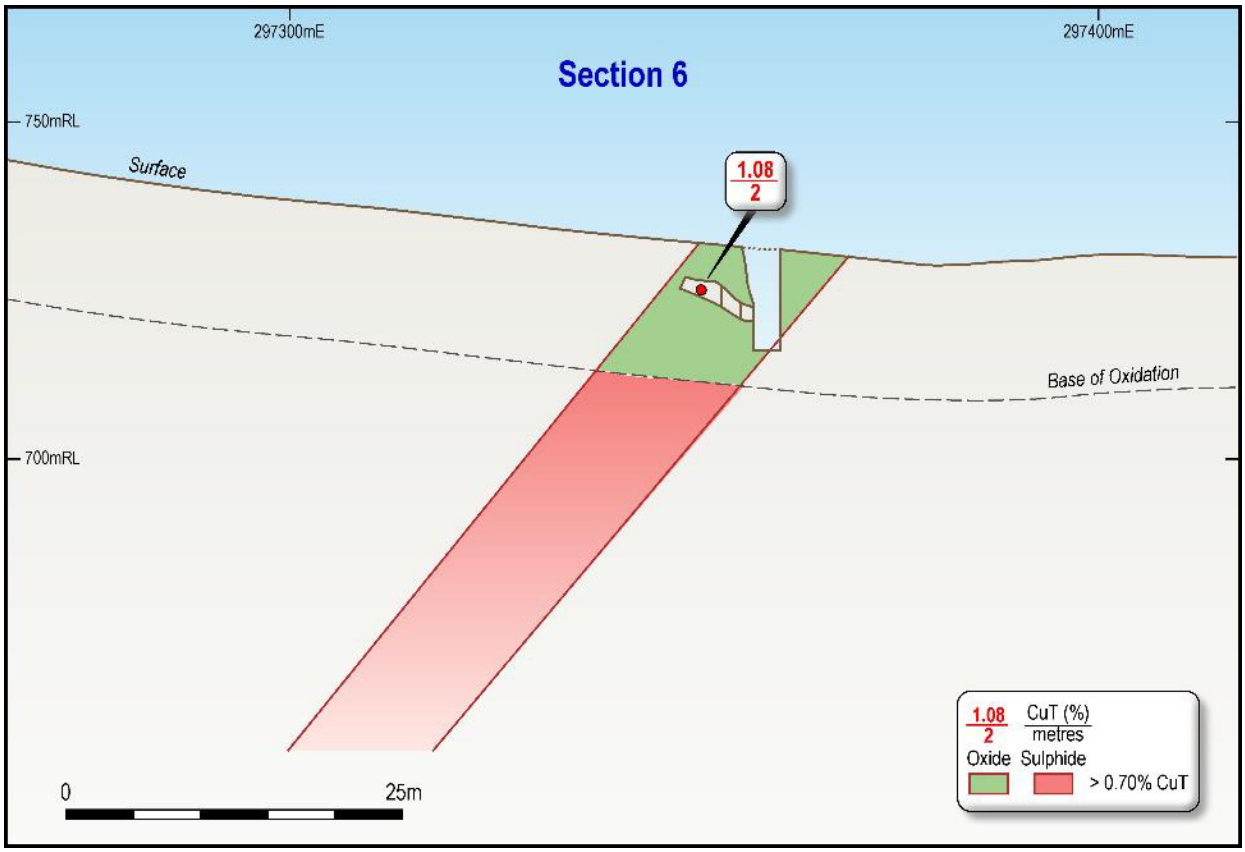












Appendix D El Quillay Prospect sampling results table

EL QUILLAY NORTH						
Sample No.	Easting	Northing	RL	Cu (%)	Au (g/t)	Sample Width (m)
1670	297404	6571312	727	2.02		2
1682	297406	6571288	720	2.09		3
1686	297323	6571374	720	1.89		3
1687	297412	6571284	720	1.90		3
2142	297413	6571289	720	0.67	0.01	2
2143	297413	6571291	720	0.53	0.01	2
2145	297385	6571333	744	0.94		2
2146	297244	6571344	757	0.22		3.5
2147	297249	6571361	755	0.32		6.5
2149	297248	6571375	752	0.18		4
2150	297254	6571371	753	0.50		5
2151	297257	6571374	752	0.39		3.6
2152	297264	6571373	752	0.59		4
2153	297274	6571373	750	0.72		4.3
2154	297272	6571377	749	0.90		4
2155	297268	6571381	749	0.37		3.2
2156	297267	6571383	749	0.41		3
2157	297265	6571389	749	0.49		2.4
2158	297275	6571369	750	0.41		5.5
2159	297283	6571359	748	0.38		8
2160	297292	6571367	747	0.73		3
2162	297293	6571376	746	1.31		7.5
2163	297286	6571382	747	0.49		4.5
2164	297285	6571387	746	0.51		5.2
2165	297284	6571391	746	1.07		2.8
2166	297283	6571394	746	0.49		3.5
2168	297259	6571407	747	0.36		4
2175	297208	6571409	744	0.19		10
2177	297393	6571393	743	1.60	0.04	2
2178	297299	6571390	744	1.55	0.04	3
2179	297295	6571388	745	1.76	0.05	2
2180	297294	6571390	744	1.72	0.04	2
2181	297293	6571392	744	2.09	0.04	2
2182	297264	6571408	741	1.12	0.04	2
2183	297262	6571409	741	2.73	0.06	2
3268	297211	6571412	743	0.14	0.01	2.9
3269	297211	6571410	744	0.15	0.01	2.9
3270	297211	6571407	744	0.15	<0.01	2.9
3274	297223	6571382	750	0.29	0.01	3.5
3275	297226	6571379	751	0.16	0.01	3.5
3276	297228	6571376	752	0.15	<0.01	3.5
3277	297265	6571371	752	0.29	0.02	3.1
3278	297264	6571268	752	0.57	<0.01	3.1
3279	297262	6571365	753	0.28	<0.01	3.1
3280	297260	6571362	753	0.75	0.04	3.1
3281	297259	6571359	754	0.45	0.01	3.1
3315	297267	6571373	751	0.64	<0.01	3
3316	297268	6571376	751	0.41	0.01	3

3317	297269	6571379	750	0.62	0.01	3
3321	297276	6571388	747	0.81	<0.01	3
3322	297278	6571391	747	0.74	0.01	3
3323	297279	6571393	746	0.71	0.01	3
3324	297281	6571396	746	0.45	0.01	2
3331	297246	6571375	752	0.26		3
3332	297245	6571372	752	0.22		3
3333	297245	6571369	753	0.21		3
3334	297245	6571366	753	0.31		3
3335	297244	6571363	754	0.32		3
3336	297244	6571360	755	0.21		3
3337	297244	6571357	756	0.33		3.8
3340	297257	6571352	755	0.41		3
3341	297254	6571349	756	0.24		3
3343	297252	6571335	757	0.06		3
3344	297253	6571333	757	0.11		3
3345	297255	6571331	757	0.09		3
3346	297256	6571328	757	0.43		3
3347	297257	6571326	757	0.23		1.5
3348	297236	6571313	761	0.51		2
3349	297242	6571318	760	0.65		2
3350	297259	6571318	756	0.71		1.5
3501	297247	6571263	763	0.72		2
3502	297267	6571275	757	0.47		2
3503	297262	6571293	757	0.24		2
3505	297220	6571292	766	0.36		2
3506	297222	6571276	766	0.33		2
3507	297228	6571268	765	0.73		2.5
3508	297227	6571267	765	0.49		1.5
3601	297296	6571304	751	0.69		1.7
3602	297213	6571325	761	0.70		4
3603	297202	6571360	753	0.21		2
3604	297190	6571331	759	0.77		2
3605	297194	6571326	758	0.25		1.5
3606	297198	6571336	760	0.65		2
3607	297252	6571336	757	0.09		2
3608	297254	6571337	756	0.06		2
3609	297257	6571339	756	0.19		3
3610	297260	6571340	755	0.46		3
3611	297263	6571341	754	0.18		3
3613	297276	6571341	752	0.16		3
3614	297279	6571342	751	0.26		3
3617	297273	6571359	751	0.50		3
3618	297275	6571361	751	0.37		3
3619	297277	6571363	750	0.56		3
3620	297203	6571377	750	0.10		3
3621	297200	6571376	750	0.13		3
3622	297197	6571375	750	0.12		3
3623	297194	6571374	750	0.14		3
3624	297191	6571373	750	0.21		3
3625	297188	6571372	750	0.16		3
3626	297196	6571399	745	0.42		3

3627	297193	6571398	745	0.30		3
3628	297184	6571396	744	0.12		3
3629	297181	6571395	745	0.09		3
3630	297179	6571393	745	0.17		3
3632	297273	6571367	751	0.49		3
3633	297277	6571371	749	0.51		3
3634	297279	6571373	749	0.89		3
3635	297281	6571375	748	0.98		3
3636	297283	6571377	748	0.70		3
3637	297223	6571343	758	0.38		3
3638	297224	6571346	757	0.36		3
3639	297226	6571348	757	0.19		3
3640	297227	6571351	756	0.47		3
3643	297099	6571319	756	0.20		4
3644	297108	6571335	754	0.22		4
3645	297126	6571357	750	0.23		4
3646	297130	6571345	753	0.69		4
3647	297153	6571362	751	0.30		4
3648	297162	6571374	748	0.21		4
3649	297144	3571381	747	0.09		4
3650	297093	6571343	749	0.17		4
3651	297067	6571348	745	0.05		4
3652	297053	6571323	746	0.36		4
3653	297073	6571319	750	0.18		4
3654	297086	6571295	754	0.25		4
3655	297083	6571278	754	0.05		4
3656	297085	6571265	755	0.01		4
3657	297076	6571254	755	0.46		4
3658	297065	6571269	752	0.28		4
3659	297057	6571249	752	0.49		4
3660	297031	6571249	748	0.35		4
3661	297034	6571237	749	0.36		4
3662	297056	6571218	755	0.20		4
3663	297082	6571224	758	0.52		4
3664	297089	6571244	758	0.57		4
3665	297138	6571186	772	1.05		2
3666	297104	6571182	767	0.67		2
3667	297103	6571180	767	0.16		2
3668	297102	6571178	767	0.21		2
3708	297027	6571227	749	1.46		3
3709	297039	6571216	752	1.09		3
3710	297047	6571211	754	0.83		2
3711	297069	6571200	759	0.60		3
3712	297080	6571198	762	0.31		3
3713	297079	6571195	762	0.91		2
3714	297078	6571193	762	0.94		3
3715	297132	6571174	771	0.59		2
3716	297263	6571237	756	1.04		3
3717	297265	6571239	756	2.12		3
3718	297267	6571242	756	2.04		3
3719	297204	6571287	766	0.42		2
3720	297203	6571286	766	0.57		1.5

3721	297155	6571299	763	2.05		2.5
3722	297067	6571153	762	0.61		1.5
3724	297115	6571155	768	1.04		2
3727	297221	6571336	759	0.38		1.5
3728	297218	6571333	760	0.36		2
3729	297215	6571329	760	0.20		1
3730	297193	6571304	764	0.70		2
3731	297187	6571302	764	0.30		2
3732	297250	6571283	760	0.45		3
3733	297249	6571280	760	0.03		3
3734	297249	6571277	761	0.42		3
3735	297249	6571274	761	0.57		3
3736	297248	6571271	761	0.57		3
3737	297248	6571268	762	0.73		3
3738	297246	6571260	762	0.38		3
3740	297267	6571271	757	0.19		2
3741	297266	6571269	757	0.27		2
3742	297265	6571267	758	0.60		3
3743	297264	6571264	758	0.31		3
3744	297254	6571294	759	0.62		2
3745	297253	6571292	759	0.51		2
3746	297227	6571288	765	0.36		2
3747	297232	6571284	766	0.86		2
3748	297227	6571281	766	0.35		2
3749	297227	6571273	766	0.42		2
3750	297185	6571293	765	2.74		1
3751	297140	6571355	752	0.24		2
3752	297099	6571333	753	0.37		2
3753	297137	6571309	759	3.63		2
3754	297136	6571307	759	1.47		2.5
3755	297050	6571318	746	0.34		2
3756	297071	6571263	753	0.36		3
3757	297072	6571260	753	0.31		3
3758	297072	6571257	754	0.40		3
3759	297072	6571254	754	0.45		3
3760	297072	6571251	755	0.34		3
3761	297041	6571311	746	0.01		2
3763	297245	6571079	768	0.47		3
3764	297298	6571068	754	0.39		1
3765	297288	6571112	760	0.89		0.7
3766	297269	6571110	766	0.97		0.7
3767	297236	6571111	772	1.77		1
3768	297205	6571119	777	0.01		6
3770	297258	6571164	765	0.19		2.5
3771	297213	6571163	773	0.33		6
3772	297174	6571147	777	0.15		1
3773	297216	6571202	768	0.01		6
3777	297147	6571160	773	0.01		7
3778	297130	6571318	758	0.65		7
3779	297133	6571298	762	0.26		5
3780	297131	6571282	762	0.30		6
3782	297153	6571285	764	0.92		5

3783	297211	6571297	766	0.22		9
3784	297255	6571219	761	0.07		3
3785	297024	6571212	751	0.48		12
3786	297047	6571195	755	0.29		8
JH-043	297145	6571305	762	2.95	0.06	3
JH-044	297179	6571295	765	2.71	0.04	1
3282	297301	6571380	735	0.77		2
3283	297302	6571384	735	0.47		1
3284	297285	6571387	735	1.53		3
3285	297283	6571382	734	0.49		3
3286	297296	6571378	734	1.76		3
3287	297297	6571375	734	0.85		3
3288	297297	6571372	734	2.74		3
3289	297297	6571369	734	1.06		3
3290	297297	6571366	734	1.10		3
3291	297277	6571391	734	2.15		2
3292	297273	6571386	724	0.72		2
3293	297263	6571392	726	1.70		2
3294	297263	6571392	726	1.14		2
3295	297238	6571401	723	0.77		3
3297	297220	6571409	721	0.41		3
3298	297218	6571404	721	0.38		1.5
3299	297218	6571404	721	1.19		2
3305	297235	6571396	720	0.92		2
3306	297233	6571395	720	1.04		2
3307	297244	6571398	723	1.24		3
3308	297254	6571391	724	0.65		2.3
3309	297258	6571391	726	1.40		1.4
3310	297262	6571381	722	1.88		3.4
3311	297264	6571385	724	6.92		3
21301	297236	6571382	720	0.31		4
21302	297239	6571380	720	0.37		4
21303	297242	6571377	720	0.95		4
21304	297233	6571368	718	1.10		5
21305	297230	6571371	718	0.46		5
21306	297227	6571371	718	1.18		5
21307	297226	6571358	718	0.91		5
21308	297253	6571364	718	0.24		5
21309	297253	6571367	718	0.36		5
2945	297353	6571321	713	0.76	<0.01	2
2946	297352	6571319	713	1.68	0.03	2
2947	297351	6571318	713	0.79	<0.01	2
2948	297359	6571320	713	0.19	<0.01	3
2950	297354	6571311	713	1.27	0.02	2
2951	297356	6571312	713	0.40	0.01	3
2952	297362	6571314	713	1.07	0.01	2
2954	297372	6571310	713	0.33	0.01	2
2955	297374	6571312	713	0.71	0.03	3
2956	297375	6571313	713	0.42	<0.01	2
2957	297364	6571298	713	0.47	0.03	2
2961	297370	6571301	713	0.37	<0.01	2
2962	297372	6571301	713	0.4	0.01	2

2963	297374	6571302	713	0.92	0.02	2
2964	297376	6571303	713	0.50	<0.01	2
2969	297378	6571298	713	0.52	<0.01	2
2970	297380	6571300	713	0.66	0.03	2
2971	297381	6571301	713	0.69	0.01	3
2974	297380	6571291	713	0.62	<0.01	2
2975	297381	6571293	713	0.72	<0.01	3
2976	297379	6571280	713	1.09	<0.01	2
2977	297381	6571280	713	0.76	<0.01	2
2978	297383	6571280	713	0.53	0.01	2
2979	297385	6571281	713	1.13	0.03	2
2982	297372	6571280	713	0.54	0.06	2
2983	297373	6571278	713	0.38	0.06	2
2984	297374	6571277	713	0.40	0.19	2
2985	297376	6571276	713	0.74	0.02	2
2986	297378	6571275	713	0.51	0.04	2
2987	297380	6571274	713	0.48	<0.01	2
2988	297382	6571274	713	0.19	<0,01	2
3141	297355	6571323	713	0.98	0.01	2
3143	297352	6571310	713	0.12	<0.01	2
3144	297352	6571309	713	1.28	0.01	2
3145	297370	6571308	713	1.82	0.05	2
3146	297366	6571298	713	0.32	<0.01	2
3147	297368	6571298	713	0.24	<0.01	2
3148	297370	6571297	713	0.87	0.02	3
3149	297381	6571319	713	1.12	0.03	2
3150	297377	6571315	713	0.50	<0.01	2.5
3151	297374	6571292	713	0.72	0.02	2
3152	297375	6571293	713	0.80	0.04	2
3153	297376	6571295	713	0.74	0.02	2
3154	297377	6571296	713	0.97	0.02	2
3155	297378	6571287	713	0.31	<0.01	2
3156	297379	6571289	713	0.92	<0.01	2
3157	297390	6571269	713	2.04	0.12	2
3158	297392	6571270	713	0.24	0.03	2
3265	297429	6571262	714	0.03		3
3266	297429	6571264	712	0.14		1.5
3267	297425	6571262	710	1.08		2