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MEDIA RELEASE

23 July 2024

Austral Gold Files Technical Report on Casposo and Addendum to ASX release on 17 July 2024

Established gold producer Austral Gold Limited's (Austral, AGL or the Company) (ASX: AGD; TSX-V: AGLD; OTCQB: AGLDF) is pleased to announce the filing on SEDAR+ and the ASX of a Technical Report, prepared in accordance with National Instrument 43-101 and Joint Ore Reserves Committee Code (JORC 2012), on the Casposo-Manantiales Mine Complex, dated 19 July 2024 (with an effective date of 30 April 2024).

Highlights of the Technical Report were disclosed in the Company's announcement dated 17 July 2024. The Technical Report is available on the Company's website at www.australgold.com and has been filed on SEDAR+ under the Company's profile at www.sedar.com and on the ASX at www.asx.com.au. The Company confirms that the material highlights of the Technical Report as disclosed in the Company's announcement dated 17 July 2024 remains unchanged.

In addition, the Company wishes to provide further information as an addendum for the purposes of ASX Listing Rule 5.8.1 (set out below) and an updated JORC Table 1 (to its 17 July 2024) which inadvertently did not include sections 1 and 2, which is attached to this release.

COMPETENT PERSON'S STATEMENT

For the purposes of Listing Rule 5.22, the Company confirms that the updated Mineral Resource estimate for the Casposo Mine was based on work reviewed or compiled by Marcos Valencia, an independent "Qualified Person" as defined by NI 43-101 and a "Competent Person" as defined in the JORC (2012) Code, either as a Member of the Australian Institute of Geoscientists, or members in good standing of Recognised Professional Organisations in Canada and the United States.

The Competent Person is a consultant of Wampeso Holdings Inc.

The Competent Person consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The Competent Person has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activities undertaken to qualify as a Competent Person as defined in the JORC (2012) Code.

Further information provided for the purposes of ASX Listing Rule 5.8.1 (to be read together with the release on 17 July 2024)

Geology and Geological Interpretation

The deposits exposed in the Casposo-Manantiales Property are typical Epithermal Low Sulphidation and they are multi-stage, open space filling events resulting in mineralized veins, breccias, stockworks and or veinlets.

This deposit type is characterized by quartz veins, hydrothermal breccia, stockworks, and veinlets units that contain gold, silver, electrum, and variable silver and iron sulphides. Alteration has been identified by Terraspec spectrometry and is typical of the Low-Sulphidation model, with broad haloes of white mica and less common kaolinite alteration around the mineralized veins, see figure 8.1.1 showing haloes formed around the mineralised structures. Silicification is the most common alteration type with multiple generations of quartz and chalcedony, which are typically accompanied by adularia and calcite. Pervasive silicification in the vein envelope is flanked by sericite–Illite–kaolinite assemblages. Kaolinite Illite–montmorillonite ± smectite (intermediate argillic alteration) can form adjacent to veins; kaolinite–alunite (advanced argillic alteration) may form along the tops of mineralised zones. Propylitic alteration dominates at depth and along the deposit margins.

Four main deposits have been geologically modelled by the team of the Casposo Mine. These structures are Manantiales, Mercado, Julieta and B-Vein and subsequently geostatistic was performed to determine the metal contents.

The mineralization frame occurs along a 10 km long WNW-ESE structural corridor. All the structures are the continuity of the main and previously exploited deposits called Kamila and from south to the north are B-Vein, Mercado, Julieta and Manantiales.

Casposo Mine is a prolific district where the mineralisation is still open and further exploration works will help to advance several targets identified by the AGL Exploration team.

Stockpiles: No geological models were constructed for the heaps' Mineral Resource estimate, as they are artificial deposits.

Sampling and Sub-Sampling Techniques

Sampling of core drilling was performed under geological criteria in which geological and geotechnical logging was performed on the core. The former was carried out by geologists for lithological, structural and mineralogical information, while the latter was done by trained personnel for recovery and RQD information.

Core recoveries were consistently high, averaging over 90%. Mineralized intervals were selected for assaying for gold and silver content. In cases where the holes were aimed for a specific target, sampling is carried out only in selected intervals of geological interest (veins, veinlets or stockworks), as well as in the adjacent footwall and hanging-wall host rock.

Sub-sampling interval size varies from a minimum of 0.3 meter to a maximum of 1.0 meters.

Diamond Saw half core splitting was conducted on HQ and NQ core holes.

Digital photographs were taken of the core to keep a permanent record. Intervals that were not assayed are in storage at the mine site.

Historic drill hole collars were surveyed with industry standard equipment, total station or Differential GPS survey instruments by internal personnel or third-party contractors.

Austral Gold undertook numerous random field checks on historic collar locations. Historic collar locations were generally found to be within $\pm 0.5\text{m}$ of the expected position in the chosen datum.

The database of historical data was validated and compiled by the AGL geology department and reviewed by an Argentina based Database administrator who reconciled a representative amount of available hardcopy drill logs and assay results against the digital drill hole database.

Drilling Techniques

The Mineral Resource Estimate (MRE) was based on significant historical drilling data undertaken and collected by previous owners including Battle Mountain, Newmont, Intrepid and Troy, plus drilling conducted by AGL.

Sampling was comprised of Diamond Drilling, Reverse Circulation (RC), and Surface and Underground channels, all of which were included in the MRE.

Approximately 95% of the information was obtained from DDH (Diamond Drill Hole) type drill holes, providing a solid foundation for the MRE totaling 122,290 meters (m). Total meters drilled were 125,242 m including 2,952 m of RC drilling.

All the drilling procedures adhered to the industry standards defined by the CIM (Canadian Institute of Mining, Metallurgy, and Petroleum).

Classification

In general, classification of Mineral Resources at Casposo uses criteria based on the risk associated with the distribution of the information as follows:

1. Confidence in the Au and Ag estimate.
2. Reasonable prospects for eventual economic extraction.

Assessment of confidence in the estimate of grades included guidelines as outlined in NI 43-101:

- Drill data quality and quantity.
- Geological interpretation and mineralised domaining.
- The spatial continuity of mineralisation.

Quantitative criteria relating to these guidelines include data density and the kriging search distances used.

More interpretative criteria include the extent of mine depletion and to a lesser extent the rock weathering condition and in situ bulk density of the mineralised and waste material.

While Austral Gold have undertaken recent industry standard quality-controlled diamond drilling, the majority of this MRE has been based on drilling data following industry standard documentation of QA/QC protocols, drilling and sampling methodologies and assay determination methods.

The overall confidence in the geological and mineralised interpretation and domaining is considered high, due in part to the existing mine openings and surface mapping undertaken by AGL employees.

The spatial continuity of mineralisation consistently demonstrated validity and geostatistical coherence across all geological and stationary domains.

The risk assessment was properly addressed using several sources of information to configure a drill grid pattern that can assure a risk level, which aligns with AGL's expectations.

- A benchmarking study was carried out to compare similar Epithermal Low Sulphidation deposits in well-known mines like El Peñon, Cerro Bayo and Amancaya in Chile, Cerro Vanguardia, some structures in Cerro Moro and Cerro Negro in Argentina, and Mercedes in Mexico. Most cases are between 20 m to 35 m arrangement and the variability of the gold and silver distributions are key to defining a minor or major drill pattern.
- Key information was the pattern that was used in the past by AGL and previous owners of the Casposo Mine. As stated by the AGL geology team, reliable reconciliations were obtained when was used a 25 m drill hole pattern to declare and define a resource as indicated.

Finally, this information, the benchmarking inputs and the expert criteria of the Qualified Person were relevant to define the same drill grid pattern 25 m x 25 m to define indicated resources for Manantiales, Julieta, Mercado and B-Vein deposits.

Formal studies of the optimal grid distance are strongly recommended to develop these new deposits in the Casposo Mine. The main goal is to determine the optimal distance between drill holes to ensure the desired level of confidence and minimize error for a year of ore production which AGL expects to be approximately 400Kton/year.

Low-Grade Stockpiles were classified as Indicated according to their origin, operational control process, mass determination and sampling.

Sample Analysis Method

All the respective drill and channel samples were analyzed at the Casposo Mine assay laboratory located at the mine site. The Casposo laboratory lab contains all the facilities for sample preparation, fire, wet and atomic absorption assays, as well as offices, washrooms, reagents and general storage.

The sample preparation and assay procedures for the historic data comprised:

- Each drill and/or channel sample was identified with a unique sample number that is tracked throughout the assaying process. The as-received samples follow the next process of preparation:
 - Weighing: ranging between 0.5 and 5.0 kg.

- Primary Crushing: jaw crushed to produce a 9.5 mm product,
 - Secondary Crushing: jaw crushed to achieve 90% passing 2.00 mm (10 mesh ASTM) product,
 - Splitting: a 1-in rifle to approximately 0.50 kg.
 - Drying: this 0.50 kg sample was dried for 2 hours at 102° C.
 - Pulverizing: 100% passing 0.15 mm (100 mesh ASTM). After pulverizing each sample, the bowl, ring, and puck assembly were disassembled with the pulverized sample and placed on a rolling cloth. The pulveriser assembly was placed back in the bowl with another sample. Two assemblies were used in an alternating fashion. The pulverized sample was rolled and transferred to a numbered envelope. Silica sand was pulverized at the end of the entire sample run in order to minimize possible contamination for the next run.
- Assaying was done by fire assaying methods (30 g charge) with a gravimetric finish. Each sample was fire-assayed using a traditional lead oxide flux as well as a known addition of silver, called in inquart. The samples are placed in gas fired assay furnaces. The fusion of the flux and inquarted sample produces a molten mixture that is poured into conical molds and cooled. The lead button formed during the fusion process is separated from the cooled slag and pounded to remove any adhering slag. The lead button is then cupelled using a magnesium oxide cupel. The remaining doré bead is flattened and weighed. The weighed doré is placed in a test tube and concentrated nitric acid added. The button is then rinsed, ammonia added, and rinsed again. The button is dried and then roasted for 5 minutes. After cooling, the gold is weighed, and gold to silver ratios are checked. If the ratio is greater than 0.40 additional silver and lead is added, and the sample is re-analyzed.
 - The gold and silver present in the sample are expressed according to the following formula:
 - $Au (g/t) = Au (mg) / \text{sample weight (g)}$; and
 - $Ag (g/t) = (Au + Ag) (mg) - Au (mg) / \text{sample weight (g)}$

External Laboratory: The AGL drill core was generated, collected and the core was analyzed by the independent and certified ALEX STEWART International, Mendoza, Argentina. The sample preparation and assay procedure for the analysis comprised:

- Senior AGL field technicians frequently visited and reviewed the drilling process and transport of the core from the hole collar to the Casposo mine logging and sampling facility. All core and samples were maintained in the enclosed and locked logging facility from where batches of bagged half core samples were subsequently transported to San Juan by vehicle directly to the ALEX STEWART Laboratory in Mendoza.
- Each drill sample was identified with a unique sample number.
- Gold analysis: The samples were assayed by method Fire Assay Fusion, AAS Finish by ALEX STEWART Laboratories Mendoza, Argentina in which sample decomposition by Fire Assay Fusion in which a 30g sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, and inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

- The bead is then digested in 0.5 mL dilute nitric acid in a microwave oven, 0.5 mL concentrated hydrochloric acid is then added, and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards (lower limit of 0.01 g/t Au and upper Limit 10 g/t Au).
- For samples > 10 g/t Au and < 1000 g/t Au the method was implemented using Fire Assay Fusion sample decomposition and gravimetric analysis whereby a prepared 30 g sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead are parted in dilute nitric acid, annealed and weighed as gold.
- Silver analysis: The sample is assayed by ALEX STEWART Laboratories Mendoza, Argentina in which sample decomposition is via HNO₃-HClO₄-HF-HCl digestion (ASY 4ACID) and analysis by AAS.
- The method involves the preparation of a (0.4) g sample combined with nitric, perchloric, and hydrofluoric acids, and then evaporated to dry. Hydrochloric acid is added for further digestion, and the sample is dried again. The residue is dissolved in nitric and hydrochloric acids and transferred to a volumetric flask (100 or 250) mL. The resulting solution is diluted to volume with de-mineralized water, mixed and then analyzed by atomic absorption spectrometry against matrix-matched standards (lower limit of 2 g/t Ag and upper Limit 200 g/t Ag).
- For samples between >200 g/t Ag and < 10,000 g/t Ag the method was implemented using Fire Assay Fusion sample decomposition and gravimetric analysis whereby a prepared 30g sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead are parted in dilute nitric acid, annealed and weighed as gold. Silver is then determined by the difference in weights.

Quality Assurance and Quality Control

- A proper QAQC program was implemented by AGL following the industry standards defined by the CIM.

Internal Laboratory

Several CRM were implemented like standards, blanks and duplicates.

For the drill hole data, an internal quality control program was implemented by AGL which comprised:

- Duplicate assay pulps on 5% of volume;
- Duplicate assay splits on 5% of volume; and
- Standards inserted every 20th sample.

AGL utilized two mineral standards for the drilling:

- Casposo Lab. STD BT: Au: 2.48 ± 0.1 Ag: 51.9 ± 3.61
- Casposo Lab. STD AT: Au: 68.2 ± 4.15 Ag: 943 ± 20.98

For the AGL infill drilling diamond core and Channel Sampling analysis results were obtained for standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations. Additionally, precision is monitored within a percentile relative variation range of 2 standard deviations.

External Laboratory

Several CRM were implemented like standards, blanks and duplicates.

For the AGL diamond drill core, quality control procedures adopted include the insertion of a range of certified geochemical standards and blanks that were inserted methodically on a one for every 20-sample basis (5%).

AGL utilized ten mineral standards for the drilling:

- Oreas 251b: Au: 0.51 ± 0.017 Ag: 0.1 ± 0.017
- Oreas 607: Au: 0.67 ± 0.024 Ag: 5.9 ± 0.189
- Oreas 601c: Au: 0.97 ± 0.048 Ag: 50.3 ± 2.31
- Oreas 624: Au: 1.16 ± 0.053 Ag: 45.3 ± 1.26
- Oreas 603c: Au: 4.96 ± 0.186 Ag: 294 ± 13
- Oreas 609c: Au: 4.97 ± 0.260 Ag: 24.6 ± 1.03
- Oreas 610: Au: 9.83 ± 0.254 Ag: 49.4 ± 1.79
- Rock Labs SP49: Au: 18.34 ± 0.34 Ag: 60.2 ± 2.5
- Rock Labs SP47: Au: 39.88 ± 0.85 Ag: 122.3 ± 5.7
- Rock Labs OxQ75: Au: 50.3 ± 1.100 Ag: 153.9 ± 7.3

For the AGL diamond drill core, RC drilling and Channel Sampling analysis were conducted for the results for the standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations and additionally precision is monitored in a percentile relative variation range within 2 standard deviations.

Estimation methodology

Stationary domains were estimated for Au and Ag were made using ordinary kriging (OK) via a three-dimensional (3D) estimation methodology. The 3D method utilises regularized composites to create an additive variable.

Drilling Database

Drill hole data was provided in MS Excel format and represents a compilation of all drilling conducted by the AGL geology team. This data was imported and reviewed in a 3D Vulcan drill hole database. The main files containing the imported fields and their descriptions are found in Table 14.1.

The grid datum used for collar and survey files is Gauss Kruger, Datum Campo Inchauspe 1969 Zone 2.

The assay table contained single fields for Au and Ag. No validation or check re-assay data were

available in the data supplied. However, in the central data base managed by the AGL corporate data base administrator, the information is accessible.

An additional MS Excel table was provided by Austral Gold that contains the interpreted intercepts defining the stationary domains. Given the nature of these type of deposits, they primarily consist of veins.

These interpretations can provide a basis for the interpreted domains that were used as a guide to validate the model in 3D.

The database structure is a typical relational database to compile the information of the collar like coordinates and some descriptors of the project and type of drilling, the drill hole topography, the assay table record the information related to the grades and geological units and the lito table record geological information. Table 14.1 describes the tables and fields in the database. The holeid field serves as the key field to relate the tables.

Table 14.1: Database structure for all project.

Table	Collar	Survey	Assay	Lito
Field	holeid	holeid	holeid	holeid
	east	az	sample	from
	north	dip	from	to
	elev	sdepth	to	lito01
	depth		auppm	minsty
	projec		agppm	
	type		aeuq	
			ug	
			flag	

The QP has only undertaken basic data validation.

Geological Modelling, Stationary Domains and Composites

Weathering Surfaces: No oxidation/weathering surfaces have been provided for the MRE.

Geological Interpretation

The mineralised domains evaluated for the MRE were interpreted by the AGL geology team using a model in Leapfrog and a set of cross vertical sections. They were used to guide the 3D modelling for veins, breccias, stockwork or veinlets mineralization domains developed in Vulcan software.

For Manantiales deposit, a 3D model was developed using 3 main geological features that are mineralized Veins or hydrothermal Breccias, for both hangingwall and footwall a body of tectonic breccia was modelled and, in some cases, can bearing low grade mineralization. Also, a final envelope that include veinlets or waste rock was modelled to constrain the internal domains of mineralization.

For the remaining ore bodies, a single domain was modelled, consisting of veins or hydrothermal breccias which contain the gold and silver mineralization. This domain was defined as the main domain and an external envelope identified as a veinlet envelope was defined to constrain the main ore body.

Table 14.2: Domain codes.

Geological Domain	Code
Vein and Hydrothermal Breccia	MQV
Hangingwall and Footwall Tectonic Breccia	BX*
Veinlet developed on the wall rock	VLT

* only developed in Manantiales Deposit

Once the modelling was finished, all the drill holes considered in the estimation were flagged in a field called flag and ug into the Assay table to mark every single sample with the corresponding stationary domain (see Table 14.2). This method is developed to use the real length of the samples when the process of compositing is developed.

When the regularized composites are built, they are broken down using the physical limits of every stationary domain defined in the flag field. The regularized length choose is 0.5 m due to the high variability of the grades in the width direction and also the selected block size was 0.5 m*0.5 m*0.5 m, for the main stationary domains.

When the composites are created, a regular length is selected which is related to the block size, and start in the first geological limit. Once the routine is completed, the first composite to the length is defined, and the routine will create the following until the end of the geological limit in every geological unit. It is important to note that when the routine is building the last composite, each stationary domain can create the last using a length minor or equal to the regular length defined. No compensation in length is defined in this routine. Figure 14.1 illustrates the Stationary Domains in the Casposo Low Sulfidation Epithermal Mineralization System. Grey dot lines define the VLT domain and the magenta line define the MQV domain figures 14.2, 14.3 and 14.4 shows the 3D stationary domains modeled for Manantiales, Julieta, Mercado and B-Vein.

Figure 14.1 Stationary Domains (Cross Section view) AuEq in ppm.

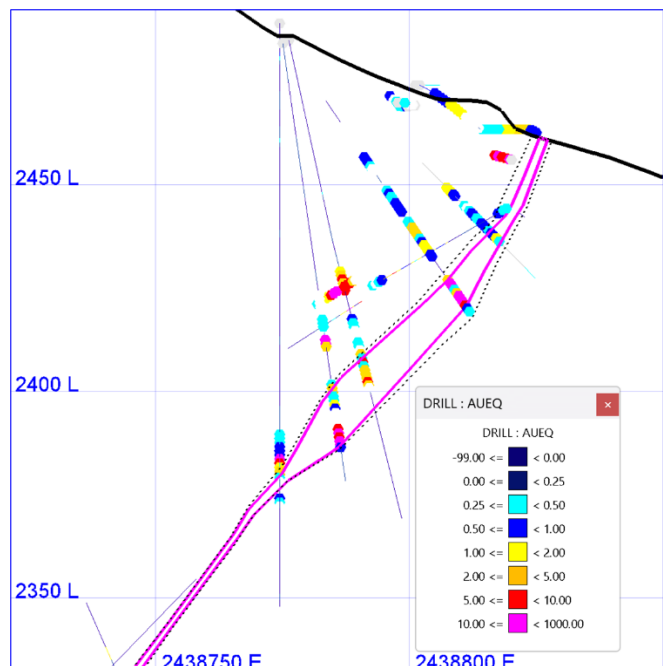


Figure 14.2 Manantiales (left) and Julieta (right) mineralisation domains (plan view)

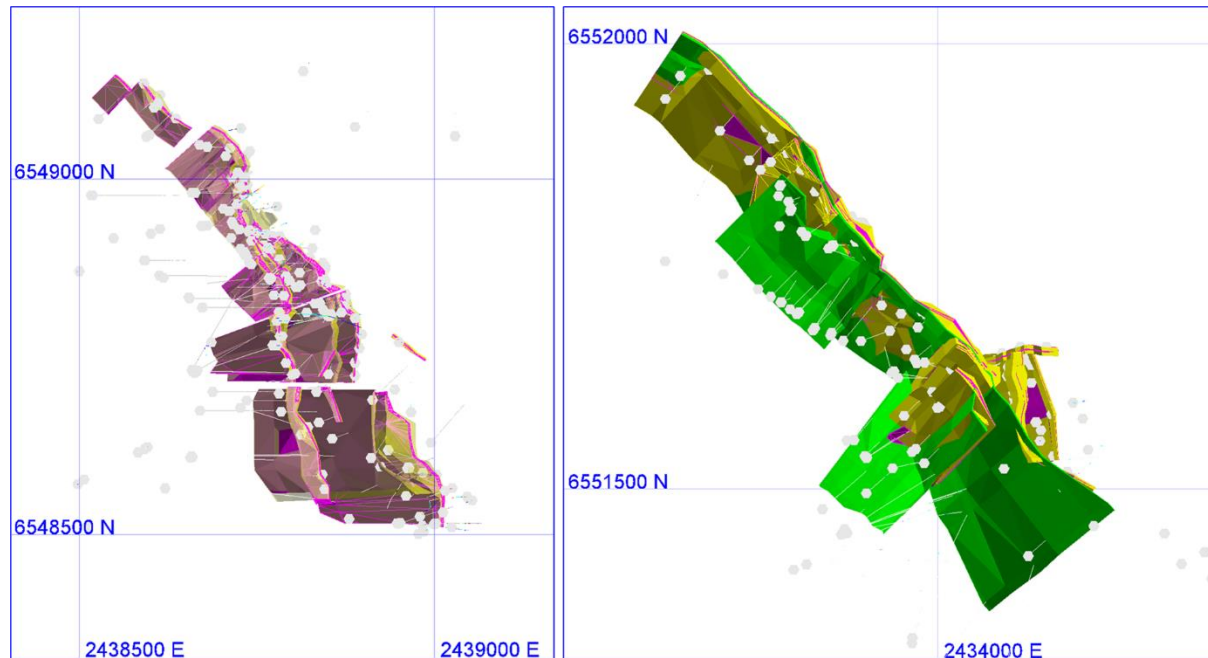


Figure 14.3 Mercado mineralization domains (plan view).

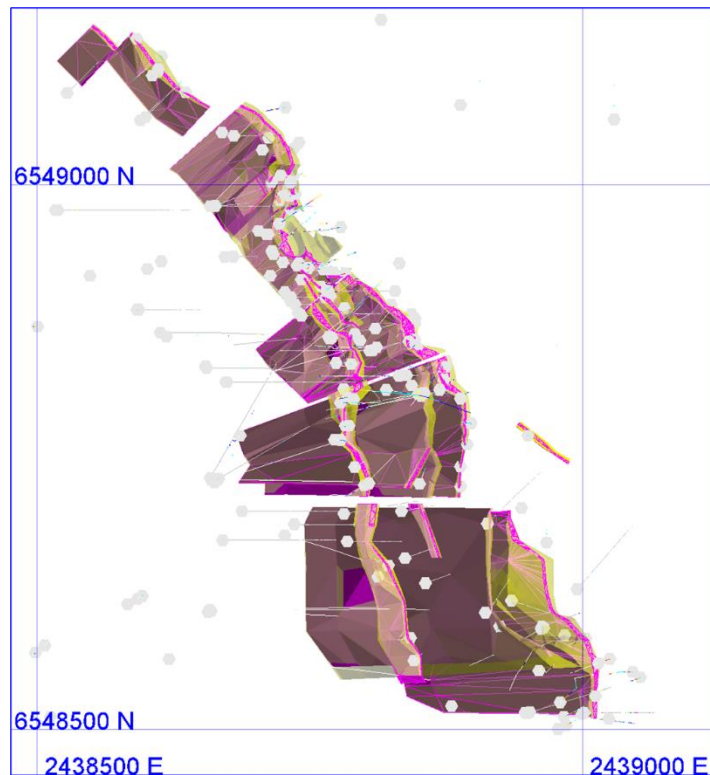


Figure 14.4 B-Vein domain (Plan View).



Composites are the information that will be used in the estimation process and statistics are performed to all the units considered. Table 14.4 shows the codes defined for the Stationary Domains for the four deposits and the Table 14.5 are the statistics performed.

Geological and Estimation Domains

The geological domains were developed based on the interpretation of the AGL geology team for each deposit. Detailed logging was performed and compiled to define the main geological units which are the main mineralized structure composed of veins or hydrothermal breccias that were coded and interpreted in every cross section. An envelope of waste rock or in some cases low grade mineralization was interpreted to constrain the main geological unit that bearing gold and silver mineralization.

To define the Estimation Domains, we relied on the geological domains as long as the structural continuity was present. Parallel, secondary or tensional structures, define different geological domains and consequently different estimation domains.

In these types of deposits, it is typical to find parallel or tensional structures in an arrangement that is known as extensional jogs or bends.

Explicit domains were defined and the main mineralized estimation domain that was called Massive Quartz Vein [MQV], outer domains were identified as Veinlet [VLT] alluding to waste and in some cases low grade estimation domain and geologically present veinlets described in the log and in some cases when the mineralization style was not described the gold and silver grade can be used to

define the outer domain. Only in the case of Manantiales deposit was another domain defined as breccia [BX] identified, whereby the estimation domains formed by the tectonic breccia in both hanging wall and footwall rocks.

3D Estimation: A typical process of 3D estimation was performed in every project. Volume is defined based on the drill holes intersections for both mineralized or waste geological domain, which will be used as Estimation Domain as long as the structural 3D continuity was verified. Sampling was transformed to regular composite and used to develop the geostatistical estimation.

Domain Coding: Compositing of the drill hole assay data was carried out using the run length method, that is defined according to the features of the population analyzed. The process is explained in more detail in section 14.7. The method is controlled by the unique numeric coding within the MRE database.

Bulk Density: A comprehensive program of systematic bulk density measurement was implemented and developed by AGL, and Bulk density, a compilation of 310 samples was provided detailed by rock type and was assigned an average value for each one, were calculated using accumulated and average values which show coherent values.

For the MRE, 2.5 ton/m³ was assumed based on the information provided and defined by the mine planning department. As the mineralization styles are mainly bearing in veins, hydrothermal breccias, stockworks and veinlets, it is recommended to perform intensified measurements in the mineralized units.

Currently, the amount of information that was collected in waste units is sufficient. However, the QP recommends continuing with this program and focusing on intensifying the measurements in mineralized units rather than waste rocks. Only 7 measurements were taken in veins or any other type of mineralized rock and the author agreed with the use of a constant value of 2.5 ton/m³ for all rock types.

Table 14.3: Assigned Bulk density.

Rock Type	n	ton/m ³
Felsic Dyke	12	2.40
Andesitic Dyke	3	2.60
Vein	7	2.52
Polymictic Breccia	27	2.52
Monomictic Breccia	28	2.51
Dacitic Tuff	82	2.57
Welded Ryolithic Tuff	102	2.53
Manantiales Dacite	34	2.47
Epiclastic Andesite	1	2.33
Andesitic Tuff	14	2.62

Total samples	310
Accumulation	2.53
Average	2.51

Drill core sample 0.1 m to 0.2 m length

Mining Depletion

The project has been subject to both open pit and underground mining. Historic mining voids have

been precisely quantified. Recent surface surveys undertaken by AGL have provided for all the deposits. The resulting wireframe of open pit voids is considered a reasonable representation of the base of surface mined volumes. The block models were properly built and blocks were created above the surface and declared as air.

Underground mining voids have been declared as mined-out material. For these voids, underground sampling and 3D tunnel wireframes were used to define the area exploited in each vein area.

Exploratory Data Analysis and Outliers

Complete global statistics of composite tabulations of Au, Ag on the MQV, BX and VLT Stationary Domains are presented. Tables within this section present the relevant statistics for each deposit and their respective domains.

Raw statistics for the calculated regularized 0.5 m composite are shown in Table 14.5.

Table 14.4: Stationary Domains and Codes for Manantiales, Julieta, Mercado and B-Vein Deposits.

Manantiales Deposit		Julieta Deposit		Mercado Deposit		B-Vein Deposit	
Estationary Domain	Code	Estationary Domain	Code	Estationary Domain	Code	Estationary Domain	Code
MQV_HANG_NORTH	1	JUL_MQV_MAIN	1	MER_MQV_MAIN	1	B-VEIN_MQV_SV_TENS_1	1
BX_HANG_NORTH	11	JUL_MQV_NS_1	2	MER_VLT_MAIN	11	B-VEIN_MQV_SV_TENS_2	2
VLT_HANG_NORTH	111	JUL_MQV_NS_2	3	MER_MQV_CENTRAL	2	B-VEIN_MQV_SV_TENS_3	3
MQV_HANG_CENTRAL	2	JUL_MQV_WEST_1	4	MER_VLT_CENTRAL	22	B-VEIN_MQV_SV_TENS_4	4
BX_HANG_CENTRAL	22	JUL_MQV_WEST_2	5	MER_MQV_CENTRAL_SPLAY	2	B-VEIN_MQV_SV_TENS_5	5
VLT_HANG_CENTRAL	222	JUL_MQV_WEST_3	6	MER_VLT_CENTRAL_SPLAY	22	B-VEIN_MQV_SV_TENS_6	6
MQV_HANG_SOUTH	3	JUL_MQV_WEST_4	7	MER_MQV_SV_1	3	B-VEIN_MQV_SV_TENS_7	7
BX_HANG_SOUTH	33	JUL_MQV_WEST_5	8	MER_VLT_SV_1	33	B-VEIN_MQV_SV_TENS_8	8
MQV_EAST_HANG_SOUTH	4	JUL_MQV_WEST_6	9	MER_MQV_SV_2	4	B-VEIN_MQV_S_MAIN_TOP	9
BX_EAST_HANG_SOUTH	44	JUL_MQV_WEST_7	10	MER_MQV_SV_3	5	B-VEIN_MQV_MAIN	10
VLT_HANG_SOUTH	333	JUL_MQV_WEST_8	11	MER_MQV_SV_4	6	B-VEIN_VLT_MAIN	11
		JUL_MQV_EW_MAIN	12	MER_VLT_SV_2	44	B-VEIN_FELCIC_DIKES	1000
		JUL_MQV_SPLAY_S	13	MER_MQV_SV_6	7	B-VEIN_KAMILA_FAULT	2000
		JUL_VLT_MAIN	100	MER_VLT_SV_6	77		
		JUL_VLT_NS_1	200	MER_MQV_SV_5	8		
		JUL_VLT_NS_2	300	MER_VLT_SV_5	88		
		JUL_VLT_WEST_1	400	MER_MQV_MAIN_W	9		
		JUL_VLT_WEST_2	500	MER_VLT_MAIN_W	99		
		JUL_VLT_WEST_3	600	MER_FELCIC_DIKES	100		
		JUL_VLT_WEST_4	700				
		JUL_VLT_WEST_5	800				
		JUL_VLT_WEST_6	900				
		JUL_VLT_WEST_7	1000				
		JUL_VLT_WEST_8	1100				
		JUL_VLT_WEST_9	1400				
		JUL_VLT_EW_MAIN	1200				
		JUL_VLT_SPLAY_S	1300				
		DIKES & SILL	2000				

Table 14.5: Calculated Regularized composite at 0.5m stats.

Deposit	Merantiles																					
	MQV=1		BX=11		VLT=111		MQV=2		BX=22		VLT=222		MQV=3		BX=33		MQV=4		BX=44		VLT=333	
	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm
Number of samples:	112	112	426	426	429	429	15	15	32	32	105	105	4	4	38	38	3	3	2	2	146	146
Minimum:	0.1	0.0	1	0.0	1	0.0	1	3.4	8	0.1	2	0.0	0	2.7	9	0.0	1	54.0	21	0.5	7	0.0
Maximum:	77.3	350	8.5	134	9.9	63	22.5	129	3.5	9	2.0	11	48.2	192	6.1	262	54.0	21	0.5	7	6.5	23
Range:	77.2	349	8.4	134	9.9	63	19.3	120	3.4	7	2.0	11	45.5	183	6.1	261	0.0	0	0.0	0	6.5	23
Average:	6.1	26	0.7	8	0.4	4	12.5	43	0.9	4	0.2	2	15.2	70	1.2	23	54.0	21	0.5	7	0.3	4
Standard deviation:	10.4	43	1.2	16	0.8	4	6.7	43	1.1	2	0.3	2	19.1	75	2.0	58	0.0	0	0.0	0	0.9	5
Variance:	107.6	1857	1.3	242	0.7	17	44.9	1831	1.1	3	0.1	3	365.5	5570	3.9	3338	0.0	0	0.0	0	0.8	20
Geometric mean:	2.7	14	0.4	4	0.2	3	10.7	27	0.5	4	0.1	2	7.1	32	0.3	5	54.0	21	0.5	7	0.1	2
Geometric variance:	5.9	4	3.5	3	2.2	2	1.4	3	3.9	1	3.3	2	6.5	11	18.3	11	1.0	1	1.0	1	4.5	3
Harmonic mean:	1.0	8	0.2	3	0.1	2	9.0	18	0.3	4	0.1	1	4.4	17	0.1	2	54.0	21	0.5	7	0.1	1
Skewness:	4.5	4	3.4	5	8.1	8	0.4	1	1.5	1	3.9	3	1.1	1	1.6	3	nd	1	nd	nd	6.0	2
Fisher Kurtosis:	24.0	27	13.2	25	75.0	104	-1.2	0	0.7	1	17.1	10	-0.7	-1	0.9	11	nd	-2	nd	nd	37.0	4
Nat. log mean:	1.0	3	-1.0	1	-1.6	1	2.4	3	-0.8	1	-2.5	0	2.0	3	-1.3	2	4.0	3	-0.6	2	-2.0	1
Nat. log variance:	1.8	1	1.3	1	0.8	0	0.4	1	1.4	0	1.2	1	1.9	2	2.9	2	0.0	0	0.0	0	1.5	1
Coef. of variance:	1.7	2	1.6	2	2.3	1	0.5	1	1.2	0	1.8	1	1.3	1	1.7	2	0.0	0	0.0	0	2.7	1
Sichel t:	6.7	27	0.7	7	0.3	4	12.8	43	0.9	4	0.2	2	18.0	105	1.1	15	54.0	21	0.5	7	0.3	4
Q1:	1.4	7	0.2	3	0.1	2	6.2	11	0.2	3	0.0	1	2.7	9	0.1	2	54.0	21	0.5	7	0.1	1
Median:	2.7	14	0.3	4	0.2	3	12.9	22	0.6	4	0.1	2	5.0	40	0.1	2	54.0	21	0.5	7	0.1	2
Q3:	6.4	28	0.7	6	0.3	4	19.9	77	0.8	4	0.1	2	27.7	131	0.9	6	54.0	21	0.5	7	0.3	5

Deposit	Julita													
	MQV=1		VLT=100		MQV=2 to 3		VLT=200 to 300		MQV=4 to 11		MQV=12 to 13		VLT=400 to 1400	
	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm
Number of samples:	254	254	436	436	19	19	74	74	297	297	53	53	599	599
Minimum:	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum:	81.9	605	26.1	204	19.3	119	68.4	246	32.2	470	14.6	82	16.6	67
Range:	81.9	604	26.1	204	19.3	119	68.3	246	32.2	469	14.6	82	16.5	67
Average:	5.3	29	1.0	6	3.4	22	3.0	16	5.0	35	3.0	23	0.8	5
Standard deviation:	7.4	48	2.5	18	6.4	39	10.5	41	5.7	59	4.0	23	1.7	8
Variance:	55.5	2446	6.1	320	40.5	1493	119.7	1682	32.5	3529	16.0	543	2.9	65
Geometric mean:	2.4	13	0.3	3	0.4	4	0.3	3	1.8	14	0.9	12	0.2	2
Geometric variance:	9.9	6	10.6	5	67.0	63	56.9	34	43.6	13	39.6	8	17.5	4
Harmonic mean:	0.6	5	0.1	1	0.1	1	0.1	1	0.2	3	0.1	3	0.1	1
Skewness:	5.4	7	6.7	8	1.7	2	4.9	4	2.2	5	1.7	1	4.6	4
Fisher Kurtosis:	45.1	73	55.6	79	1.4	1	22.9	17	6.3	30	2.1	0	26.5	19
Nat. log mean:	0.9	3	-1.2	1	-0.9	1	-1.2	1	0.6	3	-0.1	2	-1.5	1
Nat. log variance:	2.3	2	2.4	2	4.2	4	4.0	4	3.8	3	3.7	2	2.9	1
Coef. of variance:	1.4	2	2.5	3	1.9	2	3.6	3	1.1	2	1.3	1	2.2	2
Sichel t:	7.5	33	1.0	6	3.3	28	2.2	15	11.9	49	5.8	34	0.9	4
Q1:	0.9	6	0.1	1	0.1	1	0.1	1	0.7	5	0.3	7	0.1	1
Median:	3.5	17	0.3	3	0.2	4	0.3	2	3.5	22	1.5	15	0.3	2
Q3:	7.6	37	0.9	6	0.7	6	0.9	11	7.4	43	4.2	30	0.6	5

Deposit	Merado							
	MQV=1		VLT=11		MQV=2 to 9		VLT=22 to 99	
	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm
Number of samples:	516	516	969	969	276	276	625	625
Minimum:	0.0	0	0.0	0	0.0	0	0.0	0
Maximum:	66.4	2787	6.9	398	21.3	1068	3.2	74
Range:	66.4	2787	6.9	398	21.3	1068	3.2	74
Average:	1.9	97	0.4	8	1.2	89	0.3	7
Standard deviation:	4.8	245	0.6	19	2.6	388	0.4	9
Variance:	23.0	60134	0.4	359	6.8	35433	0.2	75
Geometric mean:	0.6	17	0.2	4	0.4	19	0.2	4
Geometric variance:	9.0	42	3.2	4	6.8	30	2.9	3
Harmonic mean:	0.2	4	0.1	2	0.2	4	0.1	2
Skewness:	8.1	6	5.4	11	5.7	3	3.9	3
Fisher Kurtosis:	85.8	42	39.9	196	37.8	12	19.3	15
Nat. log mean:	-0.5	3	-1.6	1	-0.9	3	-1.9	1
Nat. log variance:	2.2	4	1.2	1	1.9	3	1.1	1
Coef. of variance:	2.5	3	1.6	2	2.3	2	1.5	1
Sichel t:	1.9	108	0.4	8	1.1	101	0.3	7
Q1:	0.3	4	0.1	2	0.2	6	0.1	2
Median:	0.6	14	0.2	4	0.4	16	0.1	4
Q3:	1.9	73	0.4	7	0.9	71	0.3	8

Deposit	B-Vein							
	MQV=10		BX=11		MQV=1 to 8		MQV=9	
	Appm	Agppm	Appm	Agppm	Appm	Agppm	Appm	Agppm
Number of samples:	1161	1161	3958	3958	106	106	22	22
Minimum:	0.0	0	0.0	0	0.0	3	0.0	1
Maximum:	57.4	6183	33.9	1175	43.9	4621	3.1	1281
Range:	57.4	6182	33.9	1175	43.8	4618	3.1	1280
Average:	3.5	221	0.3	13	2.6	369	0.2	98
Standard deviation:	6.4	537	2.0	42	6.7	773	0.7	304
Variance:	40.6	28518	3.9	1792	45.3	596826	0.5	92254
Geometric mean:	1.0	55	0.1	5	0.5	96	0.0	6
Geometric variance:	40.5	26	7.4	5	27.6	22	10.4	30
Harmonic mean:	0.1	9	0.0	2	0.1	26	0.0	3
Skewness:	4.1	6	16.1	14	4.8	4	3.2	3
Fisher Kurtosis:	22.2	42	269.0	268	24.8	17	8.6	9
Nat. log mean:	0.0	4	-2.8	2	-0.7	5	-3.5	2
Nat. log variance:	3.7	3	2.0	2	3.3	3	2.3	3
Coef. of variance:	1.8	2	6.9	3	2.6	2	3.0	3
Sichel t:	6.2	289	0.2	11	2.7	454	0.1	32
Q1:	0.4	38	0.0	2	0.1	21	0.0	2
Median:	1.5	64	0.1	4	0.4	106	0.0	5
Q3:	3.6	180	0.2	10	2.0	338	0.0	7

The generally high variance characteristics and material outliers within the composite's distribution indicates the need to limit high-grade values.

Outliers can be addressed using the following actions to limit their influence:

- Thresholds are detected and defined using lognormal probability plot, then its consistency of the definition is checked in the table calculating the relative differences between composites, when the relative difference is greater than 5% it could be possible to consider as an outlier. Both definitions must be geologically consistent and coherent and relevant experience in this matter is needed to define the threshold in a relevant stationary domain
- Capping means all the composites major or equal to the threshold defined will be cutting and be replaced for this value. This action is not performed for the Casposo deposits because the metal content involved can be seriously affected due to the nature of this type of deposit's high grade variability and less geological continuity.
- Rather than capping, a high yield restriction is performed and is defined in the kriging plans. This means the treatment of the grades above the threshold will be restricted to an inner and smaller ellipsoid which define a very restricted and small influence, into the main search that were defined in every estimation pass and only when the samples above the top-cut or threshold is in this smaller search they will be used to estimate a block. If the outliers are out of the small and inner search never will be used to estimate a block.

Table 8-5 exhibits the threshold defined in the Stationary Domains. All distributions were analyzed and the defined thresholds were applied in the estimation plans.

Table 14.6: Outliers Definition for deposits and Stationary Domains.

Deposits		Manantiales				
Stationary Domain	Code	Auppm	%	Agppm	%	
MQV_HANG_NORTH_NOV2023	1	35	97.3%	101	95.1%	
BX_HANG_NORTH_NOV2023	11	9	99.9%	85	98.8%	
VLT_HANG_NORTH_NOV2023	111	9	99.8%	25	99.8%	

Deposits		Julieta				
Stationary Domain	Code	Auppm	%	Agppm	%	
JUL_MQV_MAIN	1	20.2	97.5%	86	96.7%	
JUL_MQV_WEST_2	5	17.2	94.3%	73	94.3%	
JUL_MQV_WEST_3	6	19.7	98.3%	114	96.0%	
JUL_MQV_WEST_4	7	32.2	93.8%	349	97.0%	
JUL_VLT_MAIN	100	-	-	106	98.0%	
JUL_VLT_NS_2	300	-	-	79	96.0%	

Deposits		Mercado				
Stationary Domain	Code	Auppm	%	Agppm	%	
MER_MQV_MAIN	1	31.6	99.3%	1039	98.5%	
MER_VLT_MAIN	11	-	-	116	99.5%	
MER_MQV_CENTRAL	2	21.3	97.0%	540	97.0%	
MER_MQV_CENTRAL_SPLAY	2	21.3	97.0%	540	97.0%	
MER_MQV_SV_1	3	-	-	840	95.0%	
MER_MQV_SV_2	4	-	-	349	96.4%	
MER_MQV_SV_4	6	-	-	333	92.0%	

Deposits		B-Vein				
Stationary Domain	Code	Auppm	%	Agppm	%	
B-VEIN_MQV_MAIN	10	34.6	99.5%	2584	98.9%	
B-VEIN_VLT_MAIN	11	2.64	99%	157.4	99%	

The main Massive Quartz Vein (MQV) domains exhibit grade ranges and variabilities considered large for robust linear interpolation. Visual inspection clearly shows the domains consist of

mineralized and non-mineralized regions. Minor structures were estimated considering a linear interpolation, although the amount of information can be small, it is enough to develop the process.

Spatial Variability

One of the main parameters to define in a resource estimation is the spatial variability and the definition of a valid function to solve the Kriging equations. Variograms provide the information to solve an equation system with a unique and valid solution.

On the other hand, for this type of deposits a proper definition of anisotropy or the way that grades are distributed in the space is key to ensure an accurate process of estimation. In the early days and due to the limitation of the estimation software was usual to use fixed directions of the search ellipsoid but now is possible to use some routines to mimic the spatial distribution of geological variables like grades called local variable anisotropy that are fully conditioned by geological constrains. In all the Casposo Deposits was used a routine of variable ellipsoid to mimic the 3D distribution of grades and avoid some artifacts.

3D Variograms were performed using operational sampling to define a function to be applied in the deposits. The aim of production channels was to obtain information about the shortest distances rather than the longest distances. A semi-empirical model is provided to use in the estimation process and provide a coherent solution related to the optimal grid drilling.

Table 14.7: Semi-variogram defined as a semi-empirical model.

Semi-empirical Varigram Model								
C0 =		0.1						
Structure	Variance	function	major	semi-major	minor	bearing	plunge	dip
C1 =	0.4	Sph	7.5	0.5	7.5	variable	variable	variable
C2 =	0.5	Sph	15	1	15	variable	variable	variable
C3 =	0.5	Sph	30	2	30	variable	variable	variable
Total Sill =		1.5						

Local Variable Anisotropy is an important feature of a geological domain and therefore for the stationary domain, it is important to know which are the directions of best continuity of mineralization called anisotropy. It is usual to define the local variable anisotropy to mimic the continuity of relevant geological features. In that way, was build an Anisotropy field based on the geological and stationary domains characteristics in specific the 3D orientation. Vulcan can build an Anisotropy Field based on surfaces and the information of this surface was recorded in the variables defined as bearing, plunge and dip.

Geological information is the base in the case of Epithermal Low Sulfidation deposits because they are structurally controlled and it is normal to follow a tabular shape of the ore bodies.

Cut-Off Grades and other parameters

Mineral Resources

Reasonable Prospect Assessment

The project is located on Mining Leases granted and has been historically mined. Grades and geometry are amenable to open pit and underground mining. The current (April 2024) Au price is ~US\$2,250 per ounce and given probable credits from Ag, an average positive revenue per tonne (after recoveries) would be achievable. Therefore, there is no apparent reason the Casposo Au-Ag deposits could not be mined economically.

The reported open pit MRE has been confined above an optimisation shell and underground stopes modelled on the criteria tabulated in Table 14.12 and Table 14.13. The shell selected for a base of reasonable expectations for reporting the MRE assumed a gold price of USD \$2,000/ounce and a silver price of USD \$20/ounce.

Table 14.13: Parameters used in the optimisation process.

Type	Mining					Cost					
	Cut-Off Grade	Dilution	Recovery	Slope	Density	Mining	Procesing	G&A	Selling	Operating	Cash
	AuEq ppm	%	%	°	ton/m3	USD/ton	USD/ton	USD/ton	USD/ton	USD/ton	USD/ton
Open Pit	1.5	-	95	50	2.5	6	65	15	38.7	71	124.7
Underground	2.0	15	93	40/140	2.5	60	65	15	38.7	125	178.7
Stockpile *	1.0	-	-	-	1.8	1.5	45	10	38.7	46.5	95.2

* only variable costs was considered

Other parameters considered in the underground optimization are as follow:

- Distance between levels: 15 m [Bench 11 m, Drift 4 m]
- Minimum and maximum width: Bench 2.08 to 6 and drift 4 to 6

Minimum and maximum dip: Bench 40° and drift 140°

Metallurgical Recoveries were used according to the information obtained on the deposit to optimize the open pit and underground method. Table 14.13 illustrates the recoveries in each deposit.

Table 14.14: Recoveries used in the optimisation process.

Metallurgical Recoveries		
Deposit	Au %	Ag%
Manantiales OP	93	80
Manantiales UG	93	75
Julieta	87	90
Mercado	93	91
B-Vein	89.6	87.4
Inca 2A, 2B & 2CD	89.6	87.4
Low Grade Stockpile	89.6	87.4

Stockpile optimization uses nearly the same parameters as open pit optimization. The key differences lie in the mining and general administrative costs, that were considered as variable costs.

Mineral Reserves

No Mineral Reserve were estimated.

Mining and Metallurgical Methods and Parameters

No mining methods were defined and metallurgical methods and parameters were assumed only to develop a reasonable prospect for economic extraction.

About Austral Gold

Austral Gold is a growing gold and silver mining producer building a portfolio of quality assets in the Americas. Austral continues to lay the foundation for its growth strategy by advancing its attractive portfolio of producing and exploration assets. For more information, please visit the Company's website at www.australgold.com.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Release approved by the Chief Executive Officer of Austral Gold, Stabro Kasaneva.

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Forward Looking Statements

Statements in this news release that are not historical facts are forward-looking statements. Forward-looking statements are statements that are not historical, and consist primarily of projections - statements regarding future plans, expectations and developments. Words such as "expects", "intends", "plans", "may", "could", "potential", "should", "anticipates", "likely", "believes" and words of similar import tend to identify forward-looking statements. Forward-looking statements in this news release include Austral continues to lay the foundation for its growth strategy by advancing its attractive portfolio of producing and exploration assets.

All of these forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors that could cause actual events or results to differ from those expressed or implied, including, without limitation, uncertainty of exploration programs, development plans and cost estimates, commodity price fluctuations; political or economic instability and regulatory changes; currency fluctuations, the state of the capital markets especially in light of the effects of the novel coronavirus, uncertainty in the measurement of mineral resources and reserves and other risks and hazards related to the exploration of a mineral property, and the availability of capital. You are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. Austral cannot assure you that actual events, performance or results will be consistent with these forward-looking statements, and management's assumptions may prove to be incorrect. Austral's forward-looking statements reflect current expectations regarding future events and operating performance and speak only as of the date hereof and Austral does not assume any obligation to update forward-looking statements if circumstances or management's beliefs, expectations or opinions should change other than as required by applicable law. For the reasons set forth above, you should not place undue reliance on forward-looking statements.

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> • Nature and quality of sampling (eg 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> • Diamond core (HQ and NQ) was cut longitudinally on site using a diamond saw. Samples lengths are generally from 0.3 m to 1.0 m in length. Sample lengths are selected according to lithology, alteration, and mineralization contacts. • Channel samples are cut into surface outcrop using a hand-held diamond edged cutting tool. Parallel saw cuts 3-5cm apart are cut 2-4cm deep into the rock which allows for the extraction of a representative sample using a hammer and chisel. The sample is collected onto a plastic mat and collected into a sample bag. • Core and channel samples were prepared by drying, crushing to 10 mesh ($\geq 80\%$), quartering (600g), and pulverizing to 106 microns ($\geq 95\%$). A 50g charge was analyzed for Au by fire assay with AA determination. Where the fire assay grade is > 10 g/t gold, a 50g charge was analyzed for Au by Fire assay with gravimetric determination. • A 10g charge was analyzed for 39 elements by using dissolution of 0.2g in aqua regia (partial digestion for some elements, especially Al, Ba, Cr, K, Na, Sn, Sr, Ta, Ti, V, and W) and determination by Radial ICP-OES. • For Ag > 100 g/ overlimit analysis was done by the same method using a different calibration. • Unused pulps are returned from the laboratory to the Project and stored in a secure location, so they are available for any further analysis. The remaining drill core is stored undercover for future use if required.
Drilling techniques	<ul style="list-style-type: none"> • Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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). 	<ul style="list-style-type: none"> • AGL drilling was exclusively conducted using Diamond Drilling (DD). Historic drilling was conducted by previous explorers, who also used DDH. Truck mounted and hand portable rigs were operated by various drilling contractors from San Juan and

Criteria	JORC Code explanation	Commentary
		<p>Mendoza. There is information available on oriented core by previous explorers, which was done by using HQ3 core (triple tube) and ballmark.</p> <ul style="list-style-type: none"> Core details for DDH drill holes and channels completed in the project that are used in the resource estimate are shown below in GK Campo Inchauspe, Faja 2 projection. Collar locations for drill holes are surveyed using DGPS.
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <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> 	<ul style="list-style-type: none"> Drill core is placed into wooden boxes by the drillers and depth marks are indicated on wooden blocks at the end of each run. These depths are reconciled by AGD geologists when measuring core recovery and assessing core loss. Triple tube drilling has been being done by AGD to maximise core recovery. Channel samples have been weighed to ensure a consistency between sample lengths and weights. The channel samples are collected from saw-cut channels and the whole sample is collected for analysis. There is no correlation between sample length and assay values.
<i>Logging</i>	<ul style="list-style-type: none"> <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> <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> 	<ul style="list-style-type: none"> For AGL drilling, all core is photographed and logged for recovery, RQD, weathering, lithology, alteration, mineralization, and structure to a level that is suitable for geological modelling and Mineral Resource Estimation. Geological logging was conducted using GV Mapper, in a format that can readily be cross-checked and is backed-up and transferred to a secure, offsite, cloud-based database which holds all drill hole logging sample and assay data. No specialist geotechnical logging has been undertaken by AGD. Detail logs, core and photographs are available for all historical drilling. Previous explorers conducted detailed geotechnical logging and reporting.
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality and appropriateness of the</i> 	<ul style="list-style-type: none"> AGL samples have been submitted to the Alex Stewart International Argentina laboratory in Mendoza, Argentina. The sample preparation technique is considered appropriate for the style of mineralization present in the Casposo-Manantiales Mine

Criteria	JORC Code explanation	Commentary
	<p><i>sample preparation technique.</i></p> <ul style="list-style-type: none"> <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> 	<p>Complex.</p> <ul style="list-style-type: none"> Sample sizes are appropriate for the mineralisation style and grain size of the deposit. Sample intervals are selected based on lithology, alteration, and mineralisation boundaries. Representative samples of all of the core are selected. Second-half core or quarter core samples have been submitted for quality control. The second half of the core samples has been retained in the core trays for future reference. Drill core is cut longitudinally using a diamond saw for sampling of ½ the core. The geologist logging the core, marks where the saw cut or split is to be made to ensure half-core sample representativity.
<p><i>Quality of assay data and laboratory tests</i></p>	<ul style="list-style-type: none"> <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i> <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i> 	<ul style="list-style-type: none"> A proper QAQC program was implemented by AGL following the industrial standards defined by the CIM. Internal Laboratory: several CRM were implemented like standards, blanks and duplicates. For the drill hole data, an internal quality control program was implemented by AGL which comprised: <ul style="list-style-type: none"> Duplicate assay pulps on 5% of volume; Duplicate assay splits on 5% of volume; and Standards inserted every 20th sample. <p>AGL utilized two mineral standards for the drilling:</p> <ul style="list-style-type: none"> Casposo Lab. STD BT: Au: 2.48 ± 0.1 Ag: 51.9 ± 3.61 Casposo Lab. STD AT: Au: 68.2 ± 4.15 Ag: 943 ± 20.98 <p>For the Austral Gold infill drilling, diamond core, and Channel Sampling analysis were conducted for the results using the standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations and additionally precision is monitored in a percentile relative variation range within 2 standard deviations.</p> <ul style="list-style-type: none"> External Laboratory: several CRM were implemented like

Criteria	JORC Code explanation	Commentary
		<p>standards, blanks and duplicates.</p> <ul style="list-style-type: none"> For the Austral Gold diamond drill core, quality control procedures adopted include the insertion of a range of certified geochemical standards and blanks that were inserted methodically on a one for every 20-sample basis (5%). AGL utilized ten mineral standards for the drilling: <ul style="list-style-type: none"> Oreas 251b: Au: 0.51 ± 0.017 Ag: 0.1 ± 0.017 Oreas 607: Au: 0.67 ± 0.024 Ag: 5.9 ± 0.189 Oreas 601c: Au: 0.97 ± 0.048 Ag: 50.3 ± 2.31 Oreas 624: Au: 1.16 ± 0.053 Ag: 45.3 ± 1.26 Oreas 603c: Au: 4.96 ± 0.186 Ag: 294 ± 13 Oreas 609c: Au: 4.97 ± 0.260 Ag: 24.6 ± 1.03 Oreas 610: Au: 9.83 ± 0.254 Ag: 49.4 ± 1.79 Rock Labs SP49: Au: 18.34 ± 0.34 Ag: 60.2 ± 2.5 Rock Labs SP47: Au: 39.88 ± 0.85 Ag: 122.3 ± 5.7 Rock Labs OxQ75: Au: 50.3 ± 1.100 Ag: 153.9 ± 7.3 For the Austral Gold diamond drill core, RC drilling and Channel Sampling analysis were conducted on the results for the standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations and additionally precision is monitored in a percentile relative variation range within 2 standard deviations.
<p><i>Verification of sampling and assaying</i></p>	<ul style="list-style-type: none"> <i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i> 	<ul style="list-style-type: none"> All information contained in this technical report was generated by AGL, most of which was previously verified in the technical report prepared in 2016 by RPA and all information developed in Manantiales after this date has been reviewed and validated by the QP. All information has been reviewed by the author and is declared to be in accordance with the guidelines established by the CIM and falls under the requirements of JORC Code for publication to the market. Verification was carried out by taking the original information, comparing it with what was reported in the 2016 report, and also

Criteria	JORC Code explanation	Commentary
		<p>reviewing the procedures that AGL applied during its drilling and quality assurance activities.</p> <ul style="list-style-type: none"> All information is captured, and processing procedures and protocols have been developed to detect deviations in the early stages of the process and to apply corrective measures for mitigation and to minimize the sources of risk of failures in the information generated and declared as public.
<i>Location of data points</i>	<ul style="list-style-type: none"> <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i> 	<ul style="list-style-type: none"> Following completion of drilling, collars are marked and surveyed using a differential GPS (DGPS) relative to a nearby Argentinian SGM survey point. The collars have been surveyed in Campo Inchauspe zone 2. The drill hole collars were surveyed with the proper survey instrument. All Austral Gold drill holes were downhole surveyed in a continuous down hole trace format using single-shot and lately Reflex-EZTrack and sometimes gyroscope. Following completion of the channel sampling, the location of the channel samples is surveyed from a survey mark at the entrance to the underground workings, located using differential GPS. The locations have been surveyed in Campo Inchauspe zone 2. The drill rig is set-up on the drill pad using hand-held survey equipment according to the proposed hole design.
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <i>Data spacing for reporting of Exploration Results.</i> <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i> <i>Whether sample compositing has been applied.</i> 	<ul style="list-style-type: none"> Data distribution for exploration purpose is separated by approximately 50 to 75 meters. Delineation drill spacing has been designed to intersect the mineralization to a nominal 25x25 meters to define indicated resources for Manantiales, Julieta, Mercado, B-Vein, and Inca deposits. Spacing and distribution is currently enough to support a Mineral Resource Estimate under the Indicated and Inferred categories. A small proportion of the mineral resources were classified as Measured based on the physical exposure of the structure and the density of channel sampling. Sample compositing has been done within the mineralization boundaries. Samples were composited to 0.5 meter for grade

Criteria	JORC Code explanation	Commentary
		estimation purposes.
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> • <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> • <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> 	<ul style="list-style-type: none"> • As far as is currently understood and where practicable, the orientation of sampling achieves unbiased sampling of structures and geology controlling the mineralisation. • For channel sampling, the orientation of the sample is determined by the orientation of the outcropping veins and breccias. • Drilling and channel sampling has been designed to provide an unbiased sample of the geology and mineralisation targeted.
<i>Sample security</i>	<ul style="list-style-type: none"> • <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> • Samples were under constant supervision by site security, senior technical personnel and courier contractors prior to delivery to the preparation laboratories in San Juan and Mendoza. • Standard QAQC procedures were implemented and currently applied. Chain of custody is reliable and the internal and external laboratories are constantly monitored. • Gold and silver values are provided by the laboratories in pdf and excel format files and imported into the geological data base system.
<i>Audits or reviews</i>	<ul style="list-style-type: none"> • <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> • There has not yet been any independent reviews of the sampling techniques and data. • Analytical laboratories for the project have not been inspected at this stage.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<p><i>Mineral tenement and land tenure status</i></p>	<ul style="list-style-type: none"> • <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> 	<ul style="list-style-type: none"> • The Casposo property is located in the Calingasta Department, San Juan Province, Argentina, at approximately 69°36'W longitude and 31°12'S latitude and centered coordinate 6,548,000 N and 2,438,000 E. The Casposo property is situated approximately 150 km west of San Juan, the capital of San Juan Province, Argentina, approximately 25 km north west of the town of Calingasta (Figure 4-1). The commune of Calingasta hosts a population of approximately 8,500 people based on the 2010 census for which its main economic activities have been historically agriculture, tourism and mining and the Casposo Mine was operated between 2010-2019. The Casposo Project is widely recognised and valued throughout the local community as a major source of jobs and commerce by employment during full operation of approximately 450 direct jobs and for which approximately 80% of the employees were historically resident in Calingasta. • The Casposo Property area is located within mining claims held by the Casposo Argentina Mining Ltd., which is 100% owned by the Austral Gold Limited group of companies. The Casposo-Manantiales claim block is comprised of 25 mining claims which cover an area of 48,611 hectares. • Two mining claims packages comprise the property Casposo Mine site. The southern and eastern claims are fully controlled by AGL (yellow in Figure 3-2.1) and the northern and western is an agreement between AGL and IPEEM (a provincial institute in charge of mining and development) (magenta in Figure 3-2.1) which agreed that the operator would be AGL and IPPEM would receive a 1% royalty on sales for the duration of the agreement for 5 years, and 5 phases of exploration investment totalling USD 1.5 million.

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		<ul style="list-style-type: none"> The mining claims are in good standing and the applicable annual fees were paid in January 2024. 																																																																																																																																							
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> First records of historical exploration traces back to 1997, when Manantiales S.A., a local company, applied for new mining tenements to cover the original terms of the H. Bastias tenements. Between 1998 and 2002, gold and silver mineralization was discovered in the Casposo District. Battle Mountain and Newmont Mining Limited discovered gold and silver 																																																																																																																																							

Criteria	JORC Code explanation	Commentary
		<p>mineralization through regional exploration activities, including surface sampling, geological mapping, trenching, rock sampling, geophysics and drilling holes.</p> <ul style="list-style-type: none"> • Subsequently, intrepid Minerals Corporation invested in various initiatives from 2002 to 2009 to advance the project. These efforts include regional reconnaissance, detailed trench sampling, core re-logging, bulk sampling for metallurgical studies and the development of diamond drill holes. • In 2009, Troy Resources Argentina assumed control and continued development studies. Commercial production started in November 2010 and concluded in 2015, resulting in total production of 283,000 ounces of gold (Au) Oz and 9.5 million ounces of silver (Ag). • In 2016, Austral Gold Limited purchased a 51% interest in Troy Resources Argentina (later renamed Casposo Argentina Mining Limited) AGL subsequently acquired an additional 19% in 2017 and the remaining 30% in 2019. As the mine operator, AGL restarted operations in 2016 and produced approximately 98,000 gold equivalent ounces including 44,000 gold ounces and 4.1 million silver ounces until the mine was placed on care and maintenance in 2019. • Currently the project is under study for reopening and this MRE is a crucial component of the ongoing assessment.
<p><i>Geology</i></p>	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> • The Casposo District is situated within the Cordillera Principal which runs along the border between Argentina and Chile approximately 1,500 km in a volcanic and seismic active zone. Basement is formed by Permian-Triassic rocks characterized by calc-alkaline affinity intrusive and volcanic rocks of andesitic to rhyolitic composition regionally known as Choiyoi Group. These younger Jurassic-Cretaceous sediments were thickened by compression and thrusting since the Late Cretaceous in a thin-skinned fold thrust belt. • In the Mine area, the Cordillera Frontal is underlain by marine metasediments (shales, sandstones, and conglomerates) of La

Criteria	JORC Code explanation	Commentary
		<p data-bbox="1346 204 2092 268">Puerta Formation (Carboniferous-Lower Permian). It correlates with the Agua Negra Formation to the north.</p> <ul data-bbox="1301 280 2116 1406" style="list-style-type: none"> <li data-bbox="1301 280 2116 767">• The Casposo gold–silver mineralization occurs in both the rhyolite and underlying andesite, where it is associated with banded quartz–chalcedony veins, typical of Low Sulphidation Epithermal environments. Adularia in the main veins gives an age date of 280 ± 0.8 Ma (K/Ar), very close to the published age dates for the andesite unit. Post-mineralization dykes, of rhyolitic, aphanitic-felsic and trachytic compositions which affects all the deposits Manantiales, Julieta, Mercado and B-Vein often cut the vein systems. These dykes, sometimes reaching up to 30 m thickness, are usually steeply dipping and north–south oriented. The mineralization at Casposo is typical of a low sulfidation type and is interpreted to be of a multi-stage, open space filling epithermal origin resulting in mineralized veins, hydrothermal breccias, stockworks or veinlets. <li data-bbox="1301 780 2116 911">• The deposits exposed in Casposo Property are typical Epithermal Low Sulphidation (LS) and they are multi-stage, open space filling events resulting in mineralized veins, breccias, stockworks and or veinlets. <li data-bbox="1301 924 2116 1307">• This deposit type is characterized by quartz veins, hydrothermal breccia, stockworks, and veinlets units that contain gold, silver, electrum, and variable silver and iron sulphides. Alteration has been identified and silicification is the most common alteration type with multiple generations of quartz and chalcedony, which are typically accompanied by adularia and calcite. Pervasive silicification in the vein envelope is flanked by sericite–Illite–kaolinite assemblages. Kaolinite Illite–montmorillonite \pm smectite (intermediate argillic alteration) can form adjacent to veins; kaolinite–alunite (advanced argillic alteration) may form along the tops of mineralised zones. <li data-bbox="1301 1319 2116 1406">• The mineralization framework extends along 10 km long NW-SE structural corridor. All the structures considered in this Technical report are continuations of the main and previously exploited

Criteria	JORC Code explanation	Commentary
		<p>deposits known as Kamila. Moving from south to north, these structures include B-Vein, Mercado, Julieta, Manantiales and Inca. The Casposo Property is a prolific district where mineralisation remains open and further exploration efforts will contribute to advance several targets identified by the AGL Exploration team.</p>
<p><i>Drill hole Information</i></p>	<ul style="list-style-type: none"> • <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> <ul style="list-style-type: none"> ○ <i>easting and northing of the drill hole collar</i> ○ <i>elevation or RL (Reduced Level – 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</i> ○ <i>hole length.</i> • <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i> 	<ul style="list-style-type: none"> • The MRE was based on significant historical drilling and data undertaken and collected by previous owners including local Battle Mountain and Newmont, Intrepid and Troy, as well as drilling undertaken by Austral Gold. • Holeid description name, x, y and z coordinates and total depth, survey, assay and geology tables are in a central database separated by area and can be reviewed in the data base. • Sampling was comprised of Diamond Drilling, Reverse Circulation, and Surface and Underground channels which included: <ul style="list-style-type: none"> <u>Manantiales:</u> Drill holes: 67 for an approximate total of 12,652 m. Channels 62 for an approximate total of 540 m. Total Sampling 129 for an approximate total of 13,192 m. <u>Julieta:</u> DDH Drill holes: 96 for an approximate total of 12,805 m. RC Drill holes: 10 for an approximate total of 1,043 m. Surface Channels: 83 for an approximate total of 376 m. Total Sampling 189 for an approximate total of 14,224 m. <u>Mercado:</u> Drill holes: 100 for an approximate total of 15,232 m. Channels 98 for an approximate total of 1,817 m. Total Sampling 198 for an approximate total of 17,049 m. <u>B-Vein:</u>

Criteria	JORC Code explanation	Commentary
		<p>DDH Drill holes: 311 for an approximate total of 81,609 m. RC Drill holes: 13 for an approximate total of 1,909 m. Underground Channels: 83 for an approximate total of 391 m. Surface Channels: 35 for an approximate total of 803 m. Total Sampling 442 for an approximate total of 84,712 m.</p> <ul style="list-style-type: none"> • Sampling of core drilling was conducted under geological criteria in which geological and geotechnical logging was performed on the core. The former was carried out by geologists for lithological, structural and mineralogical information, while the latter was done by trained personnel for recovery and RQD information. Core recoveries were consistently high, averaging over 90%. • Reverse Circulation drilling is conducted by drilling a defined drilling interval, generally varying between 0.5 m to 2 m, depending on the objective to be achieved. Once an interval is drilled, the sample is recovered, received in bags that are then mapped and sent for chemical analysis. • Mineralized intervals were selected for assaying for gold and silver content. In cases where the holes were aimed for a specific target, sampling is carried out only in selected intervals of geological interest (veins, veinlets or stockworks), as well as in the adjacent footwall and hanging-wall host rock. • For core drilling, sampling interval length size varies from a minimum of 0.3 m to a maximum of 1.0 m. Diamond Saw half core splitting was conducted on HQ and NQ core holes. Digital photographs were taken of the core to keep a permanent record. Intervals that were not assayed are in storage at the mine site. • Historic drill hole collars were surveyed with industry standard equipment, total station or Differential GPS survey instruments by internal personnel or third-party contractors. • Austral Gold undertook numerous random field checks on historic collar locations. Historic collar locations were generally found to be within $\pm 0.5\text{m}$ of the expected position in data tested.

Criteria	JORC Code explanation	Commentary																					
		<ul style="list-style-type: none"> The database of historical data was validated and compiled by the AGL geology department and reviewed by a corporate Database administrator who have reconciled a representative amount of available hardcopy drill logs and assay results against the digital drill hole database. 																					
<p><i>Data aggregation methods</i></p>	<ul style="list-style-type: none"> <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i> <i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i> 	<ul style="list-style-type: none"> Significant intercepts are reported directly using its gold and silver grades in ppm. Results are reported to cut-off grade of a 2-ppm gold and allowing for up to 2m of internal dilution between samples above the cut-off grade and 0.2 ppm Au allowing up to 10m of internal dilution between samples above the cut-off grade. Short lengths of high grade are properly informed indicating its length and grades involved. The following metals and metal prices have been used to report in this MRE gold grade equivalent (AuEq): Au US\$ 2000 / oz Ag US\$20 /oz most of cases. Metallurgical recovery assumptions have been applied using mineral processing records from the Casposo plant between 2010 to 2019, particularly used to process Casposo open pit and underground ore. Several metallurgical testings were performed on each structure of this MRE, and was calculated their own particular recovery for each deposit: <table data-bbox="1339 901 2049 1149"> <tbody> <tr> <td>Manantiales Open Pit:</td> <td>Au: 93%</td> <td>Ag: 80%</td> </tr> <tr> <td>Manantiales Underground:</td> <td>Au: 93%</td> <td>Ag: 75%</td> </tr> <tr> <td>Julieta:</td> <td>Au: 87%</td> <td>Ag: 90%</td> </tr> <tr> <td>Mercado:</td> <td>Au: 93%</td> <td>Ag: 91%</td> </tr> <tr> <td>B-Vein:</td> <td>Au: 89.6%</td> <td>Ag: 87.4%</td> </tr> <tr> <td>Inca 2A, 2B & 2CD</td> <td>Au: 89.6%</td> <td>Ag: 87.4%</td> </tr> <tr> <td>Stockpile</td> <td>Au: 89.6%</td> <td>Ag: 87.4%</td> </tr> </tbody> </table> 	Manantiales Open Pit:	Au: 93%	Ag: 80%	Manantiales Underground:	Au: 93%	Ag: 75%	Julieta:	Au: 87%	Ag: 90%	Mercado:	Au: 93%	Ag: 91%	B-Vein:	Au: 89.6%	Ag: 87.4%	Inca 2A, 2B & 2CD	Au: 89.6%	Ag: 87.4%	Stockpile	Au: 89.6%	Ag: 87.4%
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<p><i>Relationship between mineralisation widths and intercept lengths</i></p>	<ul style="list-style-type: none"> <i>These relationships are particularly important in the reporting of Exploration Results.</i> <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 (eg 'down hole length, true width not known').</i> 	<ul style="list-style-type: none"> Four main deposits have been geologically modelled by the team of the Casposo Mine. These structures are Manantiales, Mercado, Julieta and B-Vein and subsequently geostatistic was conducted to determine the metal contents. The mineralization frame occurs along 10 km long WNW-ESE structural corridor. All the structures are the continuity of the main and previously exploited deposits called Kamila and from south to the north are B-Vein, Mercado, Julieta and Manantiales. 																					

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> • Every single deposit was drilled mostly perpendicular to its main strike and four main deposits have been geologically modelled by the team of the Casposo Mine. These structures are Manantiales, Mercado, Julieta and B-Vein and subsequently geostatistic was performed to determine the metal contents. • The mineralization frame occurs along 10 km long WNW-ESE structural corridor. All the structures are the continuity of the main and previously exploited deposits called Kamila and from south to the north are B-Vein, Mercado, Julieta and Manantiales. • Drilling attempts to cut the mineralized structures at an angle that may adequately represent their width. The modelling considers the intercepts of the orebodies in 3D.
Diagrams	<ul style="list-style-type: none"> • <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> 	<ul style="list-style-type: none"> • Representative maps and sections are provided in the body of reports released to the ASX.
Balanced reporting	<ul style="list-style-type: none"> • <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> 	<ul style="list-style-type: none"> • . Not applicable – reporting Mineral Resources.
Other substantive exploration data	<ul style="list-style-type: none"> • <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 characteristics; potential deleterious or contaminating substances.</i> 	<ul style="list-style-type: none"> • Geological context and observations about the controls on mineralisation where these have been made are provided in the body of the report. • Specific gravity measurements have been taken from the drill core recovered during the drilling program. These data are used to estimate densities in Resource Estimates.
Further work	<ul style="list-style-type: none"> • <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> • <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> • All available final data have been reported where possible, along with the results of all drilling plans.

Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
Database integrity	<ul style="list-style-type: none"> Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes. Data validation procedures used. 	<ul style="list-style-type: none"> Initial data collection was completed in MS Excel, visual review and inspections using formulas for errors were completed before import into Vulcan. For drill hole validation to check for issues such as overlapping intervals, missing intervals and intervals beyond hole depth. The validated data was protected and passed to a server workspace to preserve the integrity of the information in charge of the TI department and controlled by the corporate data base administrator. All lab assay data was imported into the database and paired with sample data by sample ID. The final database was again validated in Vulcan for overlapping intervals, intervals beyond hole depth, non-consecutive intervals, missing intervals etc. A visual inspection of drill hole locations was completed.
Site visits	<ul style="list-style-type: none"> Comment on any site visits undertaken by the Competent Person and the outcome of those visits. If no site visits have been undertaken indicate why this is the case. 	<ul style="list-style-type: none"> A site visit was undertaken by the author of this Technical Report between March 12th to 14th, 2024. I have been on site, and I can review drill holes from each deposit and I can develop a field visit to the location of each deposit, and which ones were subject to studies in this report.
Geological interpretation	<ul style="list-style-type: none"> Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit. Nature of the data used and of any assumptions made. The effect, if any, of alternative interpretations on Mineral Resource estimation. The use of geology in guiding and controlling Mineral Resource estimation. The factors affecting continuity both of grade and geology. 	<ul style="list-style-type: none"> Reasonable and well developed understanding of geology and morphology of the mineralization was established and it was done using geological constrain to identify the geological ore bodies using textures and metal contents, further works were developed to a better understanding of the mineralization based on the hangingwall and footwall geological features that commonly presents brecciation and low grade mineralization in the Casposo Dacite unit also, felsic and andesitic dikes cut the mineralisation which is possible to follow at different levels and sections. Outcrop of the main veins and subordinated structures are well exposed in surface and in oldest open pits and in underground labors. Faulting is well identified and its actions in the main ore bodies are well understood at this time. Some faults may constrain the bounds of the mineralization and offset it

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		vertically and horizontally in places.																																																																					
<i>Dimensions</i>	<ul style="list-style-type: none"> <i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i> 	<ul style="list-style-type: none"> Resource block model ranges from surface to approximately 600 m below surface over a strike length ranging of approximately 700 m to 1000 m and from width length from 400 to 550 m. Thickness of the structures are typically between 0.5 and 5 m. Block Size: Parent: 2.5mx2.5mx2.5m and sub-block 0.5mx0.5mx0.5m Following tables indicate the Origin, Rotation and offset: <table border="1"> <thead> <tr> <th rowspan="2">Deposit</th> <th colspan="3">Origin</th> </tr> <tr> <th>X coord</th> <th>Y coord</th> <th>Z coord</th> </tr> </thead> <tbody> <tr> <td>Manantiales</td> <td>2,431,900</td> <td>6,552,300</td> <td>2,900</td> </tr> <tr> <td>Julieta</td> <td>2,434,050</td> <td>6,551,300</td> <td>3,050</td> </tr> <tr> <td>Mercado</td> <td>2,438,825</td> <td>6,548,275</td> <td>2,150</td> </tr> <tr> <td>B-Vein</td> <td>2,439,430</td> <td>6,547,440</td> <td>1,900</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">Deposit</th> <th colspan="3">Rotation</th> </tr> <tr> <th>Bearing</th> <th>Plunge</th> <th>Dip</th> </tr> </thead> <tbody> <tr> <td>Manantiales</td> <td>90</td> <td>0</td> <td>0</td> </tr> <tr> <td>Julieta</td> <td>45</td> <td>0</td> <td>0</td> </tr> <tr> <td>Mercado</td> <td>50</td> <td>0</td> <td>0</td> </tr> <tr> <td>B-Vein</td> <td>50</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">Deposit</th> <th colspan="3">Offset</th> </tr> <tr> <th>X length</th> <th>Y length</th> <th>Z length</th> </tr> </thead> <tbody> <tr> <td>Manantiales</td> <td>400</td> <td>700</td> <td>700</td> </tr> <tr> <td>Julieta</td> <td>400</td> <td>850</td> <td>450</td> </tr> <tr> <td>Mercado</td> <td>500</td> <td>900</td> <td>450</td> </tr> <tr> <td>B-Vein</td> <td>550</td> <td>1,000</td> <td>600</td> </tr> </tbody> </table>	Deposit	Origin			X coord	Y coord	Z coord	Manantiales	2,431,900	6,552,300	2,900	Julieta	2,434,050	6,551,300	3,050	Mercado	2,438,825	6,548,275	2,150	B-Vein	2,439,430	6,547,440	1,900	Deposit	Rotation			Bearing	Plunge	Dip	Manantiales	90	0	0	Julieta	45	0	0	Mercado	50	0	0	B-Vein	50	0	0	Deposit	Offset			X length	Y length	Z length	Manantiales	400	700	700	Julieta	400	850	450	Mercado	500	900	450	B-Vein	550	1,000	600
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<i>Estimation and modelling techniques</i>	<ul style="list-style-type: none"> <i>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</i> <i>The availability of check estimates, previous estimates and/or mine</i> 	<ul style="list-style-type: none"> A detailed explanation of the estimation and modelling techniques is given in Section 14 of the technical report relating to this resource estimate. It is not practical to describe all aspects of the estimation in JORC Table 1. Estimation was completed using block modelling and ordinary kriging, these methods are considered appropriate. Top cutting 																																																																					

Criteria	JORC Code explanation	Commentary
	<p><i>production records and whether the Mineral Resource estimate takes appropriate account of such data.</i></p> <ul style="list-style-type: none"> • <i>The assumptions made regarding recovery of by-products.</i> • <i>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</i> • <i>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</i> • <i>Any assumptions behind modelling of selective mining units.</i> • <i>Any assumptions about correlation between variables.</i> • <i>Description of how the geological interpretation was used to control the resource estimates.</i> • <i>Discussion of basis for using or not using grade cutting or capping.</i> • <i>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</i> 	<p>and high-grade restrictions were applied by domains, hard boundary to constrain the main geology feature was applied to prevent smearing the high grades into the low-grade area.</p> <ul style="list-style-type: none"> • Vulcan software was used to the 3D estimation and geological modelling. • A Block model with the parent cell size 2.5 m x 2.5 m x 2.5 m and sub-cell size 0.5 m x 0.5 m x 0.5 m was generated over the deposit area and restricted to wireframe models. Cell size based on the approximate 25 to 30 m drill spacing of mineralization. Sub blocking was applied to better fit wireframe models. • A variable search geometry was used to follow the strike and dip variations of the deposit where it follows the geometry of the vein structures. A semi-parametric variography model was applied to the deposits. • A univariate estimate was completed. • Geology was used to separate the different geological and stationary domains named as: <ul style="list-style-type: none"> • MQV: Massive Quartz Vein • BX: Hydrothermal breccia • VLT: Veinlet • Additional Kriging Parameters are as follows defining 5 passes. • Interpolation was conducted at the parent and sub-block scale • Discretization 4x4x4 • Negative weights were not set to zero • Maximum of 1 composite and minimum of 2 or 1 composites per drill hole to estimate • Maximum of 6, 4, 2 or 1 composite per search. • Search Radius: <ul style="list-style-type: none"> • Pass 1: 16 x 0.5 x 16 m • Pass 2: 32 x 0.5 x 32 m • Pass 3: 64 x 1.0 x 64 m • Pass 4: 80 x 1.0 x 80 m • Pass 5: 120 x 2.0 x 120 m.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> The model was validated by visual inspection of input and output data as well as statistical validation using boundary analysis and declustered mean comparison.
Moisture	<ul style="list-style-type: none"> Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content. 	<ul style="list-style-type: none"> Bulk density Is based on dry values
Cut-off parameters	<ul style="list-style-type: none"> The basis of the adopted cut-off grade(s) or quality parameters applied. 	<ul style="list-style-type: none"> Austral will process the material exploited in their own plant facility and all the mineral deposits are in the vicinity of the plant, maximum distance is far 5 km. At a cut off grade are based on both metals and the definition of income is based on gold equivalent (AuEq) and prices used were USD \$2,000 per oz gold and USD \$20 per oz silver. Recoveries were applied according to the deposits (see chapter 13). Open pit cut-off was defined as 1.5 gpt AuEq and Underground cut-off was defined as 2.0 gpt AuEq (further datils see section 14.12).
Mining factors or assumptions	<ul style="list-style-type: none"> Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made. 	<ul style="list-style-type: none"> A Reasonable Prospectus to be exploited was based on open pit and underground optimizations. Optimizations were developed assuming USD \$2,000 per oz gold and USD \$20 per oz silver. Pit shell and Stope optimizer was used to develop the open pit and underground mining respectively. Further details in section 14.12
Metallurgical factors or assumptions	<ul style="list-style-type: none"> The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made. 	<ul style="list-style-type: none"> No Metallurgical recovery assumptions have been applied using mineral processing records from the Casposo plant between 2010 to 2019, particularly used to process Casposo open pit and underground ore. Several metallurgical tests were performed on each structure of this MRE, and was calculated their own particular recovery for each one: <ul style="list-style-type: none"> Manantiales Open Pit: Au: 93%, Ag: 80% Manantiales Underground: Au: 93%, Ag: 75% Julieta: Au: 87%, Ag: 90%

Criteria	JORC Code explanation	Commentary
<i>Environmental factors or assumptions</i>	<ul style="list-style-type: none"> Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made. 	<ul style="list-style-type: none"> Mercado: Au: 93%, Ag: 91% B-Vein: Au: 89.6%, Ag: 87.4% No detailed Environmental Studies, Permitting and Social or Community Impact have been undertaken as part of this study. However, Casposo Mine is a mine complex that worked until 2019, all environmental care was and is carried out even when the operation is in the state of care and maintenance and once operations can restart, all environmental care and compliance required by the legislation of the province of San Juan and the Republic of Argentina demand
<i>Bulk density</i>	<ul style="list-style-type: none"> Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit. Discuss assumptions for bulk density estimates used in the evaluation process of the different materials. 	<ul style="list-style-type: none"> A comprehensive program of systematic bulk density measurement was implemented and developed by AGL and Bulk density, a compilation of 310 samples was provided detailed by rock type and was assigned an average value for each one, were calculated an accumulated and average values and both shows coherent values. For the MRE was assumed as 2.5 ton/m³ based on the information provided and defined by the mine planning department. Due to the mineralization styles mainly bearing in veins, hydrothermal breccias, stockworks and veinlets, it is fully recommended intensified measurements in the mineralized units. At this moment the amount of information that was taking in waste units is in a good level, it is recommended to continue with this program intensifying the measurements in mineralized units rather than waste rocks. Only 7 measurements were taken in veins or any type of mineralized rock types and the author agreed in the definition to use a constant value of 2.5 ton/m³ for all rock types.

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Andesitic Tuff	14	2.62																																										
Total samples		310																																										
Accumulation		2.53																																										
Average		2.51																																										
<p>Classification</p>	<ul style="list-style-type: none"> • <i>The basis for the classification of the Mineral Resources into varying confidence categories.</i> • <i>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i> • <i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i> 	<ul style="list-style-type: none"> • Classification of Mineral Resources at Casposo uses a criterion based on the risk associated to the distribution of the information as follows: <ul style="list-style-type: none"> • -Confidence in the Au and Ag estimate. • -Reasonable prospects for eventual economic extraction. • Assessment of confidence in the estimate of grades included guidelines as outlined in JORC (2012). <ul style="list-style-type: none"> • -Drill data quality and quantity • -Geological interpretation and mineralised domaining. • -The spatial continuity of mineralisation. • The more quantitative criteria relating to these guidelines include data density or grid pattern and the kriging search distances used. • The overall confidence in the geological and mineralised interpretation and domaining is considered high, due in part to the existing mine opening and surface mapping undertaken by Austral Gold staff. • The spatial continuity of mineralisation has shown itself to be consistent in all the geological and stationary domains and the data into those, are geostatistical coherent and valid. • The risk assessment was properly addressed using several sources of information to configurate a drill grid pattern that can 																																										

Criteria	JORC Code explanation	Commentary
		<p>assure a risk level according with AGL expectations:</p> <ul style="list-style-type: none"> -A benchmarking study was carried out to compare similar Epithermal Low Sulphidation deposits in well-known mines like El Penon, Cerro Bayo and Amancaya in Chile, Cerro Vanguardia, some structures in Cerro Moro and Cerro Negro in Argentina, and Mercedes in Mexico. Most cases are between 20 m to 35 m arrangement and the variability of the gold and silver distributions are key to defining a minor or major drill pattern. -Key information was the pattern that was used in the past by AGL an previous owner in Casposo Mine. As was stated by the AGL geology team, reliable reconciliations were obtained when was used a 25 m drill hole pattern to declare and define a resource as indicated. Finally, this information, the benchmarking inputs and the expert criteria of the Competent Person were relevant to define the same drill grid pattern 25 m x 25 m to define indicated resources for Manantiales, Julieta, Mercado and B-Vein deposits. Formal studies of the optimal grid distance is fully recommended to develop in all of these new deposits in the Casposo Mine, the main goal is to determine the optimal distance between drill holes to ensure the desired level of confidence and error for a year of ore production which is around 400Kton/year according the AGL expectations
Audits or reviews	<ul style="list-style-type: none"> <i>The results of any audits or reviews of Mineral Resource estimates.</i> 	<ul style="list-style-type: none"> In 2016 RPA develop a comprehensive review of mineral resource estimate covering all the areas of the mine developing a deep analysis of the entire business of the Casposo mine which in the opinion of the author is coherent and appropriate.
Discussion of relative accuracy/ confidence	<ul style="list-style-type: none"> <i>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</i> 	<ul style="list-style-type: none"> A statistical measure of uncertainty is appropriate at this time. The highest risk factor ascertaining to the accuracy of the estimate is the interpretation of the mineralized volume and therefore the tonnage of the estimate. The accuracy of the drill hole collars and digital terrain model over the historic pit area, as well as the data in the historic pit area are key factors the measure this uncertainty.

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</i> <i>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i> 	<ul style="list-style-type: none"> A qualitative estimate of uncertainty is of the order +/-15 global contained resource tonnes and metal. This is considered by the competent person to be well within the acceptable limits of indicated resource. Higher-grade assays are also a risk factor, although it should be noted that in relative terms the uncertainty on these high assay values, are mitigated based on the use of thresholds to define the top-cuts and the spatial influence of them avoiding smearing extreme values. A local estimate has been completed, only tonnages which have a reasonable prospect of economic extraction have been reported as Resources as stipulated by the JORC 2012 code. All Resources are considered relevant to technical and economic evaluation. The use of differential GPS collar surveys mitigates the uncertainty on the location of input data samples and therefore the accuracy of the local estimate.

WAMPESO

Mining and Geological Consulting

Natural Resources are part of our heritage

NI 43-101 Technical Report

Mineral Resources Estimate on the Casposo Mine

Department of Calingasta, San Juan Province, Argentina

Prepared for: Austral Gold Limited

Effective Date: April 30, 2024

Signature Date: July 19, 2024

Prepared by the following Qualified Person:

Marcos Valencia FAusIMM, Registered Member ChMC.



Report Control Form

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Important Notice



This report was prepared in accordance with National Instrument 43-101 *Standards of Disclosure for Mineral Projects* Technical Report for Austral Gold Limited (“AUSTRAL” or “AGL”) by Wampeso Holdings Inc. (“Wampeso”) known as the “Report Authors”. The quality of information, conclusions, and estimates contained herein is consistent with the level of effort involved in the Report Authors’ services, based on i) information available at the time of preparation, ii) data supplied by outside sources, and iii) the assumptions, conditions, and qualifications set forth in this report. This report is intended for use by AUSTRAL subject to the terms and conditions of its contract with the Report Authors and relevant securities legislation. The contract permits AUSTRAL to file this report as a Technical Report with Canadian Securities Regulatory Authorities pursuant to National Instrument 43-101. However, except for the purposes legislated under provincial securities law, any other use of this report by third parties are at risk. The responsibility for this disclosure remains with AUSTRAL. Users of this document should ensure that it represents the most recent Technical Report for the property as it is not valid if a new Technical Report has been issued.

Cautionary Statement

This Mineral Resource Estimate (“MRE”) is final and based on numerous assumptions. It includes Measured and Indicated plus inferred mineral resources. Measured Resources represent the highest level of geological confidence, while Indicated Resources have a lower confidence level than measured resources but are still reliable. Inferred resources have the least geological certainty. Measured and Indicated resources are considered to have a better understanding, a controlled risk and are not speculative geological nature, allowing economic considerations to be applied for estimating them as mineral reserves. Inferred resources are speculative and cannot be used in economic models. However, they can inform preliminary assessments. Mineral reserves have not been estimated in this study.

It is important to note that there is no guarantee that Inferred resources can be converted to Measured or Indicated resources.

Signatures

Qualified Person	<i>Marcos Valencia</i> FAusIMM #323676 Registered Member #432, ChMC	Signature	
Principal Author	<i>Marcos Valencia</i> Geologist M.Sc. Geostatistic MBA, M.Sc. Finance		

CERTIFICATE OF QUALIFIED PERSON

Marcos Valencia

B.Sc. Geology – M.Sc. Geostatistic

FAusIMM #323676 - Reg. Memb. #432

This certificate applies to the Technical Report titled “NI 43-101 Technical Report on the Mineral Resource Estimate for the Casposo Mine, Calingasta, San Juan, Argentina” (the “Technical Report”), prepared for Austral Gold Limited dated April 30, 2024, with an effective date of May 15, 2024.

- I, Marcos Valencia, FAusIMM and Registered Member of the ChMC, B.Sc. Geology and M.Sc. in Geostatistic, do hereby certify that:
- I am Geologist and Principal Geoscientist of Wampeso Mining Consulting located at 1074 Second Line, Hagersville, Ontario NOA 1H0.
- I am a graduate of Universidad Católica del Norte, Chile in Geology in 1998. I also obtained a M.Sc. in Geostatistic from Universidad Adolfo Ibanez, Chile in 2018.
- I am a Fellow of the AusIMM #323676 and Registered Member of the Chilean Mining Commission #432.
- I have worked in the mining industry for more than 25 years in several jurisdictions including Chile, Argentina, Brazil, Colombia, Mexico and Canada in several type of deposits and metals. I served as Qualified Person for numerous public companies through my career as an employee or consultant. My mining expertise was acquired in both precious and base metals industries. I managed numerous technical reports, mineral resource estimates and audits as a consultant for Wampeso Mining Consultant since December 2018.
- I have read the definition of “qualified person” set out in NI 43-101 – Standards of Disclosure for Mineral Projects (NI 43-101) and certify that, by reason of my education, affiliation with a professional association, and past relevant work experience, I fulfill the requirements to be a qualified person for the purposes of NI 43-101.
- I am independent of the issuer applying all the tests in Section 1.5 of NI 43-101.
- I am the author and responsible for the preparation of all Chapters of the Technical Report.
- I visited the Casposo Mine that is the subject of this Technical Report on March 12 to 14, 2024 as part of this current mandate.
- I have read NI 43-101 and the sections of the Technical Report for which I am responsible have been prepared following NI 43-101 rules and guidelines.

As at the effective date of the Technical Report, to the best of my knowledge, information and belief, all the sections of the Technical Report for which I am responsible contain all scientific and technical information that is required to be disclosed to make the Technical Report for which I am responsible are not misleading.

Signed this 19th day of July 2024.



“Signed original on file”

*Marcos Valencia B.Sc. Geology – M.Sc. Geostatistic
FAusIMM (#323676)- Registered Member #432 ChMC*

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1. Executive Summary

Wampeso Mining Consulting (WMC) was requested by Austral Gold Limited (AGL) to conduct the mineral resource estimate (MRE) for the Casposo Au-Ag deposits. The main deposits are located within the Casposo mine district in the Calingasta Department, San Juan Province, Argentina.

The estimation work commenced in November 2023 and concluded in February 2024. The objective was to update the resource model based on new interpretations provided by the AGL geology team. These interpretations covered the Manantiales, Mercado, Julieta and B-Vein deposits, as well as the remaining resources at Inca 2A, 2B and 2CD Low Sulfidation Deposits. The remaining resources were incorporated into the stockpile resources, representing a reasonable prospect for exploitation. No additional drilling occurred since 2016, except in the case of Manantiales, which was drilled after that date for ongoing exploration and planning studies. The total resources for the four Casposo deposits and the Stockpile were calculated as follows:

Summary of Mineral Resources Statement - All Deposits - April 30, 2024 - Measured + Indicated and Inferred

Classification	Tonnes	Grade			Contained Metal		
	(t)	(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Measured and Indicated	694,466	3.49	123.88	5.04	77,865	2,765,906	112,439
Inferred	662,291	5.02	65.74	5.85	106,961	1,399,848	124,459

Summary of Mineral Resources Statement - Stockpile - April 30, 2024 - Indicated

Classification	Tonnes	Grade			Contained Metal		
	(t)	(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Indicated	374,003	1.26	74.18	2.19	15,151	891,975	26,301

This Technical Report and Resource Estimate has been completed by Mr. Marcos Valencia, B.Sc. Geology, M.Sc. Geostatistic, and a Competent Person registered with the AusIMM (Fellow #323676) and the Chilean Mining Commission (Registered Member #432).

1.1. Property Description and Location

The Casposo property is located in the Calingasta Department, San Juan Province, Argentina. It's coordinates are approximately 69°36'W longitude and 31°12'S latitude and centered at coordinate 6,548,000 N and 2,438,000 E. The Casposo property is situated approximately 150 km northwest of San Juan, the capital of the San Juan Province (Figure 1.1).

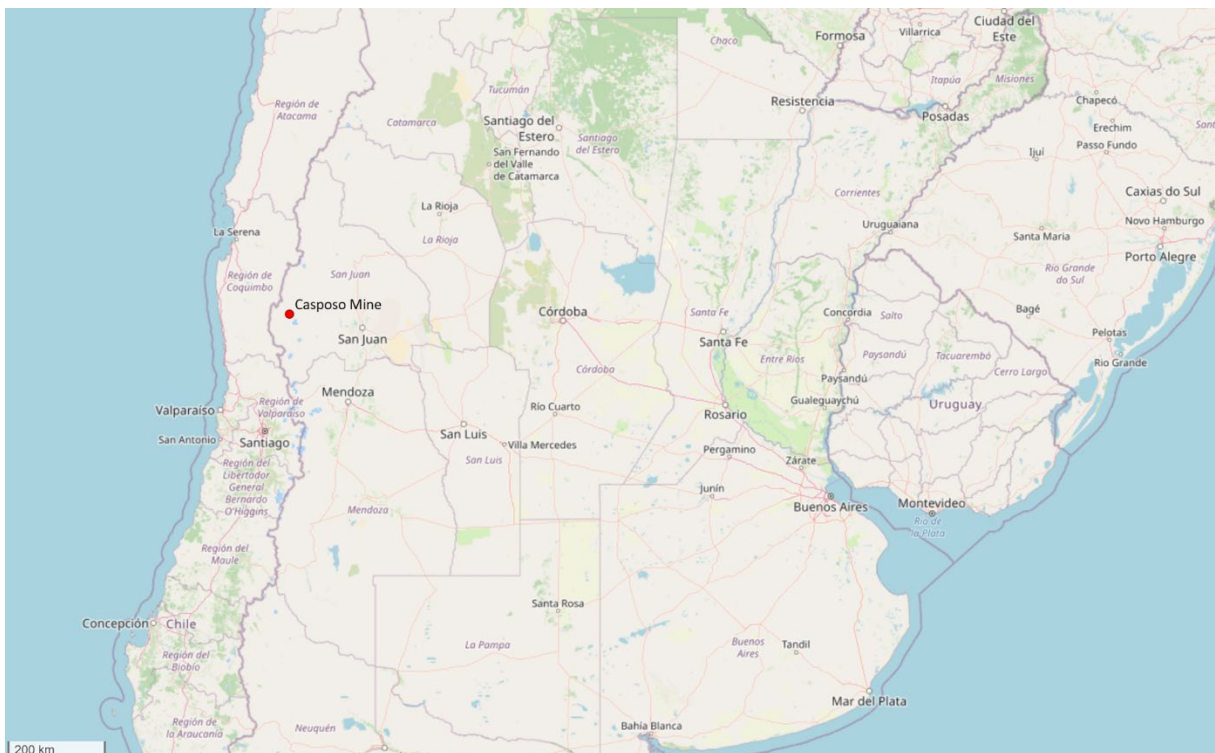
The average elevation throughout the Casposo mining property ranges from 2,200 to 3,400 meters above sea level (M.A.S.L) where most of the economic mineralization was exploited.

The site is approximately 150 km W from the city of San Juan and accessible via Route 40 in a northern direction until the intersection with Route 149 in the Talapacasto village. This connects to the Calingasta town and Route 412, which leads north Villa Corral, the mine camp. The mine facilities are located 21 km to the west of the mine camp.

The city of San Juan, with a population approximately 470,000 people, serves as the main urban centre close to the mine it provides essential services and support for the mining activities.

The Casposo property area is located within mining claims held by Casposo Argentina Mining Ltd., which is 100% owned by the Austral Gold Limited group of companies. The Casposo-Manantiales claim block is comprised of 25 mining claims which cover an area of 48,611.8 hectares.

Figure 1.1 Casposo Mine Location



1.2. History

Between 1998 and 2002, gold and silver mineralization was discovered in the Casposo District. Battle Mountain and Newmont Mining Limited discovered gold and silver mineralization through regional exploration activities, including surface sampling, geological mapping, trenching, rock sampling, geophysics and drilling holes.

Subsequently, intrepid Minerals Corporation invested in various initiatives from 2002 to 2009 to advance the project. These efforts include regional reconnaissance, detailed trench sampling, core re-logging, bulk sampling for metallurgical studies and the development of diamond drill holes.

In 2009, Troy Resources Argentina assumed control and continued development studies. Commercial production started in November 2010 and concluded in 2015, resulting in total production of 283,000 ounces of gold (Au) Oz and 9.5 million ounces of silver (Ag).

In 2016 Austral Gold Limited acquired a 51% interest in Troy Resources Argentina, (later renamed Casposo Argentina Mining Ltd.) and became the mine operator for the Casposo property. AGL subsequently acquired an additional 19% in 2017 and the remaining 30% in 2019. As the mine operator, AGL restarted operations in 2016 and after improvements were made in metallurgical and mining processes, produced approximately 98,000 gold equivalent ounces including 44,000 gold ounces and 4.1 million silver ounces until the mine was placed on care and maintenance in 2019.

Currently, the project is under study for reopening and this MRE is a crucial component of the ongoing assessment.

1.3. Geology and Mineralisation

The Casposo District is situated within the Cordillera Principal which runs along the border between Argentina and Chile approximately 1,500 km in a volcanic and seismic active zone. Basement is formed by Permian-Triassic rocks characterized by calc-alkaline affinity intrusive and volcanic rocks of andesitic to rhyolitic composition regionally known as Choiyoi Group. These and younger Jurassic-Cretaceous sediments were thickened by compression and thrusting since the Late Cretaceous in a thin-skinned fold thrust belt.

Within the mining area, the Cordillera Frontal is underlain by marine metasediments (shales, sandstones, and conglomerates) of La Puerta Formation (Carboniferous-Lower Permian). This formation correlates with the Agua Negra Formation to the north.

The Casposo gold-silver mineralization occurs in both the rhyolite and underlying andesite, where it is associated with banded quartz-chalcedony veins, typical of Low Sulphidation Epithermal environments. Adularia in the main veins gives an age date of 280 ± 0.8 Ma (K/Ar), very close to the published age dates for the andesite unit. Post-mineralization dykes, of rhyolitic, aphanitic-felsic and trachytic compositions which affects all the deposits Manantiales, Julieta, Mercado and B-Vein often cut the vein systems. These dykes, sometimes reaching up to 30 m thickness, are usually steeply dipping and north-south oriented. The mineralization at Casposo is typical of a low sulfidation type and is interpreted to be of a multi-stage, open space filling epithermal origin resulting in mineralized veins, hydrothermal breccias, stockworks or veinlets.

1.4. Deposit Type

The deposits exposed in the Casposo Property are typical Epithermal Low Sulphidation (LS) and they are multi-stage, open space filling events resulting in mineralized veins, breccias, stockworks and or veinlets.

This deposit type is characterized by quartz veins, hydrothermal breccia, stockworks, and veinlets units that contain gold, silver, electrum, and variable silver and iron sulphides. Alteration has been

identified and silicification is the most common alteration type with multiple generations of quartz and chalcedony, which are typically accompanied by adularia and calcite. Pervasive silicification in the vein envelope is flanked by sericite–illite–kaolinite assemblages. Kaolinite–illite–montmorillonite ± smectite (intermediate argillic alteration) can form adjacent to veins; kaolinite–alunite (advanced argillic alteration) may form along the tops of mineralised zones.

The mineralization framework extends along 10 km long NW-SE structural corridor. All the structures considered in this technical report are continuations of the main and previously exploited deposits known as Kamila. Moving from south to north, these structures include B-Vein, Mercado, Julieta and Manantiales. The Casposo Property is a prolific district where mineralisation remains open and further exploration efforts will contribute to advance several targets identified by the AGL Exploration team.

1.5. Drilling

The Mineral Resource Estimate (MRE) was based on significant historical drilling data undertaken and collected by previous owners including Battle Mountain, Newmont, Intrepid and Troy, plus drilling conducted by AGL.

Sampling was comprised of Diamond Drilling, Reverse Circulation (RC), and Surface and Underground channels, all of which were included in the MRE.

Approximately 95% of the information was obtained from DDH (Diamond Drill Hole) type drill holes, providing a solid foundation for the MRE totaling 122,290 meters (m). Total meters drilled were 125,242 m including 2,952 m of RC drilling.

All the drilling procedures adhered to the industry standards defined by the CIM (Canadian Institute of Mining, Metallurgy, and Petroleum).

1.6. Sampling and Analysis

The drill holes were geologically studied and main geological units were defined in both type of drill holes, DDH and RC, lithology and other features are logged and used to populate a geological database. Sampling was conducted using geological limits and varying lengths between 0.1 m to 1 m.

Sampling of core drilling followed geological criteria, in which geological and geotechnical logging was performed on the core. The former was carried out by geologists for lithological, structural and mineralogical information, while the latter was performed by trained personnel for recovery and RQD (Rock Quality Designation) information. Core recoveries were consistently high, averaging over 90%.

Reverse Circulation drilling is performed by drilling a defined interval, generally varying between 0.5 m to 2 m, depending on the objective to be achieved. Once an interval is drilled, the sample is recovered, received in bags that are then mapped and sent for chemical analysis.

For both types of drilling, mineralized intervals were selected for assaying for gold and silver content. In cases where the holes were aimed for a specific target, sampling were carried out only in

selected intervals of geological interest (veins, veinlets or stockworks), as well as in the adjacent footwall and hanging-wall host rock.

1.7. Data Verification

All information contained in this technical report was generated by AGL, most of which was previously verified in the technical report prepared in 2016 by RPA and all information developed in Manantiales after this date has been reviewed and validated by the QP. All information has been reviewed by the author and is declared to be in accordance with the guidelines established by the CIM and falls under the requirements of NI 43-101 for publication to the market.

The following sections of this chapter outline and describe how these procedures were developed. Verification was carried out by taking the original information, comparing it with what was reported in the 2016 report, and also reviewing the procedures that AGL has applied during its drilling and quality assurance activities.

All information capture and processing procedures and protocols have been developed to detect deviations in the early stages of the process and to apply corrective measures for mitigation and to minimize the sources of risk of failures in the information generated and declared as public. A site visit was undertaken by the author. However, was not possible to oversees the drilling procedures and processes for data collection. The Qualified Person (QP) reviews the protocols and procedures, and they are in line with industry standard. The author is a QP, as defined under the NI 43-101.

Analytical laboratories for the project have not been inspected at this stage. A thorough Quality Assurance and Quality Control (“QA/QC”) programme adhering to internationally accepted standards were completed for the AGL drilling during the past phases. WMC are satisfied with the methods employed for the internal data validation and for the purpose of mineral resource estimate.

The author considers that the sample preparation, security, and analytical procedures adopted for the resource drilling provide an adequate basis for the current MRE and the author declare that all the QAQC program and procedures were developed by AGL geology team and reviewed by the Qualified Person.

The author considers that the data contained in the drill hole database were generated and collected according to industry standards and AGL applied proper programs to keep the security of the data developed by the AGL geology team and reviewed by the Qualified Person.

1.8. Mineral Processing and Metallurgical Studies

Metallurgical recovery assumptions have been applied based on mineral processing records from the Casposo plant for the period between 2010 to 2019. These records were used to process Casposo open pit and underground ore.

Several metallurgical tests were performed on each structure, and the results will be used in the reserve definition:

- Manantiales Open Pit: Au: 93% Ag: 80%
- Manantiales Underground: Au: 93% Ag: 75%
- Julieta: Au: 87% Ag: 90%
- Mercado: Au: 93% Ag: 91%
- B-Vein: Au: 89.6% Ag: 87.4%
- Inca 2A, 2B and 2CD Au: 89.6% Ag: 87.4%
- Stockpile Au: 89.6% Ag: 87.4%

1.9. Mineral Resource Estimates

Casposo is interpreted to be a vein and hydrothermal breccia structurally controlled system deposit with epithermal gold (Au) and silver (Ag) mineralisation contained within narrow structures. These structures exhibit ribbon-like structures with a range of dips and dip directions. Associated with the epithermal vein framework are several less geologically defined zones within the host rock containing anomalous Au and/or Ag mineralisation which have been designated breccia or veinlet domains.

The volume definition for the domains has been based on geological logging and structural interpretation.

Stationary domains were estimated for Au and Ag were made using ordinary kriging (OK) via a three-dimensional (3D) estimation methodology. The 3D method utilises regularized composites to create an additive variable.

OK is then undertaken in the 3D for both variables and grades were estimated solving the covariance model defining a semi-empirical model.

Mining open pit depletion was taken from validated and updated surfaces provided by AGL's planification area. The underground mineral depleted has been modelled and removed from the reported MRE. The MRE is reported using open pit shell and stope optimizers. Mineral Remaining Resources were included in the optimization process using previous block models, depleting all the resources exploited in Inca 2A, 2B and 2CD veins.

Low grade Mineral Resources were stockpiled during previous operations from both open pit and underground mining. A reliable process of ore and grade control was developed by Troy Resources and AGL. Due to operational protocols and controls developed over time, it is reasonable to consider these low-grade resources stocked in every accumulation of ore broken material [OBM] as part of the inventory resource. The Qualified Person agrees with the operational protocols. Volume was accurately determined, and grades were defined using new sampling and previous information to validate the results.

Table 1.1: Casposo Deposits Mineral Resources Statement Measured + Indicated and Inferred (April 30, 2024).

Summary of Mineral Resources Statement All Deposits - April 30, 2024 - Measured + Indicated and Inferred

Classification	Tonnes (t)	Grade			Contained Metal		
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	15,600	3.89	92.39	5.04	1,949	46,338	2,528
Indicated	332,174	4.00	65.53	4.82	42,677	699,810	51,425
M + I	347,774	3.99	66.73	4.83	44,626	746,148	53,953
Inferred	119,233	10.80	23.90	11.10	41,419	91,610	42,564
Underground							
Measured	-	-	-	-	-	-	-
Indicated	346,692	2.98	181.20	5.25	33,240	2,019,758	58,486
M + I	346,692	2.98	181.20	5.25	33,240	2,019,758	58,486
Inferred	543,059	3.75	74.93	4.69	65,542	1,308,238	81,895
Stockpile							
Measured	-	-	-	-	-	-	-
Indicated	374,003	1.26	74.18	2.19	15,151	891,975	26,301
M + I	374,003	1.26	74.18	2.19	15,151	891,975	26,301
Inferred	-	-	-	-	-	-	-

Notes:

- Effective date 30 April 2024
- Stationary domains were modelled according the lithological and structural continuities.
- Mineral Resources were classified and reported in accordance with the NI 43-101.
- Indicated Resources was declared under a grid pattern of 25 m in the strike direction and 25 m in the dip direction.
- Mineral Resources are defined via optimization.
- A cut-off grade of 1.0 g/t AuEq was defined to mine Stockpiles.
- A cut-off grade of 1.5 g/t AuEq was defined to Open Pit Mining Method.
- A cut-off grade of 2.0 g/t AuEq was defined to Underground Mining Method beneath the open pit shells and optimized using the Vulcan Stope Optimizer.
- Metallurgical recoveries were applied by deposit.
- Selective Mining Unit were defined and built according the underground optimization. Dilution has been incorporated into the SMU.
- A bulk density of 2.5 ton/m³ has been applied to all domains in open pit and underground and 1.8 ton/m³ for stockpile.
- Numbers may not add due to rounding.

1.10. Reasonable Prospect for Economic Extraction

The project is located on granted Mining Leases and has been historically mined. Grades and geometry are amenable to open pit, underground mining, and stockpiles exploitation.

The reported open pit MRE has been confined above an optimisation shell and underground stopes modelled on the criteria. The shell selected for a base of reasonable expectations for reporting the MRE assumed a gold price of USD \$2,000/ounce and a silver price of USD \$20/ounce and the following parameters and costs.

Type	Mining					Cost					
	Cut-Off Grade	Dilution	Recovery	Slope	Density	Mining	Processing	G&A	Selling	Operating	Cash
	AuEq ppm	%	%	°	ton/m ³	USD/ton	USD/ton	USD/ton	USD/ton	USD/ton	USD/ton
Open Pit	1.5	-	95	50	2.5	6	65	15	38.7	71	124.7
Underground	2.0	15	93	40/140	2.5	60	65	15	38.7	125	178.7
Stockpile *	1.0	-	-	-	1.8	1.5	45	10	38.7	46.5	95.2

* only variable costs was considered

Other parameters considered in the underground optimization are as follow:

- Distance between levels: 15 m [Bench 11 m, Drift 4 m]
- Minimum and maximum width: Bench 2.08 to 6 and drift 4 to 6
- Minimum and maximum dip: Bench 40° and drift 140°

Stockpile optimization uses nearly the same parameters as open pit optimization. The key difference lies in the mining cost which considers only the haulage process.

Metallurgical Recoveries were used according to the information obtained on the deposit to optimize the open pit, underground, and stockpile materials.

1.11. Interpretation and Conclusions

The risk as reflected in the classification of the project MRE is due to several factors. The most material of these is the grid pattern, used to define resources. According to CIM industry standards, the definition of an acceptable risk to develop mining activities and compare with the industry standards to designate as indicated resources is reasonable.

Only a small portion of the mineral resources was defined as Measured, primarily due to the quality of the sampling. These areas can be directly inspected at the outcrop and can be exploited via slot cut mining method.

Inferred mineral resources needs to be delineated with an additional infill drilling program in a grid pattern of 25x25 m.

The process of geological modeling was developed reviewing the most important geological features of the Casposo Property to ensure a reasonable interpretation based on the geological evidence.

The resources defined in this process are in accordance with industry standards and can provide AGI with a well-informed approach to estimating mineral resources. Each deposit was geologically modeled, then geostatistically modeled using standard procedures following the CIM recommendations. Final optimization was carried out to define a reasonable prospect to be exploited for open pit, underground and stockpiles mineral resources.

The grid pattern to define Indicated Resources was defined as 25 m in the strike direction times 25 m in the dip direction to ensure a controlled risk over the resources estimated, and the low-grade stockpiles were defined with accurate drone surveys and extensive geological sampling.

1.12. Recommendations

It is strongly recommended to follow all the programs and well documented procedures; targeted drilling is to be undertaken to confirm historic drill results. The drilling includes industry standard monitoring of blanks, standards and field repeats. Frequent rock density measurements in all rock types should be included in all programs. All of these activities should be overseen by a QP.

It is recommended that the extent of surrounding mining activity should be surveyed to allow a confident depletion of the mineral resources.

The reported MRE is made up of open pit resources and underground resources. The open pit and underground resources have been limited by optimisations to demonstrate reasonable prospects of economic extraction. The open pit resources were optimized by pit shell and the underground were optimized using stope optimizer both in Vulcan software, and finally low-grade stockpiles were analyzed based on technical viability and costs optimization.

2. Introduction

WMC was requested to report the MRE using optimization scenarios, and for the Qualified Person (QP) to sign off under the requirements of NI 43-101.

The scope of work for WMC included basic validation of the supplied drilling database, updating mineralisation domains and wireframes solids and surfaces, exploratory data analysis (EDA, including variography), estimation of two grade variables (Au and Ag) into an appropriate block model, resource classification and a technical report.

Mr. Marcos Valencia, an independent geologist from AGL and a Qualified Person as a registered Fellow of the Australasian Institute of Mining and Metallurgy #323676 and Registered Member #432 of the Chilean Mining Commission, performed a site visit from February 12nd to 14th, 2024 and has undertaken to act as Qualified Person for Mineral Resource estimation, classification and Reporting.

Analysis of data quality and database verification was not in the scope, and responsibility for this rests with AGL. The data integrity and security, and QA/QC have been undertaken by AGL personnel, and was provided to the author for their use.

2.1. Terms of Reference

Wampeso Holdings Inc. (“Wampeso”, “WMC”, or “the consultant”) were requested by Mr. Stabro Kasaneva (CEO & Executive Director) of Austral Gold Limited (“AUSTRAL” or “AGL”) of Level 5, 137-139 Bathurst St., Sydney NSW 2000 to complete a Mineral Resource Estimate (“MRE”) reported in accordance with JORC 2012 for the Casposo Mine, Calingasta Department, San Juan Province, Argentina.

This report provides a summary of the geology, style of mineralisation, and the MRE on the Casposo Mine deposits, and presents the results and develop 3D geological modelling and updated Mineral Resource Estimate for the deposits undertaken by AGL. This technical report is based on findings of the desk study, data review, data validation, deposit modelling, block model grade interpolation and resource estimation. All information and data used in this resource estimation has been provided by AGL unless otherwise stated. The data has been reviewed by AGL and deemed suitable for the study.

The scope of work for the NI 43-101 Technical Report Mineral Resource Estimation on the Casposo Mine project included the following:

- 3d geological modelling, geostatistics and mineral resource estimation
- Recommendations for the resource classification
- Preparation of technical report using NI 43-101 reporting standards

2.2. Limitations

In the preparation of this technical report, WMC utilised information provided by Austral Gold Limited. WMC has made every reasonable attempt to verify the accuracy and reliability of the data and information provided to them and to identify areas of possible error or uncertainty, to the best of its knowledge these details are in accordance with the facts and contains no omission likely to affect the success of the project. WMC, its Principal Geoscientist, employees and contractors accept no liability for the omission of information or data which has not been brought to their attention or for errors in data and information which have not been possible to identify.

The business of mining and mineral exploration, development and production by their nature contain significant risks.

The success of a project is dependent on many factors, including, but not limited to: resource size and grade, mining, metallurgical, geotechnical, operational, legal, environmental, marketing, metal pricing and transportation. Given the nature of the mining business many factors may be subject to change over relatively short periods of time and as such actual results may be significantly more or less favourable. Except as specifically required by law, WMC and its Principal Geoscientist accept no liability for any losses arising from reliance upon the information presented in this technical report.

2.3. Source of information and Data

This technical report is based on findings of the, desk study data review, data validation and verification where practical and possible.

WMC received the full co-operation and assistance from the AGL employees in the preparation of this report. This Report has been prepared by WMC, a privately-owned consulting company.

WMC has reviewed information relating to the Casposo Mine, including relevant published and unpublished third-party information, and public domain data, a list of which is provided in Sections 3 "Reliance on Other Experts" and 27 "References" sections of this report.

2.4. Material Change Statement

As of the publication date of this document, WMC and the company are not aware of any likely or pending adverse effect as to business, operations, properties, assets or condition, financial or any other material change, which may arise within the six months following the publication of this report and its inclusion in the admission of the MRE document.

2.5. Acknowledgement

The QP and author of this Technical Report would like to acknowledge the general support provided by the following Austral Gold Limited employees during this assignment:

- Stabro Kasaneva – Executive Director and Chief Executive Officer
- Rodrigo Ramirez – Vice President of Operations
- Ruben Femenia – General Manager Casposo Mine
- Gustavo Sotarello – Exploration Manager Casposo Mine
- Pablo Rolando – Exploration Manager Argentina
- Vincente Ramirez – Mine Planning Engineer
- Gimena Lopez – Exploration Geologist
- Luciano Poggi – Exploration Geologist
- Javier Varela – Database Administrator

3. Reliance on Other Experts

The Qualified Person (“QP”) have relied on reports, information sources and opinions provided by Austral Gold Limited and outside experts related to the Project’s mineral rights, surface rights, property agreements, royalties, environmental status, and third-party agreements. Austral Gold Limited also contributed to other chapters. As of the date of this report, Austral Gold Limited indicates that there is no known litigation potentially affecting the Casposo Project. A draft copy of the report has been reviewed for factual errors by Austral Gold Limited. Any changes made as a result of these reviews did not involve any alteration to the conclusions made. Hence, the statements and opinions expressed in this document are given in good faith and in the belief that such statements and opinions are neither false nor misleading at the date of this report.

3.1. Mineral Tenure and Surface Rights

Austral Gold Limited supplied information about mining titles, option agreements, royalty agreements, environmental liabilities and permits. The QP is not qualified to express any legal opinion with respect to the property titles or current ownership and possible litigation. A description of such agreements, the property, and ownership thereof, is provided for general information purposes only. In this regard, the QP has relied on information supplied by Austral Gold Limited and the work of experts they understand to be appropriately qualified. This information is used in Chapter 4 (Property Description and Location) of this report. The information is also used in support of the mineral resource estimate in Chapter 14 (Mineral Resource Estimates).

4. Property Description and Location

4.1. Location

The Casposo property is located in the *Calingasta Department*, San Juan Province, Argentina, at approximately 69°36'W longitude and 31°12'S latitude and centred coordinate 6,548,000 N and 2,438,000 E. The Casposo property is situated approximately 150 km west of San Juan, the capital of San Juan Province, Argentina, approximately 25 km north west of the town of Calingasta (Figure 4-1). The commune of Calingasta hosts a population of approximately 8,500 people based on the 2010 census for which its main economic activities have been historically agriculture, tourism and mining and the Casposo Mine was operated between 2010-2019. The Casposo Project is widely recognised and valued throughout the local community as a major source of jobs and commerce by employment during full operation of approximately 450 direct jobs and for which approximately 80% of the employees were historically resident in Calingasta.

4.2. Mineral Title Status

The Casposo Property area is located within mining claims held by the Casposo Argentina Mining Limited, which is 100% owned by the Austral Gold Limited group of companies. The Casposo-Manantiales claim block is comprised of 25 mining claims which cover an area of 48,611 hectares.

Two mining claims packages comprise the property Casposo Mine site. The southern and eastern claims are fully controlled by AGL (yellow in Figure 3-2.1) and the northern and western is an agreement between AGL and IPEEM (a provincial institute in charge of mining and development) (magenta in Figure 3-2.1) which agreed that the operator would be AGL and IPPEM would receive a 1% royalty on sales for the duration of the agreement for 5 years, and 5 phases of exploration investment totaling USD 1.5 million.

The list of properties are provided in Table 4.1 and the concession map is shown in Figure 4.1.

Figure 4.1: Casposo Mining Concessions & location of MRE (source: Austral Gold Limited)

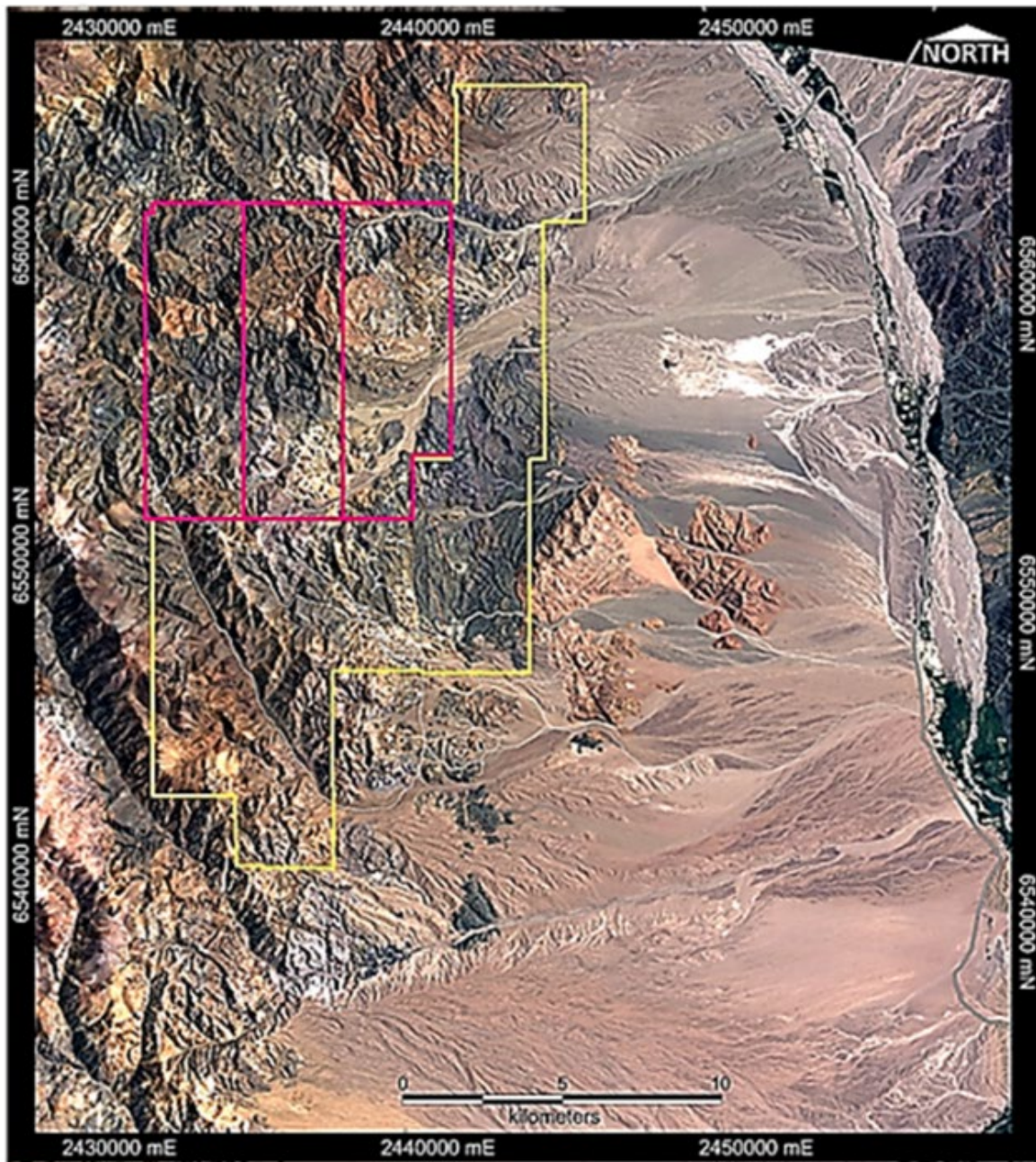


Table 4.1: Casposo-Manantiales Mining Claims (source: RPA Technical Report, 2016).

File No.	Name	Date	Area (ha)	Notes
520-0438-M-1998	Mine Lease Kamila	December 19, 2005	3,487.9	Granted
4141348-I-2005	Mine Lease Julieta	April 26, 2007	2,600.0	Survey
pending				
11240189-I-2007	Mine Lease Alicia 1	April 8, 2009	15.9	Survey
pending				
11240190-I-2007	M de D Maria Jose	March 3, 2009	3,985.4	Application
11240191-I-2007	M de D Vallecito	March 11, 2015	789.0	Recorded
1124-59-T-2011	M de D Maria Paz	February 23, 2011	400.0	Application
1124-62-T-2011	M de D Carolina	February 23, 2011	2,251.0	Application
1124-64-T-2011	M de D Maria Luz	February 23, 2011	2,000.0	Application
1124-225-T-2013	M de D Paloma	June 10, 2013	2,167.2	Application
1124-226-T-2013	M de D Julia	June 10, 2013	2,326.1	Application
1124-220-T-2014	M de D Alina	June 24, 2014	2,488.8	Recorded
425315-C-2002	Exp. Casposo Noreste	August 11,2003	1,591.6	Ch & R *
425120-C-2003	Exp. Casposo Este	August 2, 2003	2,211.2	Chartered
414299-I-2004	Exp. Altos de Manrique	August 27, 2004	1,839.4	Chartered
414375-I-2004	Exp. Timbirimbas	November 10, 2008	3,498.9	Chartered
414501-I-2004	Exp. Sara 1	May 12, 2014	1,277.0	Ch & R *
414501-I-2004	Exp. Sara 4	September 22, 2009	3,306.9	Ch & R *
414717-I-2004	Exp. Carmen Alto	October 5, 2011	1,384.7	Chartered
1124-350-I-2007	Exp. Rosalia	October 6, 2014	1,725.5	Chartered
1124-346-I-2009	Quarry Retamas 1	April 12, 2012	0.7	Chartered
1124-393-T-2010	Quarry Guadalupe	August 4, 2010	0.9	Chartered
1124-284-T-2013	Quarry Beatriz 1	March 21,2014	4.2	Chartered
520-0120-M-97	Manantial 3	1997	3,125.7	Granted
520-0121-M-97	Manantial 4	1997	3,072.6	Granted
520-0122-M-97	Manantial 5	1997	3,061.2	Granted
Total (25 mining rights)			48,611.8	

* Chartered and Recorded

The mining claims are in good standing and the applicable annual fees were paid in January 2024.

4.3. Property Description and History

Casposo Mine mining rights comprise one contiguous block of exploitation or mining concessions that covers an area of 28,510 hectares.

As per 3.1 above, the Casposo property is centred approximately 25 km north west of the town of Calingasta, for which the centre of the currently defined Casposo resource is situated at the southern western portion of the property involving four Epithermal Low Sulfidation systems.

The Casposo Mine is situated about 150 km northwest of the city of San Juan, in the Department of Calingasta, San Juan Province, Argentina (Figure 4-1). The Property is at approximate latitude 31°12' S and longitude 69°36' W and centred on coordinates 6,548,000 north, 2,438,000 east (Gauss Kruger, Datum Campo Inchauspe 1969 Zone 2). Property boundaries were surveyed with differential GPS surveying equipment.

The climate in the area is desert-dry, with the winter months of June to August at temperatures of -10°C to -2°C. Summers are warm and mostly dry with temperatures above +30°C, the average

temperature in summer is around +20°C. The rain season is short generally from January to March, and can be very strong causing localized flash floods. Evaporation is high exceeding the annual precipitation by a significant margin. Snow fall is common in site during the winter (June to September) but melts almost immediately. The area can be windy all year long, the area is subject to strong westerly winds which are hot and short-lived and locally called “Zonda”.

All the land within which the Casposo Mineral Resource Estimation is contained and is owned by Casposo Argentina Mining Ltd.

The water used for mining and processing was obtained from a grant under Water Concession 520-0430-B-99 at Kamila. Additionally, potential future mining at Julieta would use water under Water Concession 506-0069-T-10-Folio 108.

5. Accessibility, Climate, Local Resources, Infrastructure and Physiography

Much of the information in this section is taken from a NI 43-101 Technical Report that was completed by RPA in 2016 based on Troy Resources Technical Report (2012).

5.1. Accessibility

The Casposo property is located in the Department of Calingasta, San Juan Province, Argentina 150 km east from San Juan city. By car is around two-hour drive travelling on paved roads. The Mine can also be accessed from the city of Mendoza via a separate southern route.

From the city of San Juan to the town of Talacasto on National Route 40, then along Provincial Route 436 to Cerro Puntudo and south along Provincial Routes 425 and 412 to the main site access road.

From the city of Mendoza there are two options, first alternative is from the international airport in Mendoza follows National Route 40 via the city of San Juan and follow the same routes described in above paragraph.

Alternatively, the site can be reached from Mendoza by two other road combinations: by following National Route 40 to National Route 7 and continuing northwest to the town of Uspallata, then along Provincial Routes 39 and 412 via Calingasta to the main site access road.

5.2. Climate

The climate is classified “desert dry”, with a median annual rainfall of 75 mm and a temperature range accentuated by the altitude, both seasonally and daily. The median temperature is 14.5°C. Summers are generally warm (highs of 30°C) and winters dry and cold (lows of -2°C). It is important to note that during the 2011 winter period the region experienced some of the harshest conditions and coldest temperatures in 50 years.

The area is generally arid with a short summer rainy season (January–March). Rains can be very strong, and the lack of vegetative cover contributes to localized flash flooding. Net evaporation rates are high, and exceed annual rainfall by a significant margin. Of the total annual rainfall, 80% occurs between October and March. Rainfall in the high mountains is common during other months of the year as well. During the winter months (June to September), snow falls at the site, occasionally with up to several centimetres accumulating. Even so, snowfall melts almost immediately if exposed to a full day of sun. The area can be very windy during the whole year. The area is subject to strong, short-lived westerly winds that are locally referred to as “zonda” winds. This phenomenon brings dry winds of over 100 km/h and can cause severe drops in humidity. The climate is permissive of year-round mining and processing operations.

5.3. Local Resources

Sufficient water for operations is available from water bores in the Mine area. Labour for the operation has been sourced from nearby local communities with the majority of current employees residing in Calingasta and commuting daily to site. Specialist personnel and some professional staff work a rotational roster and commute via San Juan city. Many are resident in San Juan and a few sourced from other parts of Argentina. The workforce is predominantly comprised of National staff. Adequate sources of grid electricity are available within a practical distance from the operation. There are adequate areas within the tenement holding for the operation of waste dumps, processing facilities, and tailing storage facilities. Casposo has been an operating mine and the surface rights are sufficient for mining operations, tailings storage areas, waste disposal areas, and a processing plant.

5.4. Infrastructure

The surface and underground infrastructure at the mine included the following:

- A crushing plant and a 1,100 tpd mill
- A dry-stack tailings management facility and waste rock dumps
- Low grade ore and run-of-mine stockpiles
- An administrative building and cafeteria
- A laboratory
- Maintenance facilities
- A core processing and sample preparation facility
- A fenced property perimeter and gated security entrance
- Declines and a series of ramp-connected levels.

The power line to site has the capacity to transmit 18 MW of power, which is well in excess of the requirements of the operation.

5.5. Physiography

The Casposo Property lies on the western side of the Calingasta Valley near the western edge of San Juan Province at the base of the Cordillera Frontal. The average elevation is roughly 2,400 MASL. The Mine site is located at the base of rugged terrain, characterized by low mountains with steep slopes, and ravines associated with dry drainage systems. The dominant plant formation is shrub steppe (>1 m tall) and sub-shrub (<1 m tall) with a dominance of perennial grasses in the herbaceous stratum.

There are no Vegas or endemic plant species in the Mine Area. Two faunal surveys have been undertaken on the Mine Area during 2006 by Knight Piésold, further details can be assessed in the RPA Technical Report (2016).

6. History

6.1. PROJECT HISTORY

Gold and silver mineralization were discovered in the Casposo District, between 1998 – 2002. Battle Mountain and Newmont Mining Company discovered gold and silver mineralization through regional exploration that included surface sampling, geological mapping, trenching, rock sampling, geophysics and drill holes.

From 2002 – 2009 Intrepid Minerals Corp. invested in various activities to advance the project, including regional reconnaissance, detailed trench sampling, core re-logging, bulk sampling for metallurgical studies, and diamond drill holes..

In 2009, Troy Resources Argentina took control of the project and continued development studies. Commercial production began in November 2010 and continued until 2015, resulting in total production of 283K Au Oz and 9.5M Ag Oz.

In 2016 Austral Gold Limited acquired a 51% interest in Troy Resources Argentina, (later renamed Casposo Argentina Mining Ltd.) and became the mine operator for the Casposo property. AGL subsequently acquired an additional 19% in 2017 and the remaining 30% in 2019. As the mine operator, AGL restarted operations in 2016 and after improvements were made in metallurgical and mining processes, produced approximately 98,000 gold equivalent ounces including 44,000 gold ounces and 4.1 million silver ounces until the mine was placed on care and maintenance in 2019.

Currently the project is under study for reopening, and this MRE is a crucial component of the ongoing assessment.

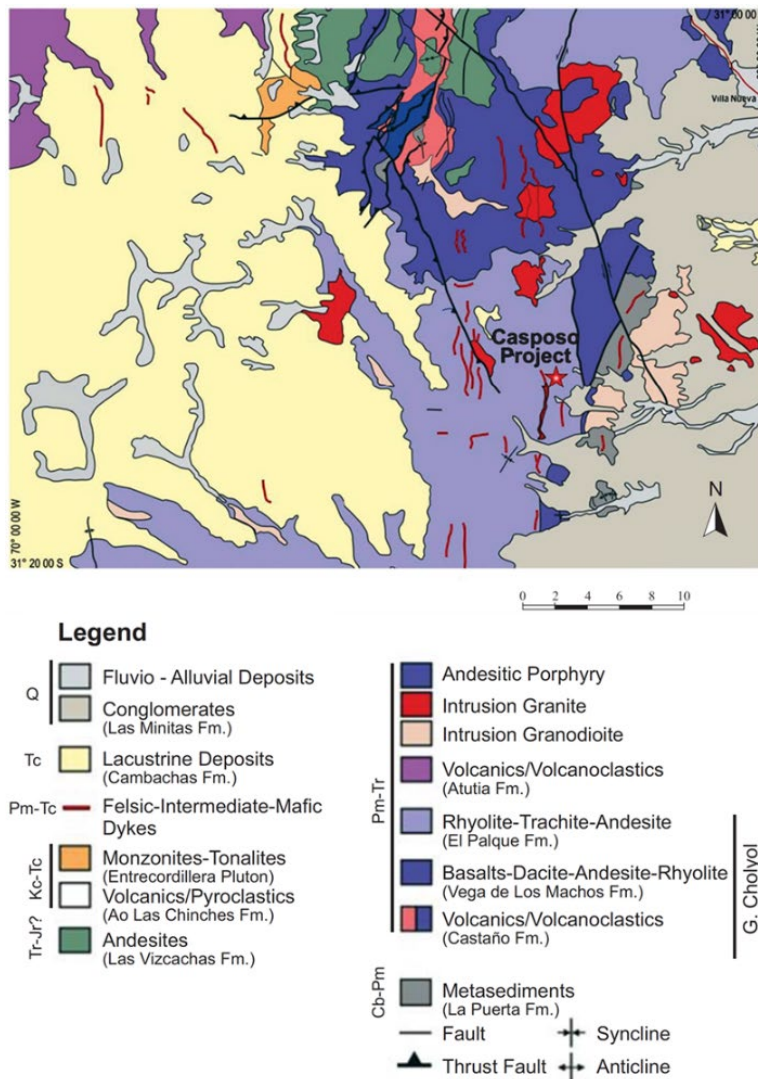
Further details regarding the Project History can be assessed in the 2016 RPA Technical Report on the Casposo Gold-Silver Mine, Department of Calingasta, San Juan Province, Argentina .

7. Geological Setting and Mineralisation

7.1. Regional Geological Setting

The Casposo District is situated within the Cordillera Principal which runs along the border between Argentina and Chile for approximately 1,500 km (Figure 4.1.1.1) in a volcanic and seismic active zone. Basement is formed by Permian-Triassic rocks characterized by calc-alkaline affinity intrusive and volcanic rocks of andesitic to rhyolitic composition regionally known as the Choyoi Group. These and younger Jurassic-Cretaceous sediments were thickened by compression and thrusting since the Late Cretaceous in a thin-skinned fold thrust belt.

Figure 7.1 Casposo-Regional Geological Setting (source: Troy Resources in RPA Technical Report, 2016)



The Casposo deposits are located in the eastern border of the Cordillera Frontal. In the mine area, the Cordillera Frontal is exposed and underlain by marine metasediments of the Carboniferous-

lower Permian of the La Puerta Formation (shales, sandstones and conglomerates). Overlain is a thick intrusive and volcanic sequence assigned to the Permian-Triassic Choiyoi Group which bearing main Low Sulphidation deposits in the Casposo property.

7.2. Local Geology

In the Mine area, the Cordillera Frontal is underlain by marine metasediments (shales, sandstones, and conglomerates) of La Puerta Formation (Carboniferous-Lower Permian). It correlates with the Agua Negra Formation to the north.

Due to tectonics, it is impossible to establish a complete section. These sedimentary sequences are overlain by a thick intrusive and volcanic sequence assigned to the Permian-Triassic Choiyoi Group. Basal andesitic volcanic flows, tuffs, and breccias are the main sub-surface unit in the Casposo Property and are overlain by rhyolite, rhyolite-dacite flows, and dacitic ignimbrite flows. The volcanic units dip gently to the east at 15° to 20° and are cross-cut by north-south, east-west, and northwest-southeast-trending structures. Rhyolite and andesite dykes that trend north-south transect older rock units.

The Casposo gold-silver mineralization occurs in both the rhyolite and underlying andesite, where it is associated with banded quartz-chalcedony veins, typical of Low Sulphidation Epithermal environments. Adularia in the main veins gives an age date of 280 ± 0.8 Ma (K/Ar), very close to the published age dates for the andesite unit. Post-mineralization dykes, of rhyolitic, aphanitic-felsic and trachytic compositions which affects all the deposits Manantiales, Julieta, Mercado and B-Vein often cut the vein systems. These dykes, sometimes reaching up to 30 m thickness, are usually steeply dipping and north-south oriented.

7.3. Mineralisation

Epithermal Low Sulphidation deposits commonly bearing gold and silver metals among other minerals are given by vein, breccia, stockwork or veinlet styles structurally controlled.

Casposo Property expose well developed structural systems featured by main and secondary faults in jogs or bends setting. Figure 7.3.1 exposes the special location of the deposits and the relationship with the previous deposits exploited. Main faults play a secular role in the formation of the deposits.

Manantiales Vein is the north-western expression of the deposits in the Manantiales Property and is located about 5 km north-west from the main facilities.

Julieta is located south-east of the Manantiales structure and its expression is a quartz-carbonate vein breccia with several tensional structures along the main ore body.

Mercado vein is the northern expression of the main system Kamila and in the past was partially exploited by open pit. And finally, B-Vein, which is a sub-parallel mineralized structure to the Inca vein system, has been evaluated and its resources have been determined. It was previously exploited to a minor extent using underground mining methods.

Accordingly, the geological modelling shows the ore shoots in the property presents discontinuities, the vein systems were cut by several dikes and faults conditioning the shape of the mineralization

mostly forming sub-vertical shoots. See figures 7.3.2 to 7.3.5 illustrate the shape of the main ore shoots including in the MRE.

Figure 7.2 Casposo - MRE Geological Setting and deposit location

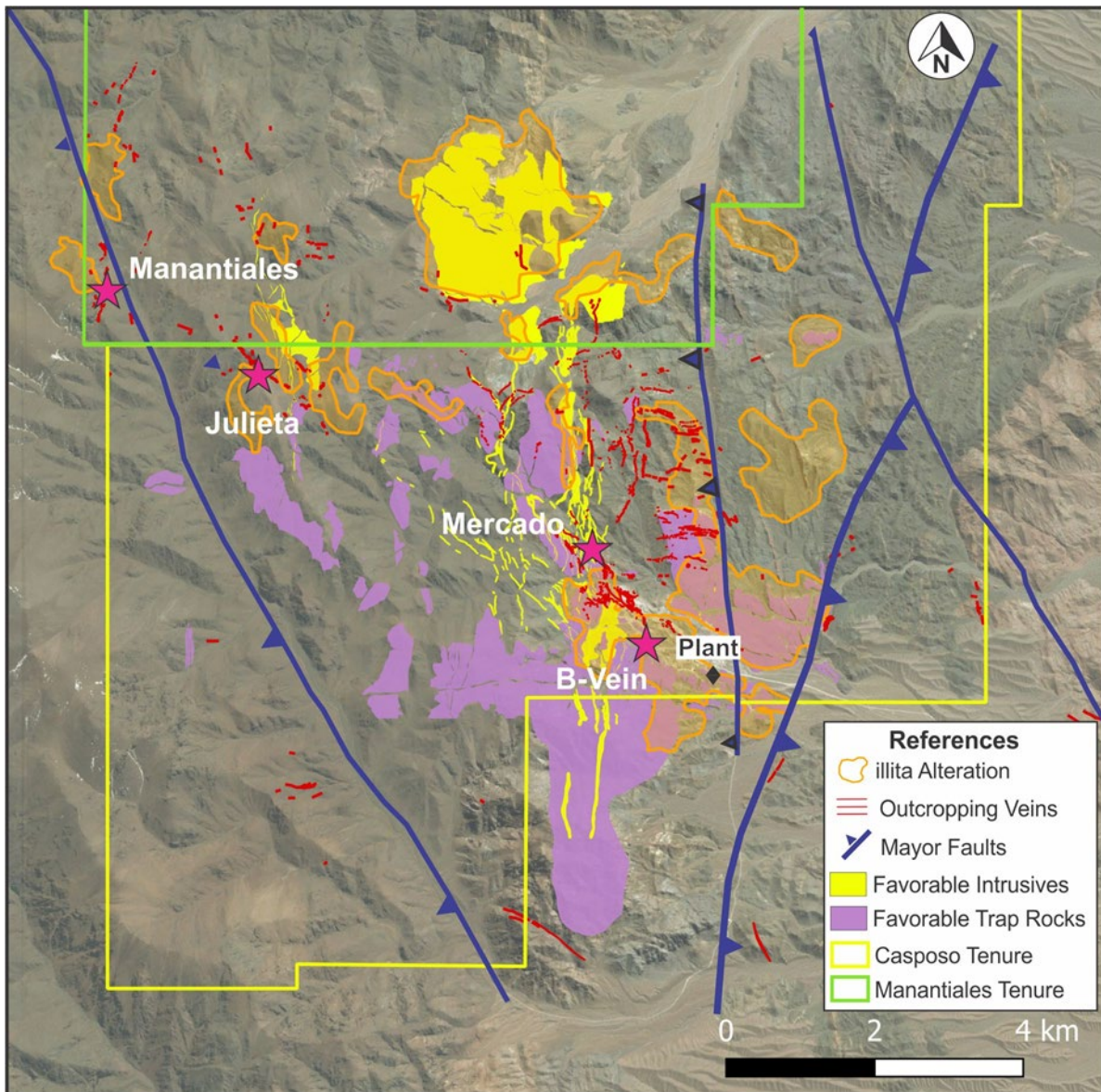


Figure 7.3: Ore shoots contouring - Longitudinal Section – Manantiales Structure

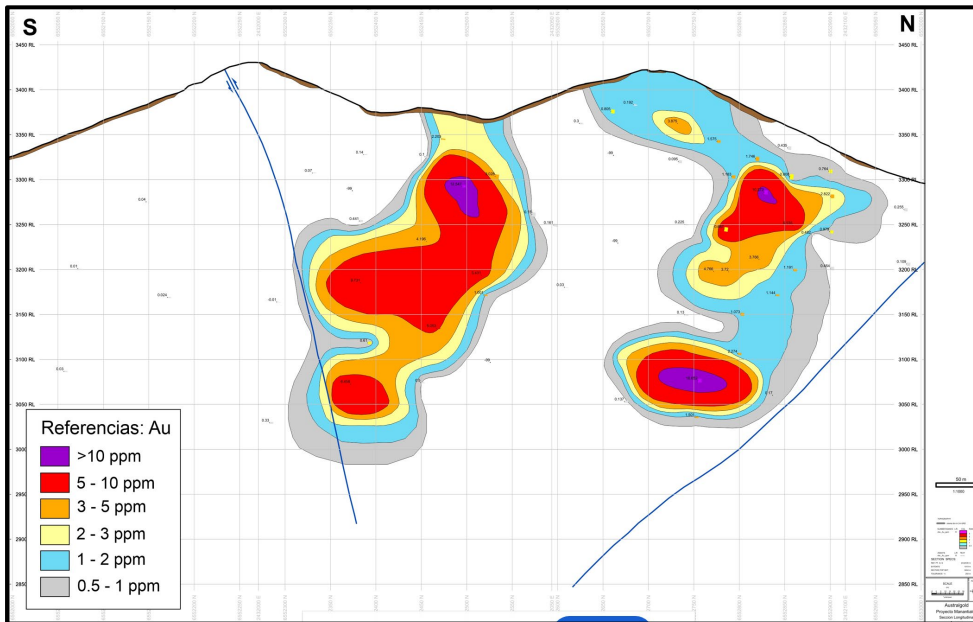


Figure 7.4: Ore shoots contouring - Longitudinal Section – Julieta Structure

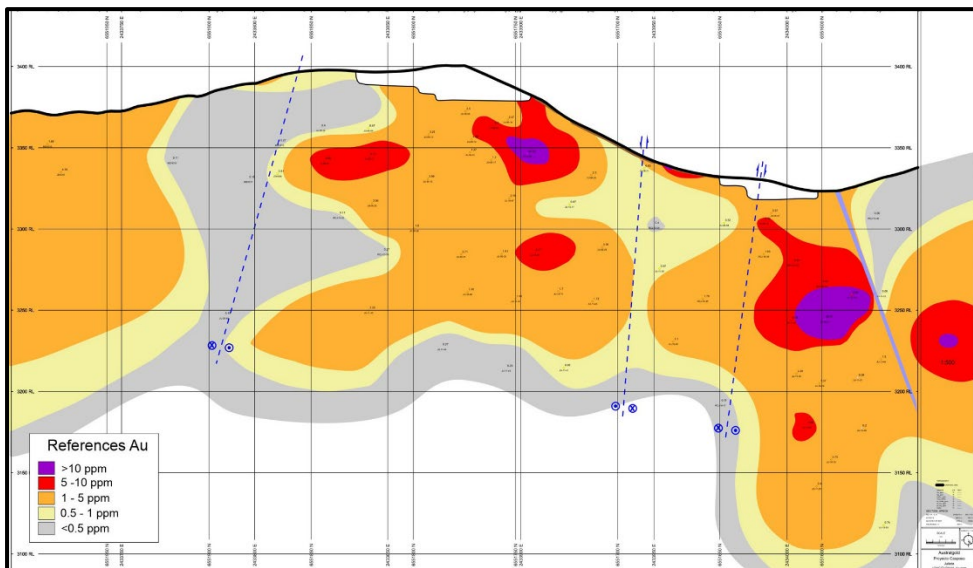


Figure 7.5: Ore shoots contouring - Longitudinal Section – Mercado Structure

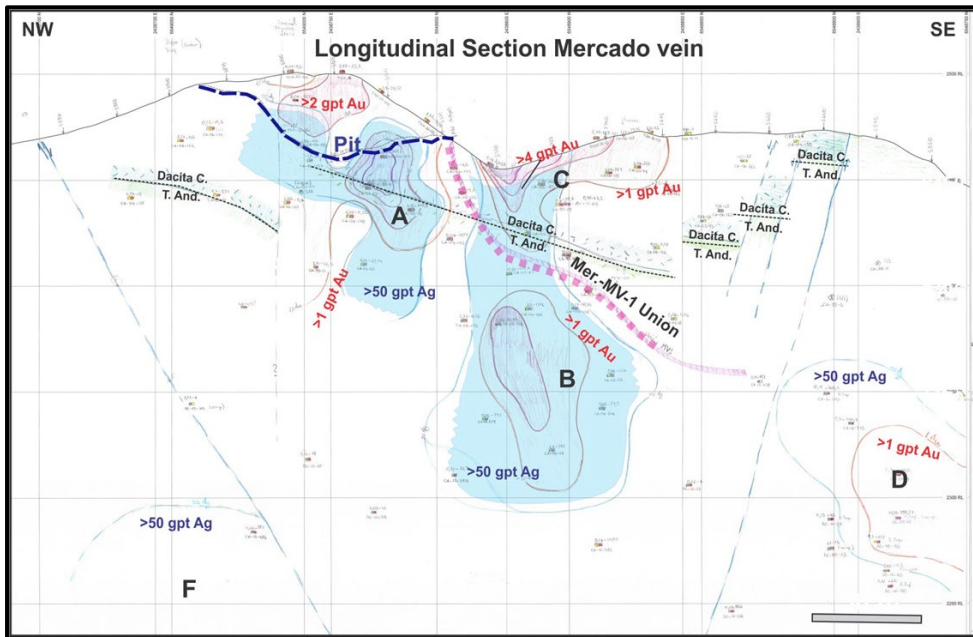
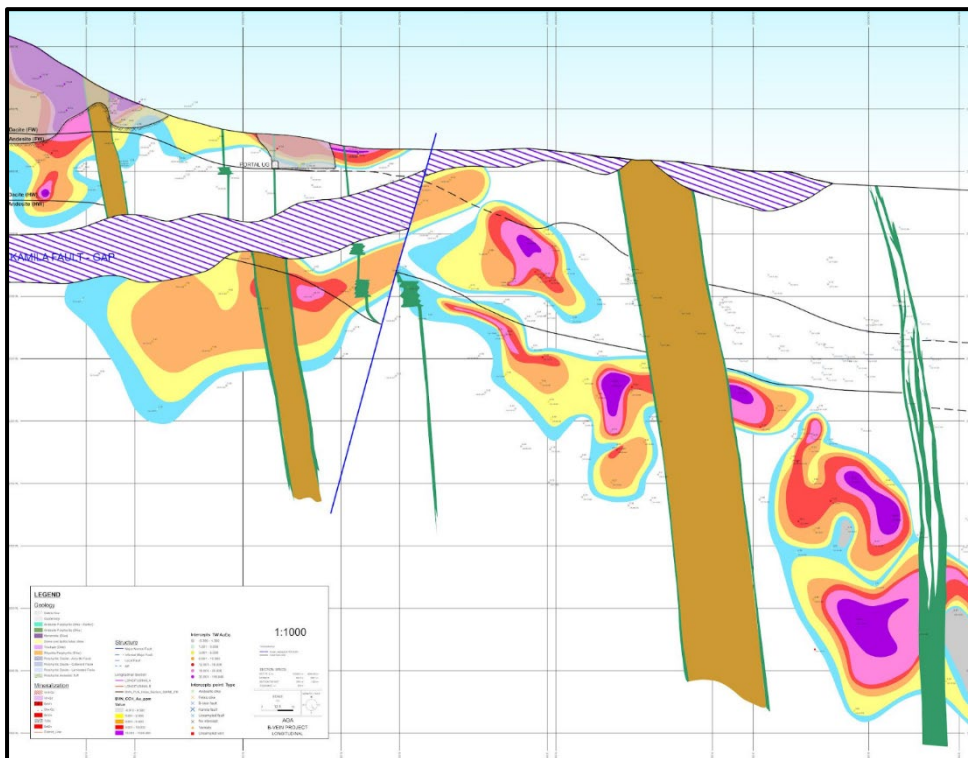


Figure 7.6: Ore shoots contouring - Longitudinal Section – B-Vein Structure



8. Deposit Types

The deposits exposed in the Casposo Property are typical Epithermal Low Sulphidation and they are multi-stage, open space filling events resulting in mineralized veins, breccias, stockworks and or veinlets.

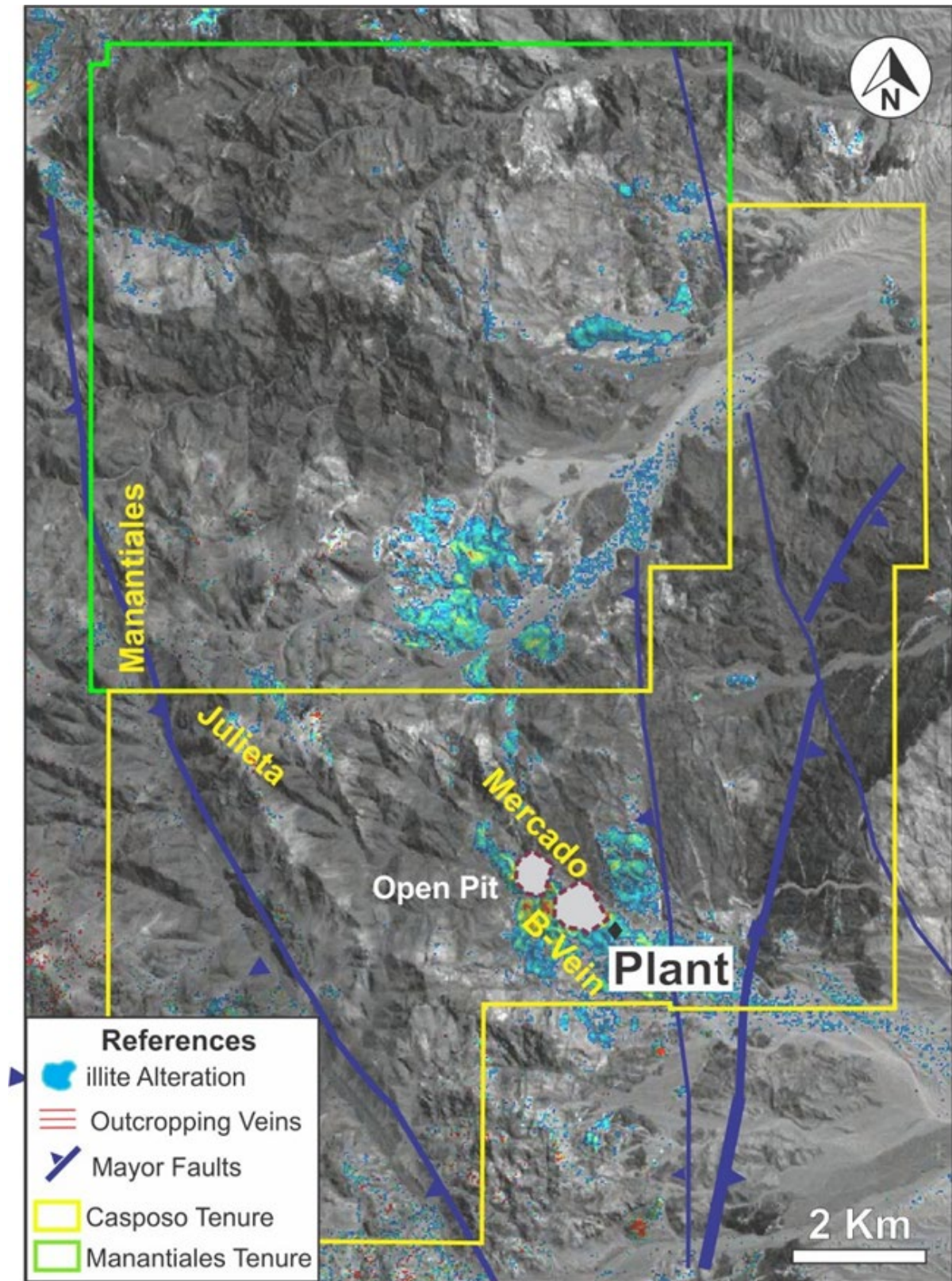
This deposit type is characterized by quartz veins, hydrothermal breccia, stockworks, and veinlets units that contain gold, silver, electrum, and variable silver and iron sulphides. Alteration has been identified by Terraspec spectrometry and is typical of the Low-Sulphidation model, with broad haloes of white mica and less common kaolinite alteration around the mineralized veins, see figure 8.1.1 showing haloes formed around the mineralised structures. Silicification is the most common alteration type with multiple generations of quartz and chalcedony, which are typically accompanied by adularia and calcite. Pervasive silicification in the vein envelope is flanked by sericite–Illite–kaolinite assemblages. Kaolinite Illite–montmorillonite ± smectite (intermediate argillic alteration) can form adjacent to veins; kaolinite–alunite (advanced argillic alteration) may form along the tops of mineralised zones. Propylitic alteration dominates at depth and along the deposit margins.

Four main deposits have been geologically modelled by the team of the Casposo Mine. These structures are Manantiales, Mercado, Julieta and B-Vein and subsequently geostatistic was performed to determine the metal contents.

The mineralization frame occurs along a 10 km long WNW-ESE structural corridor. All the structures are the continuity of the main and previously exploited deposits called Kamila and from south to the north are B-Vein, Mercado, Julieta and Manantiales.

Casposo Mine is a prolific district where the mineralisation is still open and further exploration works will help to advance several targets identified by the AGL Exploration team.

Figure 8.1: Plan View of Casposo property showing the structural setting and alteration.



9. Exploration

Several works are currently developed around the main targets of the Casposo Mine until the operation can be restarted.

The exploration team applied a wide range of exploration techniques, such as geological mapping, soil, sampling, whole rock sampling, spectrometry on rock and soil samples, rock-chip sampling, core drilling, interpretation of satellite imagery, and remote sensing.

Multiple geophysical techniques were used, including CSAMT and both ground and airborne magnetic surveys.

Exploration was conducted by trained geologists and technicians using established standard operating procedures.

Recent exploration efforts have delineated multiple district-scale structures on the property that show significant interest. These structures are similar in special orientation and character to structures known to host high-grade mineralization on the Casposo property, these structures are the main focus of current exploration.

10. Drilling

10.1. Summary

The MRE was based on significant historical drilling and data undertaken and collected by previous owners including Battle Mountain and Newmont, Intrepid and Troy, as well as drilling undertaken by AGL.

10.2. Available Sampling

Sampling was comprised of Diamond Drilling, Reverse Circulation, and Surface and Underground channels which included:

- Manantiales
 - Drill holes: 67 for an approximate total of 12,652 m.
 - Channels 62 for an approximate total of 540 m.
 - Total Sampling 129 for an approximate total of 13,192 m.
- Julieta
 - DDH Drill holes: 96 for an approximate total of 12,805 m.
 - RC Drill holes: 10 for an approximate total of 1,043 m.
 - Surface Channels: 83 for an approximate total of 376 m.
 - Total Sampling 189 for an approximate total of 14,224 m.
- Mercado
 - Drill holes: 100 for an approximate total of 15,232 m.
 - Channels 98 for an approximate total of 1,817 m.
 - Total Sampling 198 for an approximate total of 17,049 m.
- B-Vein
 - DDH Drill holes: 311 for an approximate total of 81,609 m.
 - RC Drill holes: 13 for an approximate total of 1,909 m.
 - Underground Channels: 83 for an approximate total of 391 m.
 - Surface Channels: 35 for an approximate total of 803 m.
 - Total Sampling 442 for an approximate total of 84,712 m.

Sampling of core drilling was performed under geological criteria in which geological and geotechnical logging was performed on the core. The former was carried out by geologists for lithological, structural and mineralogical information, while the latter was done by trained personnel for recovery and RQD information.

Core recoveries were consistently high, averaging over 90%. Mineralized intervals were selected for assaying for gold and silver content. In cases where the holes were aimed for a specific target, sampling is carried out only in selected intervals of geological interest (veins, veinlets or stockworks), as well as in the adjacent footwall and hanging-wall host rock.

Sampling interval size varies from a minimum of 0.3 meter to a maximum of 1.0 meters.

Diamond Saw half core splitting was conducted on HQ and NQ core holes.

Digital photographs were taken of the core to keep a permanent record. Intervals that were not assayed are in storage at the mine site.

Historic drill hole collars were surveyed with an industry standard equipment, total station or Differential GPS survey instruments by internal personnel or third-party contractors.

Austral Gold undertook numerous random field checks on historic collar locations. Historic collar locations were generally found to be within $\pm 0.5\text{m}$ of the expected position in chosen datum.

The database of historical data was validated and compiled by AGL geology department and reviewed by an Argentina based Database administrator who have reconciled a representative amount of available hardcopy drill logs and assay results against the digital drill hole database.

The author declares, all the information received was validated by the AGL geology team and takes no responsibility for the generation of the information from all sampling used in this MRE.

11. Sample Preparation, Analysis and Security

11.1. Internal Laboratory

All the respective drill and channel samples were analyzed at the Casposo Mine assay laboratory located at the mine site. The Casposo laboratory lab contains all the facilities for sample preparation, fire, wet and atomic absorption assays, as well as offices, washrooms, reagents and general storage.

The sample preparation and assay procedures for the historic data comprised:

- Each drill and/or channel sample was identified with a unique sample number that is tracked throughout the assaying process. The as-received samples follow the next process of preparation:
 - Weighing: ranging between 0.5 and 5.0 kg.
 - Primary Crushing: jaw crushed to produce a 9.5 mm product,
 - Secondary Crushing: jaw crushed to achieve 90% passing 2.00 mm (10 mesh ASTM) product,
 - Splitting: a 1-in rifle to approximately 0.50 kg.
 - Drying: this 0.50 kg sample was dried for 2 hours at 102° C.
 - Pulverizing: 100% passing 0.15 mm (100 mesh ASTM). After pulverizing each sample, the bowl, ring, and puck assembly were disassembled with the pulverized sample and placed on a rolling cloth. The pulveriser assembly was placed back in the bowl with another sample. Two assemblies were used in an alternating fashion. The pulverized sample was rolled and transferred to a numbered envelope. Silica sand was pulverized at the end of the entire sample run in order to minimize possible contamination for the next run.
- Assaying was done by fire assaying methods (30 g charge) with a gravimetric finish. Each sample was fire-assayed using a traditional lead oxide flux as well as a known addition of silver, called in inquart. The samples are placed in gas fired assay furnaces. The fusion of the flux and inquarted sample produces a molten mixture that is poured into conical molds and cooled. The lead button formed during the fusion process is separated from the cooled slag and pounded to remove any adhering slag. The lead button is then cupelled using a magnesium oxide cupel. The remaining doré bead is flattened and weighed. The weighed doré is placed in a test tube and concentrated nitric acid added. The button is then rinsed, ammonia added, and rinsed again. The button is dried and then roasted for 5 minutes. After cooling, the gold is weighed. Gold to silver ratios are checked. If greater than 0.40 additional silver and lead is added, and the sample re-analyzed.
- The gold and silver present in the sample are expressed according to the following formula:
 - $Au (g/t) = Au (mg) / \text{sample weight (g)}$; and
 - $Ag (g/t) = (Au + Ag) (mg) - Au (mg) / \text{sample weight (g)}$

11.2. External Laboratory

The AGL drill core was generated, collected and the core was analyzed by the independent and certified ALEX STEWART International, Mendoza, Argentina. The sample preparation and assay procedure for the analysis comprised:

- Senior AGL field technicians frequently visited and reviewed the drilling process and transport of the core from the hole collar to the Casposo mine logging and sampling facility. All core and samples were maintained in the enclosed and locked logging facility from where batches of bagged half core samples were subsequently

transported to San Juan by vehicle directly to the ALEX STEWART Laboratory in Mendoza.

- Each drill sample was identified with a unique sample number
- Gold analysis: The samples were assayed by method Fire Assay Fusion, AAS Finish by ALEX STEWART Laboratories Mendoza, Argentina in which sample decomposition by Fire Assay Fusion in which a 30g sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, and inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.
 - The bead is then digested in 0.5 mL dilute nitric acid in a microwave oven, 0.5 mL concentrated hydrochloric acid is then added, and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards (lower limit of 0.01 g/t Au and upper Limit 10 g/t Au).
 - For samples > 10 g/t Au and < 1000 g/t Au the method was implemented using Fire Assay Fusion sample decomposition and gravimetric analysis whereby a prepared 30 g sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead are parted in dilute nitric acid, annealed and weighed as gold.
- Silver analysis: The sample is assayed by ALEX STEWART Laboratories Mendoza, Argentina in which sample decomposition is via HNO₃-HClO₄-HF-HCl digestion (ASY-4ACID) and analysis by AAS
 - The method involves the preparation of a (0.4) g sample combined with nitric, perchloric, and hydrofluoric acids, and then evaporated to dry. Hydrochloric acid is added for further digestion, and the sample is dried again. The residue is dissolved in nitric and hydrochloric acids and transferred to a volumetric flask (100 or 250) mL. The resulting solution is diluted to volume with de-mineralized water, mixed and then analyzed by atomic absorption spectrometry against matrix-matched standards (lower limit of 2 g/t Ag and upper Limit 200 g/t Ag).

For samples between >200 g/t Ag and < 10,000 g/t Ag the method was implemented using Fire Assay Fusion sample decomposition and gravimetric analysis whereby a prepared 30g sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead are parted in dilute nitric acid, annealed and weighed as gold. Silver is then determined by the difference in weights.

11.3. Quality Assurance and Quality Control

A proper QAQC program was implemented by AGL following the industry standards defined by the CIM.

11.3.1. Internal Laboratory

Several CRM were implemented like standards, blanks and duplicates.

For the drill hole data, an internal quality control program was implemented by AGL which comprised:

- Duplicate assay pulps on 5% of volume;
- Duplicate assay splits on 5% of volume; and
- Standards inserted every 20th sample.

AGL utilized two mineral standards for the drilling:

- Casposo Lab. STD BT: Au: 2.48 ± 0.1 Ag: 51.9 ± 3.61
- Casposo Lab. STD AT: Au: 68.2 ± 4.15 Ag: 943 ± 20.98

For the AGL infill drilling diamond core and Channel Sampling analysis results were obtained for standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations. Additionally, precision is monitored within a percentile relative variation range of 2 standard deviations.

11.3.2. External Laboratory

Several CRM were implemented like standards, blanks and duplicates.

For the AGL diamond drill core, quality control procedures adopted include the insertion of a range of certified geochemical standards and blanks that were inserted methodically on a one for every 20-sample basis (5%).

AGL utilized ten mineral standards for the drilling:

- | | | |
|--------------------|----------------------|---------------------|
| • Oreas 251b: | Au: 0.51 ± 0.017 | Ag: 0.1 ± 0.017 |
| • Oreas 607: | Au: 0.67 ± 0.024 | Ag: 5.9 ± 0.189 |
| • Oreas 601c: | Au: 0.97 ± 0.048 | Ag: 50.3 ± 2.31 |
| • Oreas 624: | Au: 1.16 ± 0.053 | Ag: 45.3 ± 1.26 |
| • Oreas 603c: | Au: 4.96 ± 0.186 | Ag: 294 ± 13 |
| • Oreas 609c: | Au: 4.97 ± 0.260 | Ag: 24.6 ± 1.03 |
| • Oreas 610: | Au: 9.83 ± 0.254 | Ag: 49.4 ± 1.79 |
| • Rock Labs SP49: | Au: 18.34 ± 0.34 | Ag: 60.2 ± 2.5 |
| • Rock Labs SP47: | Au: 39.88 ± 0.85 | Ag: 122.3 ± 5.7 |
| • Rock Labs OxQ75: | Au: 50.3 ± 1.100 | Ag: 153.9 ± 7.3 |

For the AGL diamond drill core, RC drilling and Channel Sampling analysis were conducted for the results for the standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations and additionally precision is monitored in a percentile relative variation range within 2 standard deviations.

The author considers that the sample preparation, security, and analytical procedures used for the resource drilling provide an adequate basis for the current MRE, and the author declares that the QAQC program and procedures were developed by AGL geology team and reviewed by the Qualified Person.

12. Data Verification

All information contained in this technical report was generated by AGL, most of which was previously verified in the technical report prepared in 2016 by RPA and all information developed in Manantiales after this date has been reviewed and validated by the QP. All information has been reviewed by the author and is declared to be in accordance with the guidelines established by the CIM and falls under the requirements of NI 43-101 for publication to the market.

The following sections of this chapter outline and describe how these procedures were developed. Verification was carried out by taking the original information, comparing it with what was reported in the 2016 report, and also reviewing the procedures that AGL applied during its drilling and quality assurance activities.

All information capture and processing procedures and protocols have been developed to detect deviations in the early stages of the process and to apply corrective measures for mitigation and to minimize the sources of risk of failures in the information generated and declared as public.

12.1. Site Visit

A site visit was undertaken by the author of this Technical Report between March 12th to 14th, 2024. I have been on site and I can review drill holes from each deposit and I can develop a field visit to the location of each deposit, which ones were subject and matter of study in this report also, I can review procedures and processes for data collection which are in line with industry standards. I am the Principal Geoscientist of WMC, and also a Qualified Person, as described under NI 43-101.

12.2. Laboratory Inspection

Analytical laboratories for the project have not been inspected at this stage.

12.3. Quality Assurance and Quality Control

A proper QAQC program was implemented by AGL following the industry standards defined by the CIM.

12.3.1. Internal Laboratory

Several CRM were implemented like standards, blanks and duplicates.

For the drill hole data, an internal quality control program was implemented by AGL which comprised:

- Duplicate assay pulps on 5% of volume;
- Duplicate assay splits on 5% of volume; and
- Standards inserted every 20th sample.

AGL utilized two mineral standards for the drilling:

- Casposo Lab. STD BT: Au: 2.48 ± 0.1 Ag: 51.9 ± 3.61

- Casposo Lab. STD AT: Au: 68.2 ± 4.15 Ag: 943 ± 20.98

For the Austral Gold Mining infill drilling diamond core, Channel Sampling analysis was conducted for the results of the standards and blanks. Accuracy is monitored by using certified standards which have an accepted value plus 2 standard deviations. Additionally, precision is monitored within a percentile relative variation range of 2 standard deviations.

12.3.2. External Laboratory

Several CRM were implemented like standards, blanks and duplicates.

For the Austral Gold Mining diamond drill core, quality control procedures adopted include the insertion of a range of certified geochemical standards and blanks that were inserted methodically on a one for every 20-sample basis (5%).

AGL utilized ten mineral standards for the drilling:

- | | | |
|--------------------|----------------------|---------------------|
| • Oreas 251b: | Au: 0.51 ± 0.017 | Ag: 0.1 ± 0.017 |
| • Oreas 607: | Au: 0.67 ± 0.024 | Ag: 5.9 ± 0.189 |
| • Oreas 601c: | Au: 0.97 ± 0.048 | Ag: 50.3 ± 2.31 |
| • Oreas 624: | Au: 1.16 ± 0.053 | Ag: 45.3 ± 1.26 |
| • Oreas 603c: | Au: 4.96 ± 0.186 | Ag: 294 ± 13 |
| • Oreas 609c: | Au: 4.97 ± 0.260 | Ag: 24.6 ± 1.03 |
| • Oreas 610: | Au: 9.83 ± 0.254 | Ag: 49.4 ± 1.79 |
| • Rock Labs SP49: | Au: 18.34 ± 0.34 | Ag: 60.2 ± 2.5 |
| • Rock Labs SP47: | Au: 39.88 ± 0.85 | Ag: 122.3 ± 5.7 |
| • Rock Labs OxQ75: | Au: 50.3 ± 1.100 | Ag: 153.9 ± 7.3 |

RC drilling and Channel Sampling analysis were also conducted for the results of the standards and blanks. Accuracy is monitored by certified standards which have an accepted value plus 2 standard deviations and additionally precision is monitored in a percentile relative variation range within 2 standard deviations.

The author declares that all the QAQC program and procedures were developed by AGL geology team and reviewed by the Qualified Person.

12.4. Database Validation

The database of drill holes data was validated and compiled by the AGL geology team and reviewed by the Corporate Data Base Administrator who have reconciled a representative amount of available hardcopy drill logs and assay results against the digital drill hole database.

12.5. Data Verification

Drill hole collars were surveyed with an industry standard total station or differential GPS survey instruments by in-house and third-party contractors.

12.6. Downhole Survey

The drill hole collars were surveyed using the appropriate survey instrument. All AGL drill holes were downhole surveyed in a continuous down hole trace format using single-shot and more recently Reflex-EZTrack and sometimes gyroscope.

12.7. Assay Data

The author has not undertaken any independent assaying of material from the projects and has based the MRE on information provided by AGL.

12.8. Geological Logging

The author has not undertaken any independent geological logging of material from the projects and has based the MRE on information provided by AGL.

The author considers that the data contained in the drill hole database were generated and collected in accordance with industry standards, and AGL implemented proper programs to maintain the security of the data developed by the AGL geology team, which were reviewed by the Qualified Person.

13. Mineral Processing and Metallurgical Testing

Metallurgical recovery assumptions have been applied using mineral processing records from the Casposo plant between 2010 to 2019, particularly used to process Casposo open pit and underground ore.

Several metallurgical tests were performed on each structure within this MRE, and their own particular recovery was calculated for each deposit:

- Manantiales Open Pit: Au: 93% Ag: 80%
- Manantiales Underground: Au: 93% Ag: 75%
- Julieta: Au: 87% Ag: 90%
- Mercado: Au: 93% Ag: 91%
- B-Vein: Au: 89.6% Ag: 87.4%
- Inca 2A, 2B & 2CD Au: 89.6% Ag: 87.4%
- Stockpile Au: 89.6% Ag: 87.4%

14. Mineral Resource Estimates

14.1. Drilling Database

Drill hole data was provided in MS Excel format and represents a compilation of all drilling conducted by the AGL geology team. This data was imported and reviewed in a 3D Vulcan drill hole database. The main files containing the imported fields and their descriptions are found in Table 14.1.

The grid datum used for collar and survey files is Gauss Kruger, Datum Campo Inchauspe 1969 Zone 2.

The assay table contained single fields for Au and Ag. No validation or check re-assay data were available in the data supplied. However, in the central data base managed by the AGL corporate data base administrator, the information is accessible.

An additional MS Excel table was provided by Austral Gold that contains the interpreted intercepts defining the stationary domains. Given the nature of these type of deposits, they primarily consist of veins.

These interpretations can provide a basis for the interpreted domains that were used as a guide to validate the model in 3D.

The database structure is a typical relational database to compile the information of the collar like coordinates and some descriptors of the project and type of drilling, the drill hole topography, the assay table record the information related to the grades and geological units and the lito table record geological information. Table 14.1 describes the tables and fields in the database. The holeid field serves as the key field to relate the tables.

Table 14.1: Database structure for all project.

Table	Collar	Survey	Assay	Lito
Field	holeid	holeid	holeid	holeid
	east	az	sample	from
	north	dip	from	to
	elev	sdepth	to	lito01
	depth		auppm	minsty
	projec		agppm	
	type		aeq	
			ug	
			flag	

The QP has only undertaken basic data validation.

14.2. Geological Modelling, Stationary Domains and Composites

14.2.1. Weathering Surfaces

No oxidation/weathering surfaces have been provided for the MRE.

14.2.2. Geological Interpretation

The mineralised domains evaluated for the MRE were interpreted by the AGL geology team using a model in Leapfrog and a set of cross vertical sections. They were used to guide the 3D modelling for veins, breccias, stockwork or veinlets mineralization domains developed in Vulcan software.

For Manantiales deposit, a 3D model was developed using 3 main geological features that are mineralized Veins or hydrothermal Breccias, for both hangingwall and footwall a body of tectonic breccia was modelled and, in some cases, can bearing low grade mineralization. Also, a final envelope that include veinlets or waste rock was modelled to constrain the internal domains of mineralization.

For the remaining ore bodies, a single domain was modelled, consisting of veins or hydrothermal breccias which contain the gold and silver mineralization. This domain was defined as the main domain and an external envelope identified as a veinlet envelope was defined to constrain the main ore body.

Table 14.2: Domain codes.

Geological Domain	Code
Vein and Hydrothermal Breccia	MQV
Hangingwall and Footwall Tectonic Breccia	BX*
Veinlet developed on the wall rock	VLT

** only developed in Manantiales Deposit*

Once the modeling was finished, all the drill holes considered in the estimation were flagged in a field called flag and ug into the Assay table to mark every single sample with the corresponding stationary domain (see Table 14.2). This method is developed to use the real length of the samples when the process of compositing is developed.

When the regularized composites are built, they are broken down using the physical limits of every stationary domain defined in the flag field. The regularized length choose is 0.5 m due to the high variability of the grades in the width direction and also the selected block size was 0.5 m*0.5 m*0.5 m, for the main stationary domains.

When the composites are created, a regular length is selected which is related to the block size, and start in the first geological limit. Once the routine is completed, the first composite to the length is defined, and the routine will create the following until the end of the geological limit in every geological unit. It is important to note that when the routine is building the last composite, each stationary domain can create the last using a length minor or equal to the regular length defined. No compensation in length is defined in this routine. Figure 14.1 illustrates the Stationary Domains in the Casposo Low Sulfidation Epithermal Mineralization System. Grey dot lines define the VLT domain and the magenta line define the MQV domain figures 14.2, 14.3 and 14.4 shows the 3D stationary domains modeled for Manantiales, Julieta, Mercado and B-Vein.

Figure 14.1 Stationary Domains (Cross Section view) AuEq in ppm.

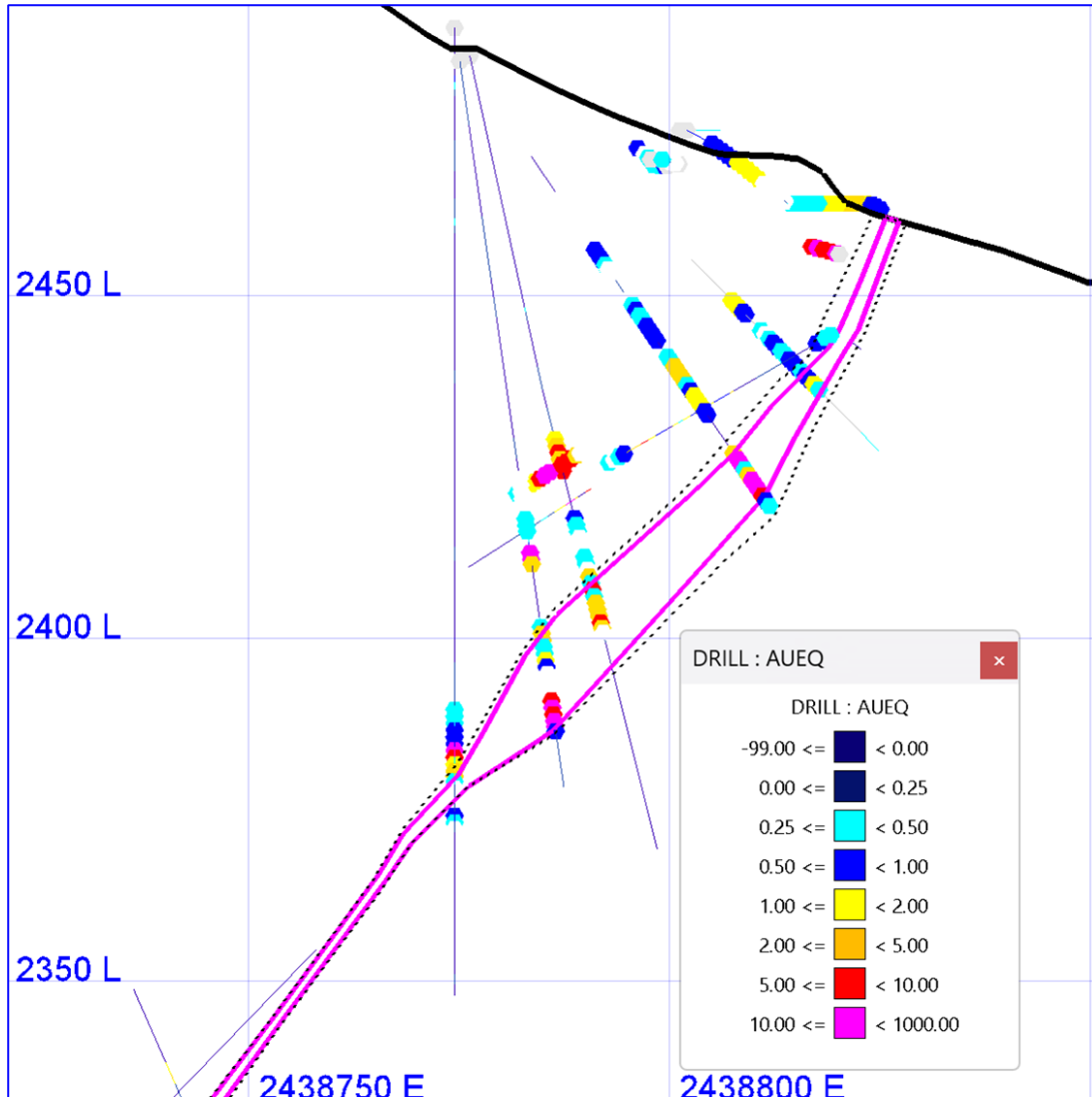


Figure 14.2 Manantiales (left) and Julieta (right) mineralisation domains (plan view)

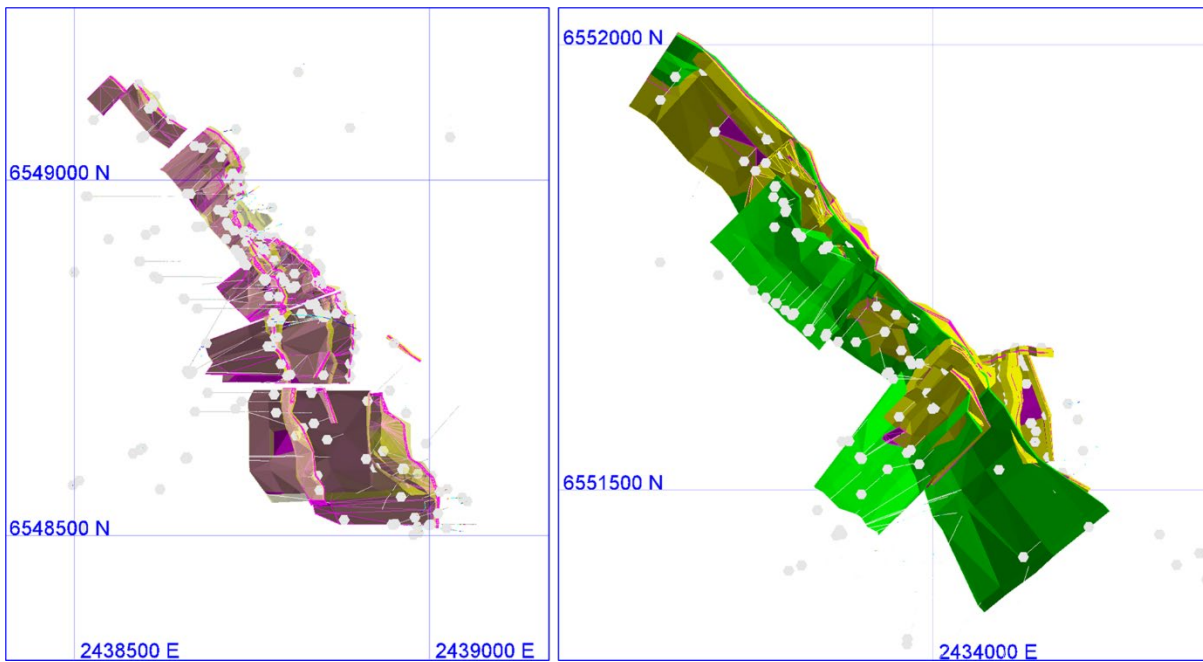


Figure 14.3 Mercado mineralization domains (plan view).

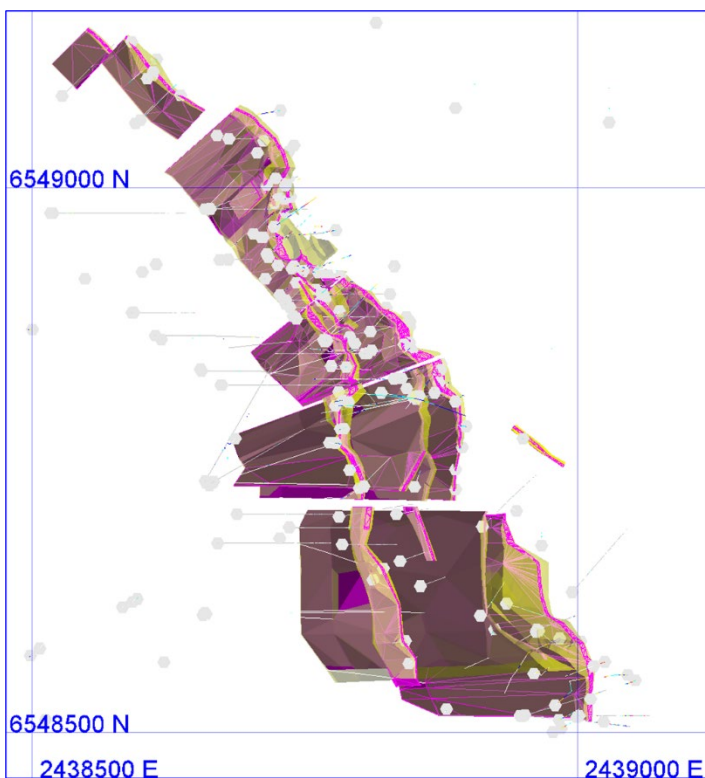
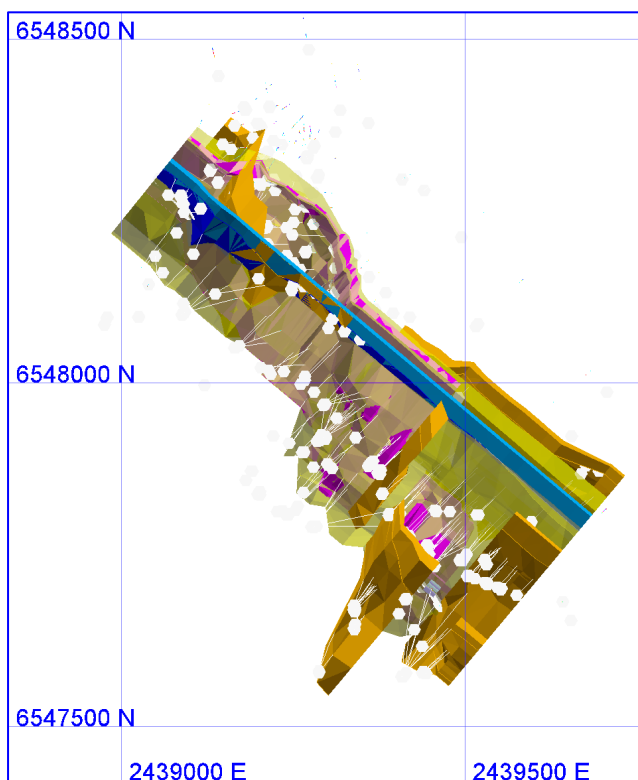


Figure 14.4 B-Vein domain (Plan View).



Composites are the information that will be used in the estimation process and statistics are performed to all the units considered. Table 14.4 shows the codes defined for the Stationary Domains for the four deposits and the Table 14.5 are the statistics performed.

14.2.3. Geological and Estimation Domains

The geological domains were developed based on the interpretation of the AGL geology team for each deposit. Detailed logging was performed and compiled to define the main geological units which are the main mineralized structure composed of veins or hydrothermal breccias that were coded and interpreted in every cross section. An envelope of waste rock or in some cases low grade mineralization was interpreted to constrain the main geological unit that bearing gold and silver mineralization.

To define the Estimation Domains, we relied on the geological domains as long as the structural continuity was present. Parallel, secondary or tensional structures, define different geological domains and consequently different estimation domains.

In these types of deposits, it is typical to find parallel or tensional structures in an arrangement that is known as extensional jogs or bends.

Explicit domains were defined and the main mineralized estimation domain that was called Massive Quartz Vein [MQV], outer domains were identified as Veinlet [VLT] alluding to waste and in some cases low grade estimation domain and geologically present veinlets described in the log and in some cases when the mineralization style was not described the gold and silver grade can be used to define the outer domain. Only in the case of Manantiales deposit was another domain defined as

breccia [BX] identified, whereby the estimation domains formed by the tectonic breccia in both hanging wall and footwall rocks.

14.2.4. 3D Estimation

A typical process of 3D estimation was performed in every project. Volume is defined based on the drill holes intersections for both mineralized or waste geological domain which will be used as Estimation Domain as long as the structural 3D continuity was verified. Sampling was transformed to regular composite and used to develop the geostatistical estimation.

14.3. Domain Coding

Compositing of the drill hole assay data was carried out using the run length method, that is defined according to the features of the population analyzed. The process is explained in more detail in section 14.7. The method is controlled by the unique numeric coding within the MRE database.

14.4. Bulk Density

A comprehensive program of systematic bulk density measurement was implemented and developed by AGL, and Bulk density, a compilation of 310 samples was provided detailed by rock type and was assigned an average value for each one, were calculated using accumulated and average values which show coherent values.

For the MRE, 2.5 ton/m³ was assumed based on the information provided and defined by the mine planning department. As the mineralization styles are mainly bearing in veins, hydrothermal breccias, stockworks and veinlets, it is recommended to perform intensified measurements in the mineralized units.

Currently, the amount of information that was collected in waste units is sufficient. However, the QP recommends continuing with this program and focusing on intensifying the measurements in mineralized units rather than waste rocks. Only 7 measurements were taken in veins or any other type of mineralized rock and the author agreed with the use of a constant value of 2.5 ton/m³ for all rock types.

Table 14.3: Assigned Bulk density.

Rock Type	n	ton/m ³
Felsic Dyke	12	2.40
Andesitic Dyke	3	2.60
Vein	7	2.52
Polymictic Breccia	27	2.52
Monomictic Breccia	28	2.51
Dacitic Tuff	82	2.57
Welded Ryolithic Tuff	102	2.53
Manantiales Dacite	34	2.47
Epiclastic Andesite	1	2.33
Andesitic Tuff	14	2.62
Total samples		310
Accumulation		2.53
Average		2.51

Drill core sample 0.1 m to 0.2 m length

14.5. Mining Depletion

The project has been subject to both open pit and underground mining. Historic mining voids have been precisely quantified. Recent surface surveys undertaken by AGL have provided for all the deposits. The resulting wireframe of open pit voids is considered a reasonable representation of the base of surface mined volumes. The block models were properly built and blocks were created above the surface and declared as air.

Underground mining voids have been declared as mined-out material. For these voids, underground sampling and 3D tunnel wireframes were used to define the area exploited in each vein area.

14.6. Exploratory Data Analysis and Outliers

Complete global statistics of composite tabulations of Au, Ag on the MQV, BX and VLT Stationary Domains are presented. Tables within this section present the relevant statistics for each deposit and their respective domains.

Raw statistics for the calculated regularized 0.5 m composite are shown in Table 14.5.

Table 14.4: Stationary Domains and Codes for Manantiales, Julieta, Mercado and B-Vein Deposits.

Manantiales Deposit		Julieta Deposit		Mercado Deposit		B-Vein Deposit	
Estationary Domain	Code	Estationary Domain	Code	Estationary Domain	Code	Estationary Domain	Code
MQV_HANG_NORTH	1	JUL_MQV_MAIN	1	MER_MQV_MAIN	1	B-VEIN_MQV_SV_TENS_1	1
BX_HANG_NORTH	11	JUL_MQV_NS_1	2	MER_VLT_MAIN	11	B-VEIN_MQV_SV_TENS_2	2
VLT_HANG_NORTH	111	JUL_MQV_NS_2	3	MER_MQV_CENTRAL	2	B-VEIN_MQV_SV_TENS_3	3
MQV_HANG_CENTRAL	2	JUL_MQV_WEST_1	4	MER_VLT_CENTRAL	22	B-VEIN_MQV_SV_TENS_4	4
BX_HANG_CENTRAL	22	JUL_MQV_WEST_2	5	MER_MQV_CENTRAL_SPLAY	2	B-VEIN_MQV_SV_TENS_5	5
VLT_HANG_CENTRAL	222	JUL_MQV_WEST_3	6	MER_VLT_CENTRAL_SPLAY	22	B-VEIN_MQV_SV_TENS_6	6
MQV_HANG_SOUTH	3	JUL_MQV_WEST_4	7	MER_MQV_SV_1	3	B-VEIN_MQV_SV_TENS_7	7
BX_HANG_SOUTH	33	JUL_MQV_WEST_5	8	MER_VLT_SV_1	33	B-VEIN_MQV_SV_TENS_8	8
MQV_EAST_HANG_SOUTH	4	JUL_MQV_WEST_6	9	MER_MQV_SV_2	4	B-VEIN_MQV_S_MAIN_TOP	9
BX_EAST_HANG_SOUTH	44	JUL_MQV_WEST_7	10	MER_MQV_SV_3	5	B-VEIN_MQV_MAIN	10
VLT_HANG_SOUTH	333	JUL_MQV_WEST_8	11	MER_MQV_SV_4	6	B-VEIN_VLT_MAIN	11
		JUL_MQV_EW_MAIN	12	MER_VLT_SV_2	44	B-VEIN_FELSIC_DIKES	1000
		JUL_MQV_SPLAY_S	13	MER_MQV_SV_6	7	B-VEIN_KAMILA_FAULT	2000
		JUL_VLT_MAIN	100	MER_VLT_SV_6	77		
		JUL_VLT_NS_1	200	MER_MQV_SV_5	8		
		JUL_VLT_NS_2	300	MER_VLT_SV_5	88		
		JUL_VLT_WEST_1	400	MER_MQV_MAIN_W	9		
		JUL_VLT_WEST_2	500	MER_VLT_MAIN_W	99		
		JUL_VLT_WEST_3	600	MER_FELSIC_DIKES	100		
		JUL_VLT_WEST_4	700				
		JUL_VLT_WEST_5	800				
		JUL_VLT_WEST_6	900				
		JUL_VLT_WEST_7	1000				
		JUL_VLT_WEST_8	1100				
		JUL_VLT_WEST_9	1400				
		JUL_VLT_EW_MAIN	1200				
		JUL_VLT_SPLAY_S	1300				
		DIKES & SILL	2000				

Table 14.5: Calculated Regularized composite at 0.5m stats.

Deposit	Mirantales																					
	MQV=1		BX=11		VLT=111		MQV=2		BX=22		VLT=222		MQV=3		BX=33		MQV=4		BX=44		VLT=333	
Estationary Domain	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm
Number of samples:	112	112	426	426	429	429	15	15	32	32	105	105	4	4	38	38	3	3	2	2	146	146
Minimum:	0.1	1	0.0	1	0.0	1	3.4	8	0.1	2	0.0	0	2.7	9	0.0	1	54.0	21	0.5	7	0.0	0
Maximum:	77.3	350	8.5	134	9.9	63	22.8	129	3.5	9	2.0	11	48.2	192	6.1	282	54.0	21	0.5	7	6.5	23
Range:	77.2	349	8.4	134	9.9	63	19.3	120	3.4	7	2.0	11	45.5	183	6.1	281	0.0	0	0.0	0	6.5	23
Average:	6.1	28	0.7	8	0.4	4	12.5	43	0.9	4	0.2	2	15.2	70	1.2	23	54.0	21	0.5	7	0.3	4
Standard deviation:	10.4	43	1.2	16	0.8	4	6.7	43	1.1	2	0.3	2	19.1	75	2.0	58	0.0	0	0.0	0	0.9	5
Variance:	107.6	1857	1.3	242	0.7	17	44.9	1831	1.1	3	0.1	3	365.5	5570	3.9	3338	0.0	0	0.0	0	0.8	20
Geometric mean:	2.7	14	0.4	4	0.2	3	10.7	27	0.5	4	0.1	2	7.1	32	0.3	5	54.0	21	0.5	7	0.1	2
Geometric variance:	5.9	4	3.5	3	2.2	2	1.4	3	3.9	1	3.3	2	6.5	11	18.3	11	1.0	1	1.0	1	4.5	3
Harmonic mean:	1.0	8	0.2	3	0.1	2	9.0	18	0.3	4	0.1	1	4.4	17	0.1	2	54.0	21	0.5	7	0.1	1
Skewness:	4.5	4	3.4	5	8.1	8	0.4	1	1.5	1	3.9	3	1.1	1	1.6	3	nd	1	nd	nd	6.0	2
Fisher Kurtosis:	24.0	27	13.2	25	75.0	104	-1.2	0	0.7	1	17.1	10	-0.7	-1	0.9	11	nd	-2	nd	nd	37.0	4
Nat. log mean:	1.0	3	-1.0	1	-1.6	1	2.4	3	-0.8	1	-2.5	0	2.0	3	-1.3	2	4.0	3	-0.6	2	-2.0	1
Nat. log variance:	1.8	1	1.3	1	0.8	0	0.4	1	1.4	0	1.2	1	1.9	2	2.9	2	0.0	0	0.0	0	1.5	1
Coeff. of variance:	1.7	2	1.6	2	2.3	1	0.5	1	1.2	0	1.8	1	1.3	1	2.7	2	0.0	0	0.0	0	2.7	1
Sichel t:	6.7	27	0.7	7	0.3	4	12.8	43	0.9	4	0.2	2	18.0	105	1.1	15	54.0	21	0.5	7	0.3	4
Q1:	1.4	7	0.2	3	0.1	2	6.2	11	0.2	3	0.0	1	2.7	9	0.1	2	54.0	21	0.5	7	0.1	1
Median:	2.7	14	0.3	4	0.2	3	12.9	22	0.6	4	0.1	2	5.0	40	0.1	2	54.0	21	0.5	7	0.1	2
Q3:	6.4	28	0.7	6	0.3	4	19.9	77	0.8	4	0.1	2	27.7	131	0.9	6	54.0	21	ua	ua	0.3	5

Deposit	Julieta											
	MQV=1		VLT=100		MQV=2 to 3		VLT=200 to 300		MQV=4 to 11		VLT=400 to 1400	
Estationary Domain	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm
Number of samples:	254	436	436	436	19	19	74	74	297	297	53	53
Minimum:	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Maximum:	81.9	605	26.1	204	19.3	119	68.4	246	32.2	470	14.6	82
Range:	81.9	604	26.1	204	19.3	119	68.3	246	32.2	468	14.6	82
Average:	5.3	29	1.0	6	3.4	22	3.0	16	5.0	35	3.0	23
Standard deviation:	7.4	49	2.5	18	6.4	39	10.9	41	5.7	58	4.0	23
Variance:	55.5	2446	6.1	320	40.5	1493	119.7	1682	32.5	3529	16.0	543
Geometric mean:	2.4	13	0.3	3	0.4	4	0.3	3	1.8	14	0.9	12
Geometric variance:	9.9	6	10.6	5	67.0	63	56.9	34	43.6	13	39.6	8
Harmonic mean:	0.6	5	0.1	1	0.1	1	0.1	1	0.2	3	0.1	3
Skewness:	5.4	7	6.7	8	1.7	2	4.9	4	2.2	5	1.7	1
Fisher Kurtosis:	45.1	73	55.6	79	1.4	1	22.9	17	6.3	30	2.1	0
Nat. log mean:	0.9	3	-1.2	1	-0.9	1	-1.2	1	0.6	3	-0.1	2
Nat. log variance:	2.3	2	2.4	2	4.2	4	4.0	4	3.8	3	3.7	2
Coeff. of variance:	1.4	2	2.5	3	1.9	2	3.6	3	1.1	2	1.3	1
Sichel t:	7.5	33	1.0	6	3.3	28	2.2	15	11.9	49	5.8	34
Q1:	0.9	6	0.1	1	0.1	1	0.1	1	0.7	5	0.3	7
Median:	3.5	17	0.3	3	0.2	4	0.3	2	3.5	22	1.5	15
Q3:	7.6	37	0.9	6	0.7	6	0.9	11	7.4	43	4.2	30

Deposit	Mercado							
	MQV=1		VLT=11		MQV=2 to 9		VLT=22 to 99	
Estationary Domain	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm
Number of samples:	516	516	969	969	276	276	625	625
Minimum:	0.0	0	0.0	0	0.0	0	0.0	0
Maximum:	66.4	2787	6.9	398	21.3	1068	3.2	74
Range:	66.4	2787	6.9	398	21.3	1068	3.2	74
Average:	1.9	97	0.4	8	1.2	89	0.3	7
Standard deviation:	4.8	245	0.6	19	2.6	188	0.4	9
Variance:	23.0	60134	0.4	359	6.8	35433	0.2	75
Geometric mean:	0.6	17	0.2	4	0.4	19	0.2	4
Geometric variance:	9.0	42	3.2	4	6.8	30	2.9	3
Harmonic mean:	0.2	4	0.1	2	0.2	4	0.1	2
Skewness:	8.1	6	5.4	11	5.7	3	3.9	3
Fisher Kurtosis:	85.8	42	39.9	196	37.8	12	19.3	15
Nat. log mean:	-0.5	3	-1.6	1	-0.9	3	-1.9	1
Nat. log variance:	2.2	4	1.2	1	1.9	3	1.1	1
Coeff. of variance:	2.5	3	1.6	2	2.3	2	1.5	1
Sichel t:	1.9	108	0.4	8	1.1	101	0.3	7
Q1:	0.3	4	0.1	2	0.2	6	0.1	2
Median:	0.6	14	0.2	4	0.4	16	0.1	4
Q3:	1.9	73	0.4	7	0.9	71	0.3	8

Deposit	B-Vein							
	MQV=10		BX=11		MQV=1 to 8		MQV=9	
Estationary Domain	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm	Auppm	Agppm
Number of samples:	1161	1161	3958	3958	106	106	22	22
Minimum:	0.0	0	0.0	0	0.0	3	0.0	1
Maximum:	57.4	6183	33.9	1175	43.9	4621	3.1	1281
Range:	57.4	6182	33.9	1175	43.8	4618	3.1	1280
Average:	3.5	221	0.3	13	2.6	369	0.2	98
Standard deviation:	6.4	537	2.0	42	6.7	773	0.7	304
Variance:	40.6	289538	3.9	1792	45.3	596826	0.5	92254
Geometric mean:	1.0	55	0.1	5	0.5	96	0.0	6
Geometric variance:	40.5	28	7.4	5	27.6	22	10.4	30
Harmonic mean:	0.1	9	0.0	2	0.1	26	0.0	3
Skewness:	4.1	6	16.1	14	4.8	4	3.2	3
Fisher Kurtosis:	22.2	42	269.0	268	24.8	17	8.6	9
Nat. log mean:	0.0	4	-2.8	2	-0.7	5	-3.5	2
Nat. log variance:	3.7	3	2.0	2	3.3	3	2.3	3
Coeff. of variance:	1.8	2	6.9	3	2.6	2	3.0	3
Sichel t:	6.2	289	0.2	11	2.7	454	0.1	32
Q1:	0.4	18	0.0	2	0.1	21	0.0	2
Median:	1.5	64	0.1	4	0.4	106	0.0	5
Q3:	3.6	180	0.2	10	2.0	338	0.0	7

The generally high variance characteristics and material outliers within the composite's distribution indicates the need to limit high-grade values.

Outliers can be addressed using the following actions to limit their influence:

- Thresholds are detected and defined using lognormal probability plot, then its consistency of the definition is checked in the table calculating the relative differences between composites, when the relative difference is greater than 5% it could be possible to consider as an outlier. Both definitions must to be geologically consistent and coherent and relevant experience in this matter is needed to define the threshold in a relevant stationary domain
- Capping means all the composites major or equal to the threshold defined will be cutting and be replaced for this value. This action is not performed for the Casposo deposits because the metal content involved can be seriously affected due to the nature of this type of deposits high grade variability and less geological continuity.
- Rather than capping, a high yield restriction is performed and is defined in the kriging plans. This means the treatment of the grades above the threshold will be restricted to an inner and smaller ellipsoid which define a very restricted and small influence, into the main search that were defined in every estimation pass and only when the samples above the top-cut or threshold is in this smaller search they will be used to estimate a block. If the outliers are out of the small and inner search never will be used to estimate a block.

Table 8-5 exhibits the threshold defined in the Stationary Domains. All distributions were analyzed and the defined thresholds were applied in the estimation plans.

Table 14.6: Outliers Definition for deposits and Stationary Domains.

Deposits		Manantiales			
Stationary Domain	Code	Auppm	%	Agppm	%
MQV_HANG_NORTH_NOV2023	1	35	97.3%	101	95.1%
BX_HANG_NORTH_NOV2023	11	9	99.9%	85	98.8%
VLT_HANG_NORTH_NOV2023	111	9	99.8%	25	99.8%

Deposits		Julieta			
Stationary Domain	Code	Auppm	%	Agppm	%
JUL_MQV_MAIN	1	20.2	97.5%	86	96.7%
JUL_MQV_WEST_2	5	17.2	94.3%	73	94.3%
JUL_MQV_WEST_3	6	19.7	98.3%	114	96.0%
JUL_MQV_WEST_4	7	32.2	93.8%	349	97.0%
JUL_VLT_MAIN	100	-	-	106	98.0%
JUL_VLT_NS_2	300	-	-	79	96.0%

Deposits		Mercado			
Stationary Domain	Code	Auppm	%	Agppm	%
MER_MQV_MAIN	1	31.6	99.3%	1039	98.5%
MER_VLT_MAIN	11	-	-	116	99.5%
MER_MQV_CENTRAL	2	21.3	97.0%	540	97.0%
MER_MQV_CENTRAL_SPLAY	2	21.3	97.0%	540	97.0%
MER_MQV_SV_1	3	-	-	840	95.0%
MER_MQV_SV_2	4	-	-	349	96.4%
MER_MQV_SV_4	6	-	-	333	92.0%

Deposits		B-Vein			
Stationary Domain	Code	Auppm	%	Agppm	%
B-VEIN_MQV_MAIN	10	34.6	99.5%	2584	98.9%
B-VEIN_VLT_MAIN	11	2.64	99%	157.4	99%

The main Massive Quartz Vein (MQV) domains exhibit grade ranges and variabilities considered large for robust linear interpolation. Visual inspection clearly shows the domains consist of mineralized and non-mineralized regions. Minor structures were estimated considering a linear interpolation, although the amount of information can be small, it is enough to develop the process.

14.7. Spatial Variability

One of the main parameters to define in a resource estimation is the spatial variability and the definition of a valid function to solve the Kriging equations. Variograms provide the information to solve an equation system with a unique and valid solution.

On the other hand, for this type of deposits a proper definition of anisotropy or the way that grades are distributed in the space is key to ensure an accurate process of estimation. In the early days and due to the limitation of the estimation software was usual to use fixed directions of the search ellipsoid but now is possible to use some routines to mimic the spatial distribution of geological variables like grades called local variable anisotropy that are fully conditioned by geological constrains. In all the Casposo Deposits was used a routine of variable ellipsoid to mimic the 3D distribution of grades and avoid some artifacts.

3D Variograms were performed using operational sampling to define a function to be applied in the deposits. The aim of production channels was to obtain information about the shortest distances rather than the longest distances. A semi-empirical model is provided to use in the estimation process and provide a coherent solution related to the optimal grid drilling.

Table 14.7: Semi-variogram defined as a semi-empirical model.

Semi-empirical Varigram Model								
C0 =	0.1							
Structure	Variance	function	major	semi-major	minor	bearing	plunge	dip
C1 =	0.4	Sph	7.5	0.5	7.5	variable	variable	variable
C2 =	0.5	Sph	15	1	15	variable	variable	variable
C3 =	0.5	Sph	30	2	30	variable	variable	variable
Total Sill =	1.5							

Local Variable Anisotropy is an important feature of a geological domain and therefore for the stationary domain, it is important to know which are the directions of best continuity of mineralization called anisotropy. It is usual to define the local variable anisotropy to mimic the continuity of relevant geological features. In that way, was build an Anisotropy field based on the geological and stationary domains characteristics in specific the 3D orientation. Vulcan can build an Anisotropy Field based on surfaces and the information of this surface was recorded in the variables defined as bearing, plunge and dip.

Geological information is the base in the case of Epithermal Low Sulfidation deposits because they are structurally controlled and it is normal to follow a tabular shape of the ore bodies.

14.8. Block Model Definition

The final grade estimates were populated into a conventional 3D block model constructed in Vulcan mining software, with the block model definition shown in Table 8-6. The parent block size was chosen to be compatible with existing deposit dimension mainly in the width direction, expected mining selectivity and is also suitable given the geometry of the mineralization.

Table 14.8: 3D Block model definition.

Deposit	Origin			Rotation			Offset			Block Size			Subblock		
	X coord	Y coord	Z coord	Bearing	Plunge	Dip	X length	Y length	Z length	X m	Y m	Z m	X m	Y m	Z m
Manantiales	2,431,900	6,552,300	2,900	90	0	0	400	700	700	2.5	2.5	2.5	0.5	0.5	0.5
Julieta	2,434,050	6,551,300	3,050	45	0	0	400	850	450	2.5	2.5	2.5	0.5	0.5	0.5
Mercado	2,438,825	6,548,275	2,150	50	0	0	500	900	450	2.5	2.5	2.5	0.5	0.5	0.5
B-Vein	2,439,430	6,547,440	1,900	50	0	0	550	1,000	600	2.5	2.5	2.5	0.5	0.5	0.5

Rotation was applied in Julieta, Mercado y B-Vein deposits due to the 3D disposition.

Sub-blocking routines was developed to define an accurate volume inside the stationary domains which is one of the most critical features of this type of deposits.

The variables, attributes, descriptions and default value defined in all models are tabulated in the following table:

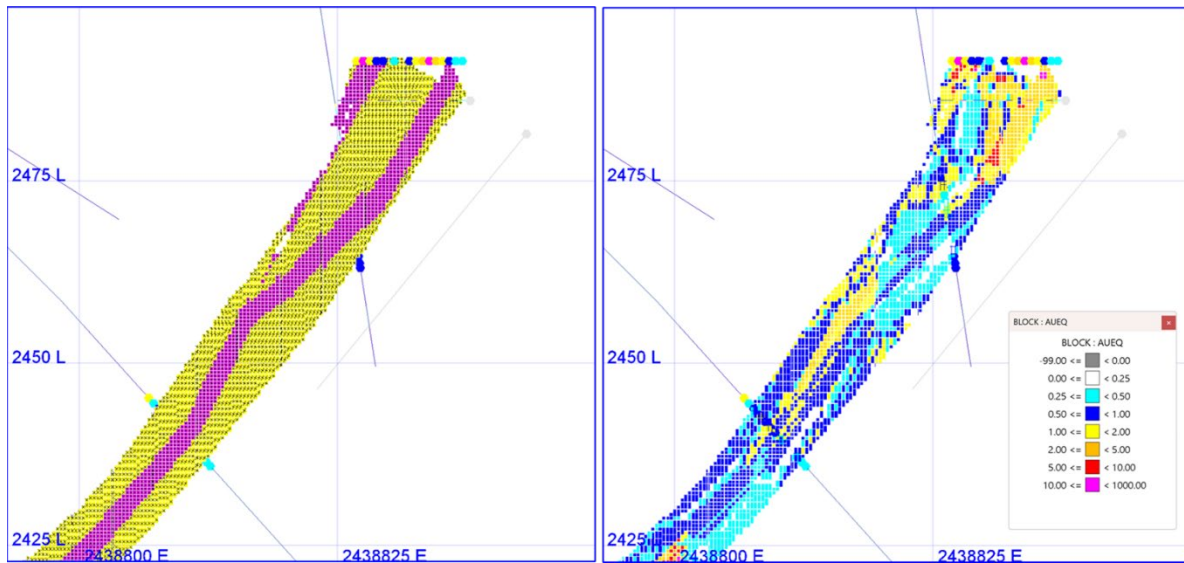
Table 14.9: 3D Block model attributes.

Variable	Description	Type	Default
rock	Geological differentiation above the current topographical surface is air	translation table	air
shell	Stationary Domain Code	integer	0
au_ok	Estimated gold by Ordinary Kriging in ppm	double	-9
ag_ok	Estimated gold by Ordinary Kriging in ppm	double	-9
aeuq_ok	Calculated gold equivalent $aeuq_ok = au_ok + ag_ok / 80$	double	-9
nsamp1	Number of composites used to estimate	double	0
avdist1	Average distance to estimate	double	0
resource	Resource categorization 1: measured, 2: indicated & 3: inferred	integer	0
krigpass	Estimation pass recorded 1 to 5	integer	0
density	block density in ton/m ³ generally assigned to 2.5	double	0
bearing	Measure of the strike direction of the Linear Variable Anisotropy (around z-axis)	double	0
plunge	Measure of the rake direction of the Linear Variable Anisotropy (around x-axis)	double	0
dip	Measure of the dip direction of the Linear Variable Anisotropy (around y-axis)	double	0

Additional variables can be added to manage some information that is necessary to complete the estimation process or to develop some discounts like the depletion or fillings. Additionally, the density is a value assigned based on past operational experience and new information obtained from Manantiales.

Finally, the combination of a semi-empirical variogram model and an anisotropic field containing local variable anisotropy can better mimic the continuity of the mineralization. The inputs to develop the estimation included gold and silver grades, the anisotropy field and a semi-empirical variogram model. The output provides estimates for gold and silver (see Figure 8-5).

Figure 14.5 Left, illustrate the Anisotropy Field where every single block was recorded with the bearing, plunge and dip from the reference surface. Right, blocks estimated following the grade anisotropy (cross section view).



14.9. Mineral Resources Estimation

14.9.1. 3D Estimation

A standard procedure was implemented to develop the global and local estimation. The input information is based on the sampling collected through DDH, and RC drill holes, and Channels, both underground and surface. The information was previously validated by the AGL Casposo geology team to support the entire process of the Mineral Resource Estimation for Manantiales, Julieta, Mercado and B-Vein deposits. Geological and sampling databases, geological interpretation was properly provided and the QAQC program is currently implemented and following according to CIM standard definitions and they generate and control the whole process of obtaining the gold and silver results of the chemical analysis according to standard industry procedures.

No further responsibility in the quality of the information is related to the author, who is solely responsible for the MRE process.

14.9.2. Stationary Domains

Three different domains were defined MQV, BX (only in the Manantiales deposit) and VLT to develop a reasonable geological representation of the continuity of the mineralization. MQV domain is composed by Veins A/O Hydrothermal Breccias, structurally controlled that must present spatial continuity, however parallel or secondary structures are not considered as part of the domain because they represent other geological units. Mineralization styles common in Epithermal Low Sulfidation deposits

are configured similar to a structural arrangement formed in a transtensional tectonic building knows like jogs or bends. Only in the case of Manantiales deposits, was a geological envelope developed, composed of breccias of different compositions A/O genesis, but for the estimation purposes were grouped as Breccia domain [BX], mainly sterile but in some parts of this unit, could present low grade mineralization with restricted continuity. Outer of the MQV and in the case of Manantiales - MQV and BX - an external domain was created to constrain the internal ones and geologically is characterized by the presence of visible veinlets or directly low grades without any evident geological description or in most of the cases simply include waste rock to create a geological continuity.

14.9.3. Search and Parameters

The estimation of the grades in each domain has been designed to develop the local estimation and follow the geological characteristics of the deposits. The spatial configuration considers the general strike and dip, dikes and faults cut and move the mineralization and provides a complex scenario to the 3D process.

The search neighbourhood was defined to minimize uncertainty over the estimation and the past experience to guide the definition of the search ellipsoids and the variograms influences. Five passes of estimation were designed and it was expected that the composites would be gradually incorporated at a greater distance from the block being estimated.

Table 14.10: Estimation Plans used in all the deposits.

Estimation Plans							
Pass	Search Distances			Samples			
	major	semi-major	minor	min	max	max/hole	min/estimate
1	16	0.5	16	2	6	1	2
2	32	0.5	32	2	4	1	1
3	64	1	64	1	4	1	1
4	80	1	80	1	3	-	1
5	120	2	120	1	2	-	1

Discretization 4x4x4

Orientation of the search ellipsoids was recorded in the block model

After the samples are selected to estimate a block, the information available is used to perform ordinary kriging. The covariance is then obtained from the samples to obtain the covariance from the variogram to calculate the unbiased linear interpolation.

Several pieces of information are generated during the estimation process, and these are recorded in each block listed below:

Krigpass: this variable records an integer from 1 to 5 to identify the plan used for estimation.

Avdist: is the average distance from the centroid of the block to the selected samples.

Nsamp: is the number of samples selected for estimation.

14.9.4. Calculated Variables

To complete the process, variables are calculated to represent the local metal contents. Gold Equivalent [AuEq] is calculated based on the estimated values for both gold and silver and it represents the combined value of gold and silver.

Gold Equivalent then is calculated: $AuEq = Au_{ok} + Ag_{ok}/fEq$

fEq is calculated based on the gold and silver long term prices USD \$1,600 USD/oz gold and USD \$20 USD/oz silver.

$fEq = (1,600/20) = 80$.

14.10. Validation

Model validation was completed to verify that the grade estimates within the model were an appropriate reflection of the underlying composite data, and to confirm that the interpolation parameters were applied as intended. Checks of the estimated block grade with the corresponding dataset were completed using both numerical and spatial aspects as follows:

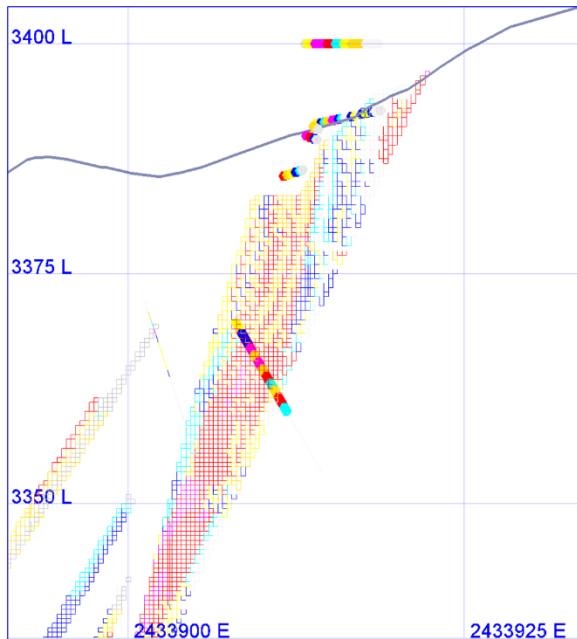
- Locally: Visual inspection of the estimated block grades viewed in conjunction with the composite data and local grades estimation.
- Globally: global mean and variance for gold and silver grades on a domain basis.
- Semi-Locally: Using swath plots in strike and RL comparing the estimates to the sample data.

14.10.1. Visual Validation

The estimated grades variables were examined in 3D, longitudinal and cross sections viewed on screen, comparing them to the input composite data, and were found to be satisfactory.

An example of a cross section in Julieta Deposit - Stationary Domain equal 1 - for AuEq, showing the model and composite grades is shown in Figure 8-6. Anisotropy follows the basic geological information of the composites. Local variability is obtained and represented in the width direction of the ore body.

Figure 14.6: Julieta Deposit, Stationary Domain MQV_Main code equal 1. Cross section view, showing model and intercept AuEq composites.



Visual inspection of the models showed acceptable representation of the input data where data density was sufficient. Some areas with poor sampling displayed reasonable smoothing of grades.

14.10.2. Statistical Comparison

Further statistical analysis was developed to compare the consistency of the estimation and the composite information. The mean values were compared to check its global consistency. Table 8-10 shows the principal structures for Manantiales, Julieta, Mercado and B-Vein deposits.

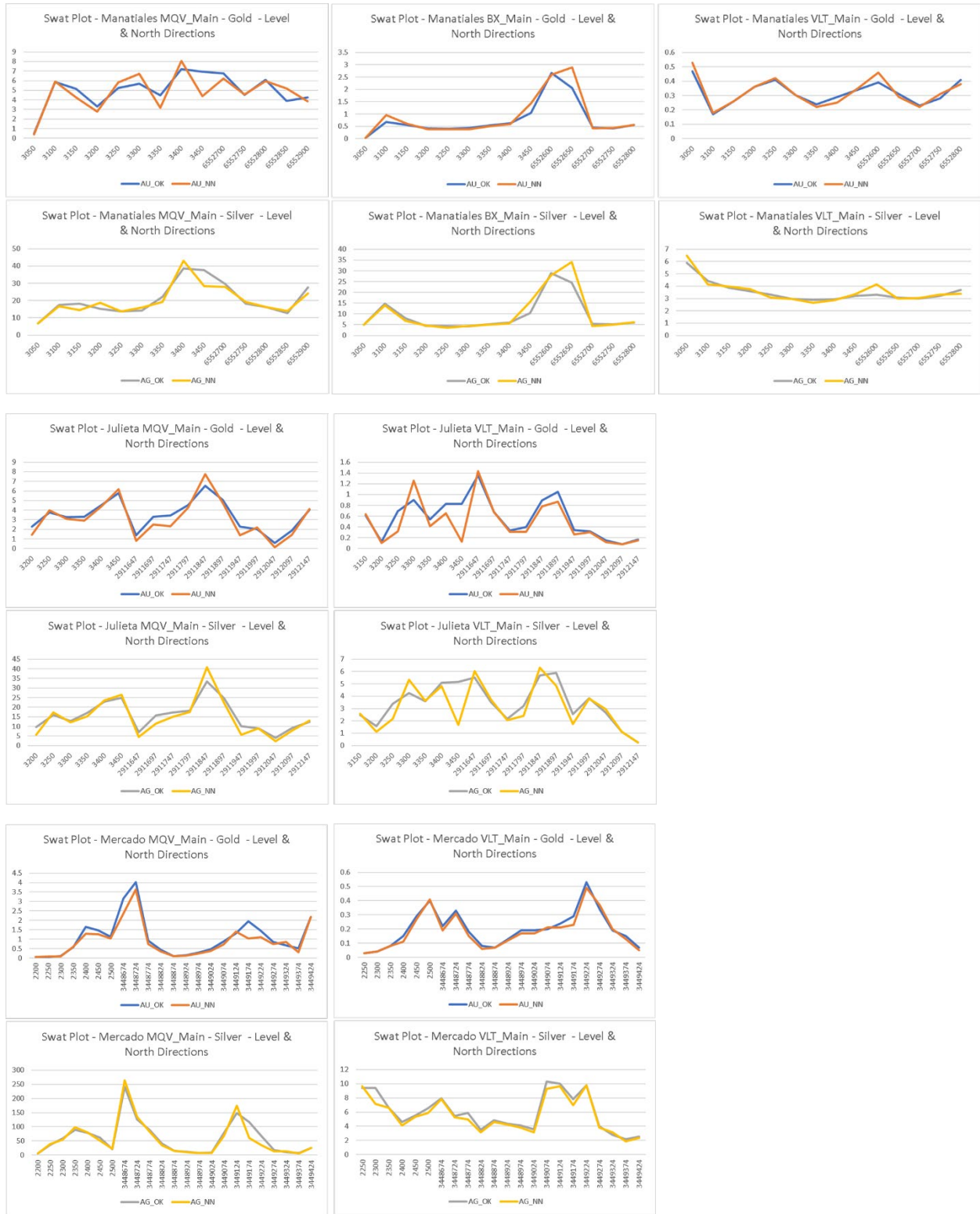
Table 14.11: Statistical comparison in the main stationary domains.

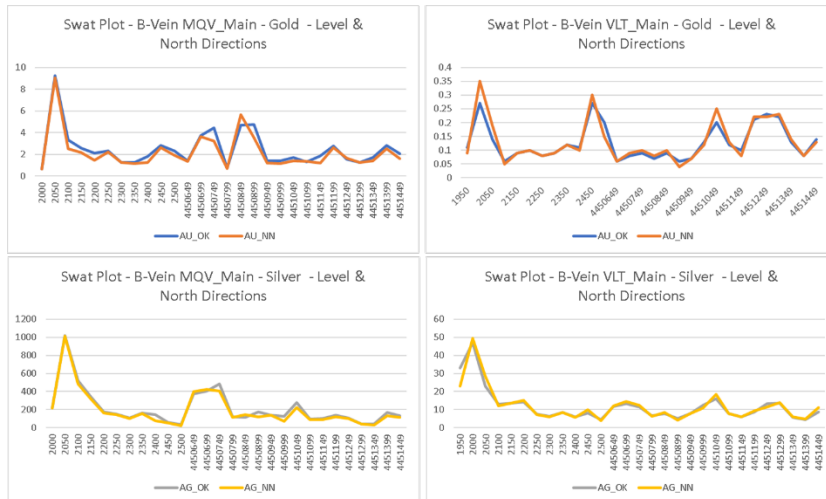
Deposit	Geological Unit	Code	Composites Clustered		Composites Declustered		Block Model	
			Auppm	Agppm	Auppm	Agppm	Auppm	Agppm
Manantiales	MQV_Main	1	6.1	28	5.3	20	5.4	20
Julieta	MQV_Main	1	5.3	29	3.5	18	3.8	18
Mercado	MQV_Main	1	1.9	97	1.0	58	1.1	61
B-Vein	MQV_Main	10	3.5	221	1.7	137	2.0	159

14.10.3. Swath Plots

Semi-stationarity was evaluated globally to assess the distribution of the estimated grades in different directions and sections of the deposits. The directions used to evaluate the semi-stationarity were the strike and dip directions.

Figure 14.7: Swath Plot – Manantiales, Julieta Stationary Domains MQV, BX and VLT - Main Structure





Swat plot or drift analysis is a graphical method used to test semi-stationarity. For the Manantiales deposit, the estimation results show a good response compared to the declustered composites for gold and silver. The estimated curves (blue in the case of gold and grey in the case of silver) have a similar shape compared with the composites. This suggests that the parameters defined in the estimation plans work reasonably and as expected.

14.10.4. Low Grade Stockpiles

Low grade Mineral Resources were stocked during the previous operations, from both open pit and underground mining. A reliable processing of ore and grade control were developed by Troy and AGL. As a result, it is reasonable to have a high degree of certainty of these low-grade resources, which are stored in every accumulation of ore broken material [OBM]. Due to operational protocols and controls developed during past operations, it is reasonable to consider them as part of the inventory resource and in the opinion of the Qualified Person, it is reasonable to consider them as a resource.

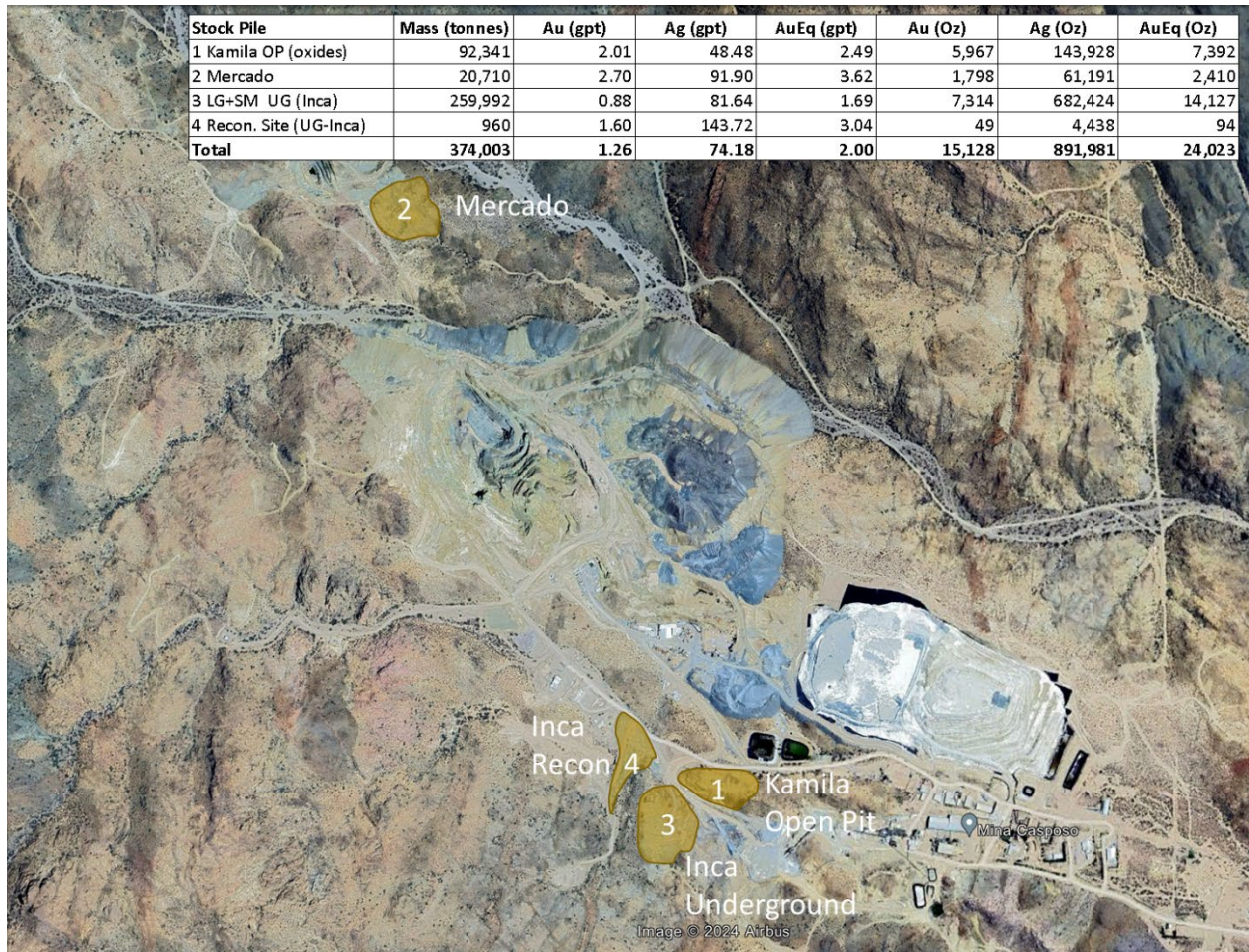
The AGL personnel explained the processes that were carried out by both two companies and the Qualified Person agrees with the operational protocols.

Volume was accurately determined, and grades were defined according to new sampling. Four stockpiles were considered in the inventory of Low-Grade Mineral Resources, and they were properly built under operational conditions. The volume was confirmed with drone surveys and the grade was defined with further sampling. The Low-Grade Stockpile considered the Kamila Open Pit, Inca Underground, Inca Recon and Mercado. Past production works under certain cut off grade and the marginality criterion were the condition to build these accumulations of low-grade mineral resources.

Table 14.12: Low-Grade Mineral Resources Inventory.

Stock Pile	Mass (tonnes)	Au (gpt)	Ag (gpt)	AuEq (gpt)	Au (Oz)	Ag (Oz)	AuEq (Oz)
1 Kamila OP (oxides)	92,341	2.01	48.48	2.49	5,967	143,928	7,392
2 Mercado	20,710	2.70	91.90	3.62	1,798	61,191	2,410
3 LG+SM UG (Inca)	259,992	0.88	81.64	1.69	7,314	682,424	14,127
4 Recon. Site (UG-Inca)	960	1.60	143.72	3.04	49	4,438	94
Total	374,003	1.26	74.18	2.00	15,128	891,981	24,023

Figure 14.8: Low-Grade Stockpiles location and inventory



14.11. Mineral Resource Classification

In general, classification of Mineral Resources at Casposo uses criteria based on the risk associated with the distribution of the information as follows:

1. Confidence in the Au and Ag estimate.
2. Reasonable prospects for eventual economic extraction.

Assessment of confidence in the estimate of grades included guidelines as outlined in NI 43-101:

- Drill data quality and quantity.
- Geological interpretation and mineralised domaining.
- The spatial continuity of mineralisation.

Quantitative criteria relating to these guidelines include data density and the kriging search distances used.

More interpretative criteria include the extent of mine depletion and to a lesser extent the rock weathering condition and in situ bulk density of the mineralised and waste material.

While Austral Gold have undertaken recent industry standard quality-controlled diamond drilling, the majority of this MRE has been based on drilling data following industry standard documentation of QA/QC protocols, drilling and sampling methodologies and assay determination methods.

The overall confidence in the geological and mineralised interpretation and domaining is considered high, due in part to the existing mine openings and surface mapping undertaken by AGL employees.

The spatial continuity of mineralisation consistently demonstrated validity and geostatistical coherence across all geological and stationary domains.

The risk assessment was properly addressed using several sources of information to configure a drill grid pattern that can assure a risk level, which aligns with AGL's expectations.

- A benchmarking study was carried out to compare similar Epithermal Low Sulphidation deposits in well-known mines like El Peñon, Cerro Bayo and Amancaya in Chile, Cerro Vanguardia, some structures in Cerro Moro and Cerro Negro in Argentina, and Mercedes in Mexico. Most of cases are between 20 m to 35 m arrangement and the variability of the gold and silver distributions are key to defining a minor or major drill pattern.
- Key information was the pattern that was used in the past by AGL and previous owners of the Casposo Mine. As was stated by the AGL geology team, reliable reconciliations were obtained when was used a 25 m drill hole pattern to declare and define a resource as indicated.

Finally, this information, the benchmarking inputs and the expert criteria of the Qualified Person were relevant to define the same drill grid **pattern 25 m x 25 m to define indicated resources for Manantiales, Julieta, Mercado and B-Vein deposits.**

Formal studies of the optimal grid distance are strongly recommended to develop these new deposits in the Casposo Mine. The main goal is to determine the optimal distance between drill holes to ensure the desired level of confidence and minimize error for a year of ore production which AGL expects to be approximately 400Kton/year.

Low-Grade Stockpiles were classified as Indicated according to their origin, operational control process, mass determination and sampling.

14.12. Reasonable Prospect Assessment

The project is located on Mining Leases granted and has been historically mined. Grades and geometry are amenable to open pit and underground mining. The current (April 2024) Au price is ~US\$2,250 per ounce and given probable credits from Ag, an average positive revenue per tonne (after recoveries) would be achievable. Therefore, there is no apparent reason the Casposo Au-Ag deposits could not be mined economically.

The reported open pit MRE has been confined above an optimisation shell and underground stopes modelled on the criteria tabulated in Table 14.12 and Table 14.13. The shell selected for a base of reasonable expectations for reporting the MRE assumed a gold price of USD \$2,000/ounce and a silver price of USD \$20/ounce.

Table 14.13: Parameters used in the optimisation process.

Type	Mining					Cost					
	Cut-Off Grade	Dilution	Recovery	Slope	Density	Mining	Procesing	G&A	Selling	Operating	Cash
	AuEq ppm	%	%	°	ton/m3	USD/ton	USD/ton	USD/ton	USD/ton	USD/ton	USD/ton
Open Pit	1.5	-	95	50	2.5	6	65	15	38.7	71	124.7
Underground	2.0	15	93	40/140	2.5	60	65	15	38.7	125	178.7
Stockpile *	1.0	-	-	-	1.8	1.5	45	10	38.7	46.5	95.2

* only variable costs was considered

Other parameters considered in the underground optimization are as follow:

- Distance between levels: 15 m [Bench 11 m, Drift 4 m]
- Minimum and maximum width: Bench 2.08 to 6 and drift 4 to 6

Minimum and maximum dip: Bench 40° and drift 140°

Metallurgical Recoveries were used according to the information obtained on the deposit to optimize the open pit and underground method. Table 14.13 illustrate the recoveries in each deposit.

Table 14.14: Recoveries used in the optimisation process.

Metallurgical Recoveries		
Deposit	Au %	Ag%
Manantiales OP	93	80
Manantiales UG	93	75
Julieta	87	90
Mercado	93	91
B-Vein	89.6	87.4
Inca 2A, 2B & 2CD	89.6	87.4
Low Grade Stockpile	89.6	87.4

Stockpile optimization uses nearly the same parameters as open pit optimization. The key differences lie in the mining and general administrative costs, that were considered as variable costs.

14.13. Mineral Resource Statement

The April 2024 MRE for the Casposo Au-Ag deposits is shown in Table 14.15 below. The MRE has been reported according to the optimization for gold equivalent attribute to take advantage of the silver content of the mineralised structures.

Total resources for the Casposo Mineral Resources were calculated as follow:

Summary of Mineral Resources Statement - All Deposits - April 30, 2024 - Measured + Indicated and Inferred

Classification	Tonnes (t)	Grade			Contained Metal		
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Measured and Indicated	694,466	3.49	123.88	5.04	77,865	2,765,906	112,439
Inferred	662,291	5.02	65.74	5.85	106,961	1,399,848	124,459

Mineral Resources were defined using a categorization routine based on optimal drilling grid definition procedure based on a benchmarking study, reconciliation and grid used in the past period of operation and in the expert knowledge of the author, the goal is minimizing the error which is 15%, in a confidence interval of 90% and in a 1 year of ore mass production to define indicated resources. The drilling grid pattern defined for those purposes was 25 m in the strike direction and 25 m in the dip direction and it is coincident with the drilling pattern used at the time of operation of the mine.

Low Grade Stockpile Mineral Resource were defined based on the fact they were built supported by mining operational procedures in a daily basis, using a cut-off grade to define mineral, marginal and waste materials and ore and grade control process to sampling the benches or underground faces. The mass was properly surveyed using drone, and the grade was confirmed developing trenches, and muck sampling.

Summary of Mineral Resources Statement - Stockpile - April 30, 2024 - Indicated

Classification	Tonnes (t)	Grade			Contained Metal		
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Indicated	374,003	1.26	74.18	2.19	15,151	891,975	26,301

Table 14.15: Casposo Au-Ag deposits Mineral Resource Statement (April 30, 2024).

Summary of Mineral Resources Statement All Deposits - April 30, 2024 - Measured + Indicated and Inferred

Classification	Tonnes		Grade		Contained Metal		
	(t)	(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	15,600	3.89	92.39	5.04	1,949	46,338	2,528
Indicated	332,174	4.00	65.53	4.82	42,677	699,810	51,425
M + I	347,774	3.99	66.73	4.83	44,626	746,148	53,953
Inferred	119,233	10.80	23.90	11.10	41,419	91,610	42,564
Underground							
Measured	-	-	-	-	-	-	-
Indicated	346,692	2.98	181.20	5.25	33,240	2,019,758	58,486
M + I	346,692	2.98	181.20	5.25	33,240	2,019,758	58,486
Inferred	543,059	3.75	74.93	4.69	65,542	1,308,238	81,895
Stockpile							
Measured	-	-	-	-	-	-	-
Indicated	374,003	1.26	74.18	2.19	15,151	891,975	26,301
M + I	374,003	1.26	74.18	2.19	15,151	891,975	26,301
Inferred	-	-	-	-	-	-	-

Notes:

- Effective date April 30, 2024
- Stationary domains were modelled according the lithological and structural continuities.
- Mineral Resources were classified and reported in accordance with the NI 43-101.
- Indicated Resources was declared under a grid pattern of 25 m in the strike direction and 25 m in the dip direction.
- Mineral Resources are defined via optimization.
- A cut-off grade of 1.0 g/t AuEq was defined to mine Stockpiles.
- A cut-off grade of 1.5 g/t AuEq was defined to Open Pit Mining Method.
- A cut-off grade of 2.0 g/t AuEq was defined to Underground Mining Method beneath the open pit shells and optimized using the Vulcan Stope Optimizer.
- Metallurgical recoveries were applied by deposit.
- Selective Mining Unit were defined and built according the underground optimization. Dilution has been incorporated into the SMU.
- A bulk density of 2.5 ton/m³ has been applied to all domains in open pit and underground and 1.8 ton/m³ for stockpile.
- Numbers may not add due to rounding.

The Au equivalent calculation was based on an Au and Ag price of USD \$2,000/oz and USD \$20/oz and recoveries were applied according to the results obtained for Manantiales, Julieta, Mercado and B-Vein respectively. The cut-offs selected evaluated the economic viability of a reasonable prospect to be exploited are 1.0 g/t AuEq Stockpiles, 1.5 g/t AuEq Open-Pit and 2.0 g/t AuEq for Underground and represent appropriate choices given the current stage of the project and the prices used for gold and silver commodities.

The Author is not aware of previous Mineral Resource Estimates for Manantiales. However, Julieta, Mercado and B-Vein were previously estimated and reported in the RPA Technical Report issued in 2016.

Table 14.16: Casposo Au-Ag deposits Mineral Resource Statement by Deposit (April 30, 2024).

Mineral Resources Statement Measured + Indicated and Inferred - Manantiales							
Classification	Tonnes (t)	Grade			Contained Metal		
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	-	-	-	-	-	-	-
Indicated	21,017	4.85	27.82	5.19	3,275	18,798	3,509
M + I	21,017	4.85	27.82	5.19	3,275	18,798	3,509
Inferred	22,858	9.05	40.13	9.55	6,647	29,492	7,016
Underground							
Measured	-	-	-	-	-	-	-
Indicated	8,612	4.37	12.29	4.53	1,211	3,404	1,254
M + I	8,612	4.37	12.29	4.53	1,211	3,404	1,254
Inferred	316,904	4.33	15.51	4.52	44,108	157,984	46,082
Mineral Resources Statement Measured + Indicated and Inferred - Mercado							
Classification	Tonnes (t)	Grade			Contained Metal		
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	-	-	-	-	-	-	-
Indicated	141,963	1.77	116.68	3.23	8,097	532,557	14,754
M + I	141,963	1.77	116.68	3.23	8,097	532,557	14,754
Inferred	5,978	2.21	17.99	2.43	425	3,457	468
Underground							
Measured	-	-	-	-	-	-	-
Indicated	28,518	1.49	157.89	3.46	1,363	144,768	3,173
M + I	28,518	1.49	157.89	3.46	1,363	144,768	3,173
Inferred	17,177	2.28	68.94	3.14	1,257	38,072	1,733
Mineral Resources Statement Measured + Indicated and Inferred - Julieta							
Classification	Tonnes (t)	Grade			Contained Metal		
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	-	-	-	-	-	-	-
Indicated	169,194	5.76	27.29	6.10	31,305	148,455	33,161
M + I	169,194	5.76	27.29	6.10	31,305	148,455	33,161
Inferred	90,397	11.82	20.18	12.07	34,347	58,661	35,080
Underground							
Measured	-	-	-	-	-	-	-
Indicated	91,557	4.29	22.22	4.57	12,636	65,409	13,454
M + I	91,557	4.29	22.22	4.57	12,636	65,409	13,454
Inferred	23,047	5.11	24.44	5.42	3,788	18,108	4,014

Mineral Resources Statement Measured + Indicated and Inferred - B-Vein

Classification	Tonnes (t)	Grade		Contained Metal			
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	15,600	3.89	92.39	5.04	1,949	46,338	2,528
Indicated	-	-	-	-	-	-	-
M + I	15,600	3.89	92.39	5.04	1,949	46,338	2,528
Inferred	-	-	-	-	-	-	-
Underground							
Measured	15,600	3.89	92.39	5.04	1,949	46,338	2,528
Indicated	209,773	2.57	260.75	5.83	17,332	1,758,606	39,314
M + I	225,373	2.66	249.10	5.77	19,281	1,804,944	41,843
Inferred	121,885	2.59	221.93	5.36	10,141	869,679	21,012

Mineral Resources Statement Measured + Indicated and Inferred - Remaining Inca (2A + 2B + 2CD)

Classification	Tonnes (t)	Grade		Contained Metal			
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Open Pit							
Measured	-	-	-	-	-	-	-
Indicated	-	-	-	-	-	-	-
M + I	-	-	-	-	-	-	-
Inferred	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-
Underground							
Measured	-	-	-	-	-	-	-
Indicated	8,231	2.63	179.76	4.88	697	47,571	1,292
M + I	8,231	2.63	179.76	4.88	697	47,571	1,292
Inferred	64,046	3.03	108.98	4.40	6,249	224,394	9,054

Mineral Resources Statement Measured + Indicated and Inferred - Stockpile

Classification	Tonnes (t)	Grade		Contained Metal			
		(g/t Au)	(g/t Ag)	(g/t AuEq)	(oz Au)	(oz Ag)	(oz AuEq)
Stockpile							
Measured	-	-	-	-	-	-	-
Indicated	374,003	1.26	74.18	2.19	15,151	891,975	26,301
M + I	374,003	1.26	74.18	2.19	15,151	891,975	26,301
Inferred	-	-	-	-	-	-	-

Notes:

- Effective date April 30, 2024
- Stationary domains were modelled according the lithological and structural continuities.
- Mineral Resources were classified and reported in accordance with the NI 43-101.
- Indicated Resources was declared under a grid pattern of 25 m in the strike direction and 25 m in the dip direction.
- Mineral Resources are defined via optimization.
- A cut-off grade of 1.0 g/t AuEq was defined to mine Stockpiles.
- A cut-off grade of 1.5 g/t AuEq was defined to Open Pit Mining Method.
- A cut-off grade of 2.0 g/t AuEq was defined to Underground Mining Method beneath the open pit shells and optimized using the Vulcan Stope Optimizer.
- Metallurgical recoveries were applied by deposit.

- Selective Mining Unit were defined and built according the underground optimization. Dilution has been incorporated into the SMU.
- A bulk density of 2.5 ton/m³ has been applied to all domains in open pit and underground and 1.8 ton/m³ for stockpile.
- Numbers may not add due to rounding.

15. Mineral Reserve Estimates

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

16. Mining Methods

No detailed study of mining methods has been completed as part of this study. However, mineralisation is at or near surface and at depth. A preliminary pit optimisation as part of this study for the purpose of determining resources with reasonable prospects of economic extraction suggests that part of the deposit may be amenable to open pit mining. Additionally, an underground stope optimization was held and for the purpose of determining resources with reasonable prospects of economic extraction, which suggested that part of the deposit may be amenable to a sub-level stopping mining method. Low grade stockpile are considered to be feasible, assuming variable mining, processing and G&A costs. These stocks were accumulated as a consequence of surface and underground mining processes with accurate operational ore and grade control that provide for reasonable certainty about the low-grade stockpiles.

17. Recovery Methods

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

18. Project Infrastructure

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

19. Market Studies and Contracts

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

20. Environmental Studies, Permitting and Social or Community Impact

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

21. Capital and Operating Cost

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

22. Economic Analysis

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

23. Adjacent Properties

This chapter is not required for a Mineral Resource Estimate Technical Report as per NI 43-101 regulations.

24. Other Relevant Data and Information

In accordance with the requirements established in the regulation, there are no other associated risks, whether legal, political, environmental or technical, that can materially affect the potential development of the resources contained and declared herein.

25. Interpretation and Conclusions

The risk as reflected in the classification of the project MRE is due to several factors. The most material of these is the grid pattern to define resources. According to industry standards, ACL should define the acceptable risk to develop mining activities and compare with the industry standards to define at least indicated resources.

The process of geological modeling was developed by reviewing the most important geological features of the Casposo Property to ensure a reasonable interpretation according to the expression of the geological evidence.

The resources defined in this process were in accordance with industry standards and can provide AGL a well-informed process of mineral resources estimation. Each deposit was geologically modeled and then geostatistically modeled using standard procedures in accordance with the CIM recommendations.

The grid pattern to define Indicated Resources was defined as 25 m in the strike direction times 25 m in the dip direction.

26. Recommendations

It is strongly recommended to follow all the programs and well documented procedures; targeted drilling be undertaken to confirm historic drill results. The drilling includes industry standard monitoring of blanks, standards and field repeats. Frequent rock density measurements in all rock types should be included in all programs. All of these activities should be overseen by a Qualified Person (QP).

It is recommended to extent of surrounding mining activity should be surveyed to allow a confident depletion of the mineral resources.

The reported MRE is made up of open pit resources and underground resources. The open pit and underground resources have been limited by optimisations to demonstrate reasonable prospects of economic extraction. The open pit resources were optimized by pit shell and the underground were optimized using stope optimizer both in Vulcan.

27. References

RPA, 2016: Technical Report on the Casposo Gold-Silver Mine, Department of Calingasta, San Juan Province, Argentina to Austral Gold Corporation. Altman, K., Cox, J., and Moore, Ch. September 2006.