NI43-101 Technical Report
San Francisco Copper Gold Project, San Juan Province, Argentina.

Prepared for

Turmalina Metals Corporation

Vancouver, British Columbia, Canada

Figure 1 San Francisco mine quartz tourmaline breccia and sulphide matrix

by:

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Heathcote, Victoria, Australia

Effective Date: November 17, 2019

Contents

List of Figures

List of Tables

CERTIFICATE OF QUALIFIED PERSON

CERTIFICATE Neil Motton

I, Neil Trevor Motton, MAusIMM, CP Geo., FSEG, do hereby certify that:

1. I am the Principal Geologist and Director of Flitegold P/L registered at:

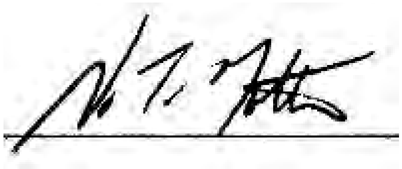
   Flitegold Pty Ltd
   60 Breen Street,
   Bendigo
   Victoria, Australia, 3350.

This Certificate is made in relation to a technical report entitled "NI43-101 Report for Turmalina Metals Corporation on the San Francisco Copper Gold Project, San Juan Province, Argentina" and dated 17th November 2019.

1. I graduated with a Bachelor of Applied Science majoring in Geology from Ballarat University College, Ballarat, Victoria, Australia in 1985 and later gained an Honours Degree in 1989 from the same institution.
2. I am a Member of the Australasian Institute of Mining and Metallurgy (MAusIMM) and I am an accredited Chartered Professional in the field of Geology. I am also a Fellow of the Society of Economic Geologists (FSEG).
3. I have worked as a geologist for a total of 34 years since graduation in the gold, base metals, industrial minerals and environmental management industries including exploration, environmental management, project development, mine geology and engineering services, consulting and public company management. Commodity experience includes copper, gold, silver, molybdenum, lead, zinc, nickel, chromium, silica and industrial quarry products. I have operated throughout The Philippines and Australia and have experience in Peru, Ecuador, Jamaica and Argentina. Of relevance to this Project is my experience of more than 30 years taking part in and managing exploration for copper and gold projects.
4. I have read National Instrument 43-101 and Form 43-101 F1, and the Technical Report has been prepared in compliance with that instrument and form.
5. I have read the definition of Qualified Person set out in National Instrument 43-101 (NI43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfil the requirements to be a Qualified Person for the purposes of NI 43-101.
6. For the purposes of the Technical Report entitled: "NI43-101 Report for Turmalina Metals Corporation on the San Francisco Copper Gold Project, San Juan Province, Argentina", I wrote this report and made the proposals for work contained therein.
7. I visited the property and its field offices from 20th February to 25th February 2019. During the site visit I reviewed the geological maps, drill logs, drill core and all other pertinent data from the archives and I spoke to and interviewed Turmalina's geologists as well as former Petra Gold geologists who previously worked on the project. I also visited the key prospect sites including San Francisco mine, Quebrada Seca, Chorrillos and other sites.
8. At the effective date of the technical report, to the best of the author's knowledge, information, and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.
9. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
10. I am independent of the issuer applying all of the tests in Section 1.5 of NI 43-101.

11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.
12. I have no direct or indirect interest in the property that is the subject of this report and I am independent of the Vendor and the Property.
13. I do not hold shares in Turmalina Metals Corporation or its associated companies.
14. I will receive only normal consulting fees for the preparation of this report.
15. I take responsibility for the item or items presented in this technical report.
16. I have not had any prior involvement with the Property, that is the subject of this technical report.

Dated: 17th November 2019



Signature of Qualified Person

Neil Trevor Motton

1 Summary

The San Francisco property is a 3404-hectare property located in San Juan Province, Argentina within the Frontal Cordillera mountain chain. The San Francisco project is comprised of two separate sets of tenements that have been farmed in to by Turmalina Metals Corporation (TMC). The smaller group of tenements comprised of 24 hectares and covers the old San Francisco de los Andes mine and the surrounding regional tenements of 3375 hectares owned by the Petra Gold Group.

Turmalina Metals Corporation owns 95% of the Argentine company Aurora Mining SA and 5% is owned by Francisco Inacio Azevedo Junior. Aurora (AMSA) is the vehicle through which TMC operate within Argentina.

The current owners of the regional tenements (the Petra Gold group), not including San Francisco De Los Andes and Jose Mario tenements, signed in September 2018 an exploration contract which includes the purchase option with Turmalina Metals Corp (TMC). This contract requires 7000 meters of drilling & USD$1,050,000 to be spent over four years, as well as annual option payments amounting to a total of USD$1.46M over four years to acquire 100% of the regional tenements. They also signed a document and handed on the mining authority, in which to authorize the exploration of the mining right to Aurora Mining SA (A 95% Argentine subsidiary of TMC) and the owners are voluntarily inhibited from executing any other act or contract against the mining authority.

As a separate contract, the current owners of the San Francisco De Los Andes (Cerro Negro SRL) and Jose Mario tenements (Mr. Ricardo Meritello), signed in September 2018 an exploration contract which includes the purchase option with TMC. This contract requires USD$2,050,000 to be spent over four years, as well as annual option payments amounting to a total of USD$1.445M over four years to acquire 100% of these tenements. They also signed a document and handed on the mining authority, in which to authorize the exploration of the mining right to Aurora Mining SA (A 95% Argentine subsidiary of TMC) and the owners are voluntarily inhibited from executing any other act or contract against the mining authority.

The geology at San Francisco consists of Late Permian diorite, granodiorite and quartz monzonite intrusives emplaced into Carboniferous sediments of the Agua Negra Formation. The intrusive rocks are part of a regional magmatic suite that are known to host porphyry-style copper and tourmaline breccia polymetallic base and precious metal type mineralization. Mineralization at the San Francisco project is of the tourmaline breccia style, but also includes quartz veins, which are predominantly gold, silver and copper rich that are considered to be synchronous to the mineralization of the tourmaline breccias.

The exploration concept at San Francisco is to test the multiple breccia pipes present within the project, which may create sufficient ores for a central processing facility.

To date five companies have conducted small scale mining or exploration at the San Francisco project, collecting over 2000 rock chip and soil samples. Two independent ground geophysical surveys have been completed with IP geophysics over various target areas and three limited drilling campaigns have occurred within the project, all with encouraging results for a total of 22 holes. Seven historic holes have been drilled at the San Francisco copper-gold mine and the remaining holes have been drilled as scout holes on various prospects.

The best historic drilling results are summarised as follows;

Hole ID	From	To	Interval	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Prospect	Assays
DDH05	44.35	84.25	39.90	3.88	71.14	10958	2377	946	918	San Francisco	resampled
DDH_P2	25.65	66.00	40.35	4.88	43.36	8323	4630	2373	470	San Francisco	old
DDH04	42.50	74.25	31.75	3.05	56.26	9829	5872	3485	359	San Francisco	old
DDH02	35.55	92.65	57.10	2.04	118.91	4669	21931	5753	147	San Francisco	resampled
DDH-ET-0801	109.3	157.3	48.00	0.02	4.74	6279	1160	949	14	Chorrillos	

Table 1 Best historic drill Intersections from the San Francisco Project.

The historic drilling results confirm that the San Francisco mine has the potential for a polymetallic medium to high grade deposit, which is limited in area extent but probably vertically continuous. Chorrillos appears to be similar in style but predominantly copper mineralised based upon the results to date. Mineralization within the vertical breccia pipes is largely vertical and so these intersections do not constitute true widths and in some cases the drilling is actually down dip (i.e. vertical).

More recently TMC conducted an underground resampling program at San Francisco de los Andes with 120 channel rock samples and 70 rock chip samples being collected and analysed. This sampling confirmed the earlier work in terms of the distribution of the mineralization but used better assay techniques.

This year, recent drilling by TMC with 10 holes drilled at the San Francisco de Los Andes (SFdLA) deposit has confirmed the downward continuation of the breccia and shown that in some sections the breccia pipe flares out downward. A scout hole (SFDH10) drilled to the northwest of the main mined area has encountered further tourmaline breccia mineralization, which requires further assessment. The significant drill intersections are presented in the following table using a 0.5ppm Au cut-off grade, with a minimum downhole length of 2m and a maximum waste inclusion of 2 consecutive meters (Table 2).

Hole ID	From	To	Interval	Width	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
SFDH-001	34.50	71.45	36.95	22.76	6.31	122.49	8815	2336	464	2550
SFDH-002	27.70	114.00	85.30	29.49	4.43	109.03	7862	4931	519	1237
SFDH-003	44.25	95.00	50.75	27.60	3.62	81.86	19020	2826	1484	1309
SFDH-003	117.00	123.00	6.00	3.25	0.86	12.83	179	3774	1112	5
SFDH-003	146.00	149.00	3.00	1.62	1.37	346.67	8973	14687	11080	5278
SFDH-004	0.00	18.00	18.00	6.05	0.84	5.74	162	596	217	37
SFDH-004	28.00	39.00	11.00	3.80	1.71	12.32	3808	1094	97	98
SFDH-004	54.00	56.00	2.00	0.69	0.91	29.30	6535	471	1404	67
SFDH-004	59.00	69.00	10.00	3.42	1.63	72.98	5362	7670	6077	122
SFDH-004	75.00	126.65	51.65	17.70	1.31	80.48	5303	10148	9194	565
SFDH-005	0.00	25.00	24.00	8.56	2.46	13.35	1004	643	121	287
SFDH-005	33.00	119.00	85.00	29.43	2.65	87.66	5736	6975	1620	165
SFDH-006	50.50	81.00	30.50	15.26	1.35	60.07	3386	10496	9002	215
SFDH-007	56.48	84.00	27.52	11.59	3.00	124.31	3686	8462	3010	487
SFDH-007	107.00	122.00	15.00	6.34	1.04	46.69	3654	6201	9016	33
SFDH-007	135.00	138.00	3.00	1.27	0.91	3.16	4629	221	541	2
SFDH-007	141.00	145.00	4.00	1.68	0.58	18.27	960	11123	2834	11
SFDH-007	150.00	155.00	5.00	2.10	1.13	52.92	5206	4246	1394	41

SFDH-007	158.00	166.00	8.00	3.37	0.83	444.25	24536	15244	8810	4847
SFDH-008	22.00	24.00	2.00	0.52	1.53	9.66	357	2893	125	60
SFDH-008	62.78	81.00	18.22	4.72	2.10	66.45	5514	3132	1273	521
SFDH-008	105.00	107.00	2.00	0.51	1.89	6.70	360	798	1668	10
SFDH-008	114.00	123.00	9.00	2.33	0.60	24.25	4775	638	2532	13
SFDH-008	132.00	142.00	10.00	2.60	0.85	19.92	6463	1303	811	6
SFDH-008	145.00	159.00	14.00	3.61	0.79	10.07	2276	2592	1508	14
SFDH-008	162.00	166.00	4.00	1.04	0.52	11.57	1754	4467	27058	14
SFDH-008	169.00	187.00	18.00	4.67	0.61	19.02	2962	506	312	6
SFDH-008	190.00	201.00	11.00	2.81	0.73	31.65	4116	542	321	22
SFDH-009	70.00	74.70	4.70	1.61	2.05	71.06	8983	1984	1436	4789
SFDH-010	38.00	42.00	4.00	1.70	0.65	45.86	3663	2077	363	315
SFDH-010	60.60	64.14	3.54	1.50	1.62	78.29	15415	3127	2075	3236
SFDH-010	176.00	178.00	2.00	0.84	6.38	6.92	520	252	142	94

Table 2 TMC 2019 drilling significant intercepts

In terms of the overall project, previous mapping programs have established that there are 62 breccia outcrops of elongated to circular shapes and ranging up to 6.3 hectares in areal extent mapped within the project. Most of these mapped breccias have never been sampled and this indicates that the project has considerable potential for the discovery of further polymetallic base and precious metal tourmaline breccia pipe type deposits.

Based on an analysis of the compiled data there are various recommendations for exploration & resource definition, which are;

1. Source all the previous reports of previous exploration and digitally integrate the data
2. Complete the regional geological mapping to cover the entire tenement at 1:5000 scale
3. Complete the stream silt sediment geochemistry coverage over the remainder of the property and to integrate this data with the existing coverage.
4. Carry out a rock chip and assay survey of all discovered and known tourmaline breccias to establish mineralization and priorities.
5. Complete deeper, more extensive and more comprehensive resource drilling program at the San Francisco de Los Andes mine and also minor confirmatory exploration drilling at the Chorrillos prospects.
6. Carry out exploration drilling of prospects that have been established as prospective based upon the reconnaissance work listed above.

The initial year's budget is aimed at achieving most of these listed objectives that have been compiled, which amounts to USD$1.5 million and includes further diamond drilling program at the San Francisco de Los Andes deposit. The second year's budget amounts to USD$1.0M and includes 500m drilling at Chorrillos prospect and other yet to be determined areas for 3000 meters of diamond and RC drilling.

2 Introduction

This report has been prepared for Turmalina Metals Corporation (TMC). The purpose of this report is to:

1. provide an independent evaluation of the San Francisco project,
2. provide a review of the past exploration and discovery potential in that area,
3. outline its relevance and adequacy to assess the mineralization potential of the area, and
4. provide recommendations for future work.

This report conforms to the guidelines set out by the National Instrument 43-101 Standard of Disclosure for Mineral Projects (NI 43-101).

The data presented and utilized by the author comes principally from the companies Minera Aguilar (Argentina) S.A. (Minera Aguilar) who farmed into the San Francisco mine tenements and Petra Gold, TNR Gold Corp. and their associates, who held the regional area under various mining claims for many years or through joint venture arrangements between them.

The information presented includes;

1. geological, topographical and mine maps,
2. legal and mineral tenement information
3. drilling data, including geological logs, sections and assays
4. geochemical data of soil, rock and streams sediment samples, including descriptions, locations and assays.

The geochemical data has been compiled by combining the information from the two principal sources, to create a comprehensive historical geochemical database. The integration of this data has led to a better understanding of the project coverage and standardized the information for direct comparison.

There are apparently five reports covering the larger mining claims held variously by Solitario, TNR and Petra Gold since 1995. These reports are summarized by Wyck in the 2008 report "NI43-101 report for TNR Gold Corp. on the El Tapau prospect area, San Juan Province, Argentina."

The author spent two days at the property from February 20th to February 25th, 2019, as well as three days visiting three locations where drill cores were held in San Juan. The field work included an inspection of the surface and underground workings at the San Francisco mine as well as site visits to Chorrillos, Quebrada Seca and various other locations of interest, such as other tourmaline breccia locations.

3 Reliance on other experts

In the preparation of this report, the author has relied upon public and private information provided by Turmalina Metals Corporation (TMC), which has sourced most of its information from Cerro Negro SRL (the current San Francisco mine owner, through Anitilde Irene Bertagni) and Petra Gold regarding the property.

The information on the registered mining claims described in Section 4 was derived from TMC management report, which is titled "Description and Location of the Property". This report from 2019 has a summary of the mineral tenure procedures and types of tenements applicable in Argentina, which is followed by individual tenement summaries for each property held within the project. An independent legal opinion was provided by a memo dated July 18, 2018 prepared by the Argentine law firm Bastias Yacante Abogados. The topic of the memo was the legal status of the El Tapua blocks held by Petra Gold & its associates as well as the San Francisco de los Andes claim blocks. This report has a full legal history of each individual tenement. The author believes to the best of his knowledge and experience that these data are correct. The author therefore fully relies on the legal opinion of Bastias Yacante Abogados for the purposes of the tenure of the project.

No information on existing environmental liabilities and work permits has been provided by TMC management, but according to the legal opinion of Bastias Yacante Abogados, the work permits have been lodged and are pending permission, which should not be unreasonably withheld.

Any map that is not source referenced has been created by the author as evidenced in the title-block of those maps. All maps are north facing.

It is the author's opinion that the information provided and relied upon for preparation of this report is accurate and that interpretations and opinions expressed in them are reasonable. The author considers that the information is consistent with a reliable exploration history and that the tenure of the granted properties is reliable. The author notes that some properties have taken a considerable time to be granted, but the causes for this are not known.

4 Property Description and Location

The San Francisco property is located in the Calingasta Department in the west-central San Juan Province of Argentina, approximately 130 km northwest from the capital of San Juan and 55 km north-northwest from the town of Calingasta at approximately 30° 50' S, 69° 36' W (Figure 2). This map was originally compiled by the Instituto Geografico Nacional of Argentina, and was sourced from the San Juan Tourism authority and is undated, but considered to be accurate.

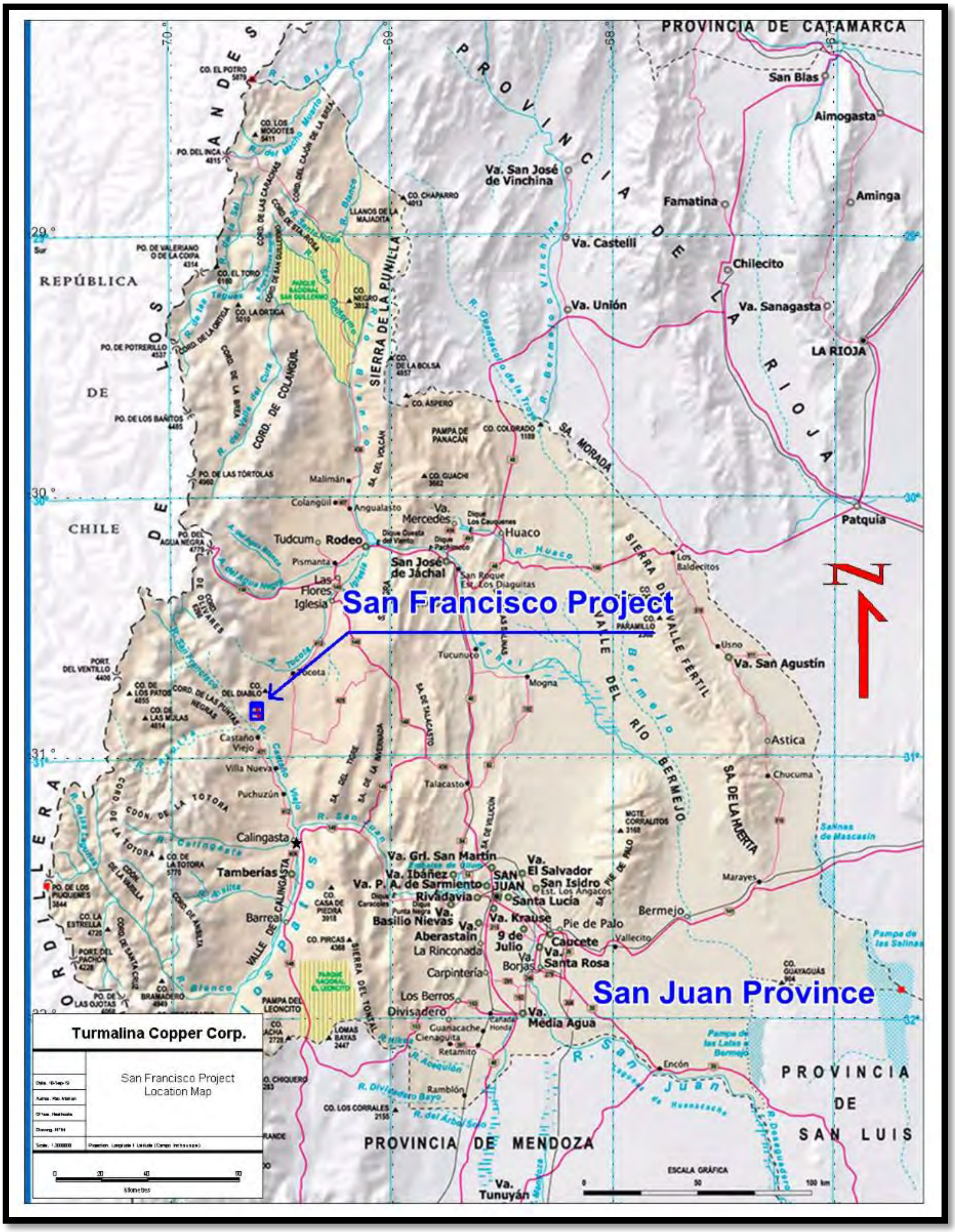


Figure 2 San Francisco Project Location and Access Map

The project is accessed by Provincial Route N°412, 30 km in North direction driving thorough Puchuzún and Villa Nueva. From Villa Nueva and continuing on PR412 on a dirt road, there is a detour after 17 km to drive west. This is an unmaintained path that takes you to the area of work.

With the current road conditions, it takes 1.5 hours from Calingasta to San Francisco de los Andes area, 2 hours to Quebrada Seca and 2 hours to El Chorrillo Breccia.

The property consists of six mining claims (tenements) for 3404 hectares (Table 3), not including the various small prior mining claims. Data provided to the author by TMC showed 4 separate areas of small claims blocks within the larger claims listed below (Figure 3).

Tenement	Current Owner	Area (ha)	Legal Status
MD "CUPRO I (File N° 545.630-P-1994)	Petra Gold SM SRL & Associates	1439.3	Application date June 1, 1994. Concession for exploitation right granted 22/3/2005. EIA submitted 21/01/2019. Canon payment due December 31, 2019 of USD$400.00 and half yearly thereafter.
MD "CUPRO II (File N° 545.631-P-1994)	Petra Gold SM SRL & Associates	1245.7	Application date June 1, 1994. Concession for exploitation right granted 17/05/2011. EIA submitted 21/01/2019. Canon payment due December 31, 2019 of USD$350.00 and half yearly thereafter.
MD "SOLITARIO II (File N° 0258-C-1996)	Petra Gold SM SRL & Associates	388.0	Application date 15/5/1996. Exploitation permit application in preliminary stage & is therefore not yet granted
MD "JARILLA" 1124.297-B-2018	Aurora Mining SA	404.82	Exploration permit application in preliminary stage & is therefore not yet granted.
Excised area (prior claims)		73.84	
Net Area		3403.98	
Including;			
MD "SAN FRANCISCO DE LOS ANDES (File N°271-M-1941)	Anatilde I Bertagni - Cerro Negro	18	Application date 31/10/1941. Concession granted 13/11/1941. EIA submitted 03/12/2018. Canon payment due December 31, 2019 of USD$16.00 and half yearly thereafter.
ESTACA MINA "JOSE MARIO" (File N°156.884-L-1973)	Anatilde I Bertagni - Cerro Negro	6	Application date 7/9/1973. Concession granted 11/04/1975. EIA submitted 03/12/2018. Canon payment due December 31, 2019 of USD$6.00 and half yearly thereafter.
ESTACA MINA "HUGO MIGUEL" (FILE Nº 156.883-L-73)		6	Expired, now part of Cupro II

Table 3 List of Tenements comprising the San Francisco Project

A complete legal due diligence report was prepared for the project by Bastias Yacante Abogados dated July 18, 2018. This report contains a complete legal history of each of the mining tenements.

The current owners of the regional tenements (the Petra Gold group), not including San Francisco De Los Andes and Jose Mario tenements, signed in September 2018 an exploration contract which includes the purchase option with Turmalina Metals Corporation (TMC). This contract requires 7000 meters of drilling & USD$1,050,000 to be spent over four years, as well as annual option payments amounting to a total of USD$1.46M over four years to acquire 100% of the regional tenements. They also signed a document and handed on the mining authority, in which to authorize the exploration of the mining right to Aurora Mining SA (A 95% Argentine subsidiary of TMC, with the other 5% owned by Francisco Inacio Azevedo Junior) and the owners are voluntarily inhibited from executing any other act or contract against the mining authority.

The legal opinion states that there is an NSR of 2% on the Cerro Negro Mining Concessions in favour of Anatilde Irene Bertagni, with an option to repurchase 55% of the NSR (being 1.1% of the NSR) for a cash payment of US$2,500,000, maintaining the remaining 0.9% NSR. There is also a further 2.5% NSR on the mining concessions CUPRO I, CUPRO II, SOLITARIO II, and JARILLA, which are the concessions forming the El Tapau area, in favour of Petra Gold Servicios Mineros S.R.L., Gustavo Pezzani, Carlos Pinto, Mauricio Esteban Pinto, Pedro Ricardo Pinto, Cesar Daniel Terusi and Nestor Weidmann. The 2.5% NSR may be repurchased in whole for a cash payment of US$2,500,000, which may be made at any time.

As a separate contract, the current owners of the San Francisco De Los Andes (Cerro Negro SRL) and Jose Mario tenements (Mr. Ricardo Meritello), signed in September 2018 an exploration contract which includes the purchase option with TMC. This contract requires USD$2,050,000 to be spent over four years, as well as annual option payments amounting to a total of USD$1.445M over four years to acquire 100% of these tenements. They also signed a document and handed on the mining authority, in which to authorize the exploration of the mining right to Aurora Mining SA (A 95% Argentine subsidiary of TMC) and the owners are voluntarily inhibited from executing any other act or contract against the mining authority.

There are no occupiers of the project land and therefore landowner access compensation agreements are not required.

Figure 3 San Francisco Project Tenement map (TMC, 2019)

4.1 Mining Law

A mining concession allows its holder to carry out exploration and exploitation activities within the area established in the respective concession title, provided that prior to the beginning of any mining activity, such concession title is granted by the Mining Authority.

According to the National Mining Code (NMC) there are two types of mining rights, the Exploration and Exploitation concessions, both being exclusive.

The Exploration concession: the holder of the right can explore the area during the period granted. In case of discovering a mine, the holder has an exclusive right to apply for an Exploitation concession.

The period of the Exploration Permit, depends on the extension of the area applied. The maximum extension allowed is 10,000 hectares, which are divided into unit of measurements of 500 hectares each. For the first unit granted, the valid period is 150 days and for the following unit of measurements, 50 days are added for each unit. A relinquishment must be made after the first 300 days, and a second one, after 700 days being elapsed. The applicant should pay the canon fee, submit a minimum working plan to be performed, and hand in an environmental impact assessment. Exploration concessions are granted for a fix period of time, based on the extension of the area applied and there are no renewal or extensions of the term originally granted. Moreover, the licensee cannot apply again for the same area until a year has elapsed. Therefore, the next step in the process, provided a mine is discovered in the exploration area, is to apply for the Exploitation right as described hereunder.

The Exploitation Permit has no time limit provided the holder complies with the requirements of law, which are basically, the annual payment of a canon, the compliance of the working and investment plan, and the submission of an environmental impact assessment (EIA) that must be updated every two years. There are different ways of acquiring an Exploitation permit:

1. By discovering a mine as a consequence of an exploration process as described above.
2. When a mine is discovered by chance, that is, without an exploration process.
3. When an Exploitation right has been declared and posted in the register as “vacant” due to a non-compliance with the requirements settled by law.

4.2 Mining obligations

Holders of mining activities must comply with several obligations established in the Mining Law and its regulations during the two stages settled for the mining activity. Note that according to the Argentine mining legislation the principle “prior in tempore prior in jure” is the rule. Therefore, provided there are no overlapping and the legal proceedings are fulfilled, there are practically no risks for the first applicant, to get the concession in due time. The exploration and the exploitation stages are going to be described separately for clarification purposes.

4.2.1 Exploration Permit

Field delimitation work: Once the exploration permit has been issued, the titleholder has 30 days for making the delimitation of the property through the pertinent field work.

Minimum Working Plan: Together with the application permit a minimum working plan has to be submitted describing the activities, number of workers, etc., that are going to be used for carrying out the exploration activity.

Payment of the Canon (validity fee): This payment must be done with the presentation of the application permit, only once. If an overlapping exists, and the concession cannot be issued, the applicant gets the reimbursement of the money.

Environmental Impact Assessment: This EIA is for the exploration process only. Therefore, the requirements are related to the exploration works proposed and settled in the regulations.

This presentation is due only when the concession is granted and before starting with the field work.

4.2.2 Exploitation Permit

Under the Mining Law there are three main obligations that the titleholders should fulfil in order to keep its mining right. The non-compliance may result in the cancellation of the exploitation permit.

Payment of the canon:

The canon is a payment that holders of mining exploitation rights are obliged to make, in advance, twice a year -before June 30 and December 31- of each year, in two equal instalments. Failure to comply with this obligation for fourteen months results in the cancellation of the mining right.

However, the title holder can recover the mining right during 45 days after being notified by the Mining Authority, by paying the canon plus 20 % charge as a fine.

According to the NMC the amount to be paid is ARS$ 800 (USD$18.56) per unit of disseminated tenement (pertenencia).

When a new mine is discovered the owner has 3 years free of canon payment.

Legal Labour and Legal Survey:

In order to perfect the Exploitation title, the holder should fulfil the following steps settled by law:

- Within 100 days or if extension is applicable, the concession holder should perform the legal labour, consisting basically in a field work which will allow the delimitation of the mine.
- Having elapsed 30 days from the legal labour delimitation, the holder should apply for the legal survey. The Mining Director should authorize the professional that will carry out the work and fix the day that it will take place. Once the work is done, the Director will approve it and the title of the concession will be perfected after being registered in the Mining Cadaster. The failure to comply results in the cancellation of the mining right.

Working and Investment Plan:

Holders of exploitation concessions are obliged to submit a working and investment plan to achieve a minimum production equivalent to 300 times the annual canon paid, within five years following the year in which the application of the legal survey is submitted. During each of the first two years the amount of the investment shall not be less than 20 %, and the rest of the investment (60 %) freely distributed during the remaining three years.

Every year, an affidavit describing the investment done should be submitted to the Mining Director. If the affidavit is not submitted or does not correspond with real investment, the license expires and the mine is declared vacant, unless the holder amends the mistake or omission during 30 days, since the notification of the Mining Director has been received by the holder.

When the mine remains without activity during 4 years the Authority could ask the titleholder for the presentation of a "Reactivation Plan." The obligation should be fulfilled within 6 months otherwise the mine is declared vacant. The owner should comply with each stage as described in the plan, which cannot exceed of 5 years.

Environmental Impact Assessment (EIA)

The EIA for the Exploitation permit period should be handed in once the concession has been granted and before starting with the field works, according to the requirements settled by law.

Every two years the EIA should be updated. The failure to comply will carry the imposition of penalties such as fines and warnings.

Mining properties and Surface properties:

As a principle, the Mining Code states that the mining activity is of public benefit. Therefore, the surface rights are subordinated to the mining ones. For this reason, the owner of a mine has the right to sue the land owner for the expropriation of the surface land.

5 Accessibility, Climate, Local Resources, Infrastructure & Physiography

San Francisco is located in mountainous terrain with elevations ranging from 2300 to 3200 meters above sea level. It is a desert climate with a median annual rainfall of 75 mm, although occasional flash floods do occur. Vegetation is minimal. The rainy season is generally short and occurs from October to March. The median temperature is 15°C. The summers are generally warm, ranging from 20°C to 30°C and winters are dry and cold with lows reaching -5°C.

Access to the property from San Juan is via 150 km of paved roads from the provincial capital city to Calingasta. The driving time from San Juan to Calingasta is approximately two hours and then approximately two hours from Calingasta to San Francisco Project, via Villa Nueva. Calingasta to Villa Nueva is about 33km of sealed road, then there is 30km dirt road to the project area, which is in need of repair due to seasonal flooding.

San Juan has an airport with daily flights to Argentina's capitol city, Buenos Aires, although the closest international airport is Mendoza, which is 150 km south of San Juan. San Juan is a major city with a metropolitan population of 450,000 inhabitants. The university in San Juan contains a geology department, and is therefore an excellent source of qualified mining professionals. The project occurs within the municipality of Calingasta, with a population of approximately 8000 inhabitants, and the Calingasta town itself is located approximately 55 km south of the project area and is a potential source for a non-technical workforce. The nearest town to the project is Villanueva, where Turmalina's subsidiary company, Aurora Mining SA has a field camp. Calingasta is on the national electric power grid.

The boundary between Argentina and Chile is defined by the topographic divide running along the spine of the Andes. Traversing eastward from the border one steps down and across a series of north-south trending mountain chains - San Francisco is located on the leading eastern edge of one of these chains known as the Frontal Cordillera. Across a gravel filled pediment to the east lies the Pre-cordillera range.

The drive from San Juan to the San Francisco property affords the viewer a remarkable transect across an active fold and thrust belt. Deformation and uplift are occurring at present - in 1944 an earthquake levelled the city of San Juan, and at the San Francisco property, thick foreland-basin filling gravels mapped as Plio-Pleistocene in age are actively being eroded as a response to the rapid uplift.

The San Francisco property has ample areas for water and tailings storage in the various dry valleys as well as sites suitable for mine buildings or processing facilities. Being in a desert environment, water is fairly scarce and could be problematic for a large milling operation, however at lower elevations of the property, the Castaño Viejo River flows all year. The Castaño Viejo River is a tributary to the San Juan River, which is the main water source for the city of San Juan and the majority of the population within the province. It is not known if there is significant ground water that could be used.

6 History

The San Francisco property has evidence of historic mineral development dating from the 1940's. The two largest mines are the San Francisco de Los Andes (San Francisco) and Amancay mines. San Francisco operated from 1941 to 1980 and produced 2420 tons of material grading 6-7% copper and 1.43% bismuth (Lara, 2006). Compania Minera Aguilar evaluated the San Francisco mine, through underground development, mapping, sampling and drilling (Lencinas, 1990) (Figure 4). Compania Minera Aguilar considered that a 35m thick copper, gold, silver, lead and zinc supergene deposit was likely to occur based on the drilling and underground sampling they carried out. TMC carried out resampling of the original drill core from two of the holes, which has shown that the assay technique used by Minera Aguilar was unreliable (Section 14.2), therefore any previous resource estimate based upon this information would not have been valid.

No published information is available on the Amancay mine production, but the size and type of workings indicate a similar small tonnage-high grade operation. There are numerous other small prospect pits and exploratory adits on the property (Wyck, 2008).

During the later production phase of the San Francisco mine Mr José Mario Leonardi had a small processing plant at the nearby river where they extracted a crude copper & bismuth concentrate. A laboratory and processing plant were also operated by the company, in San Juan. This is where the drill core is currently stored.

Two vertical holes were drilled prior to 1990, by the Argentinian Mines Department, at San Francisco mine for a total of 320 meters (Figure 4). In 1990, Minera Aguilar carried out a drilling program on its San Francisco mine, with seven holes drilled for 421.6 meters.

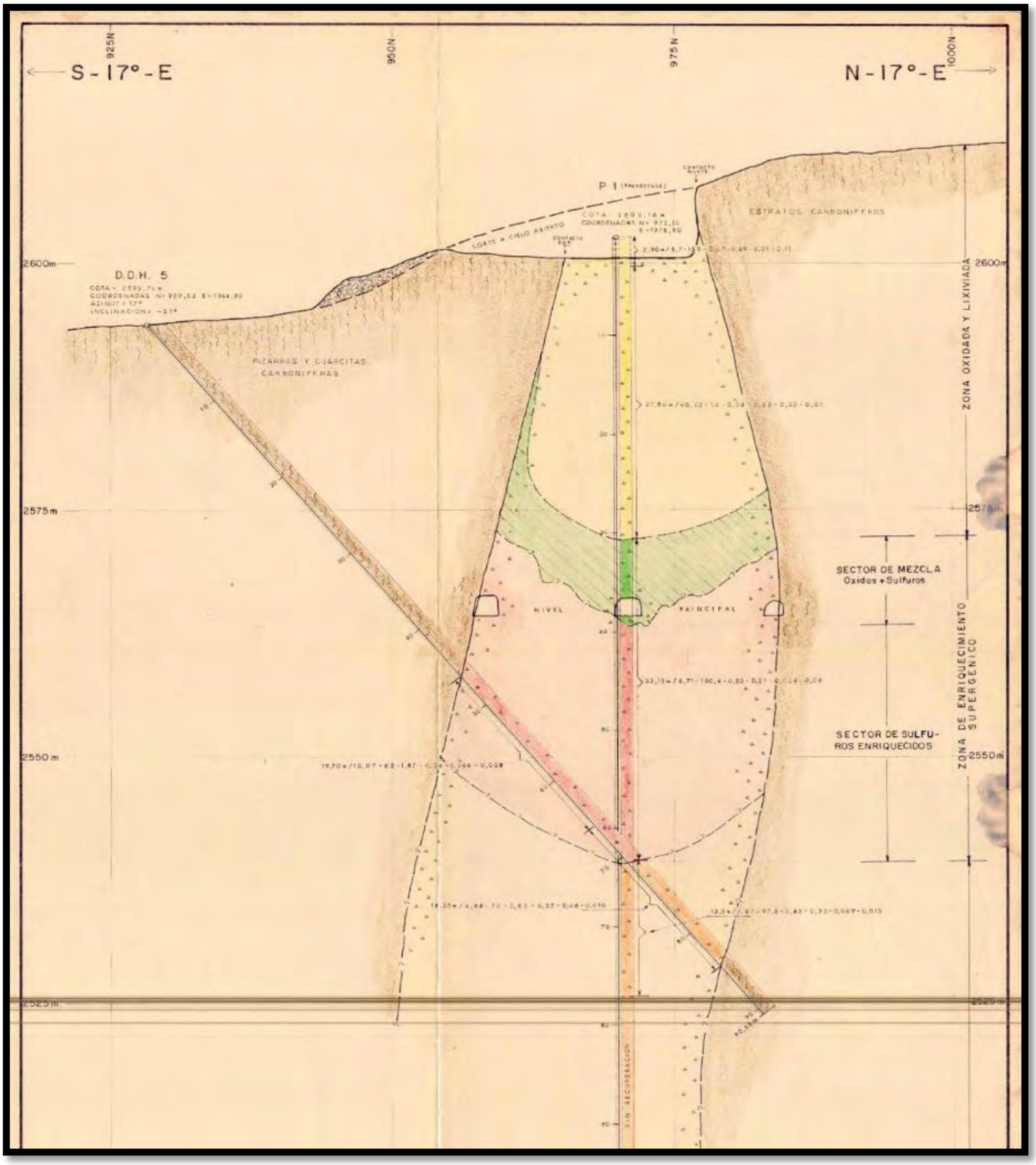


Figure 4 Historic geological interpreted drill section of the San Francisco mine (Lencinas, 1990)

6.1 Regional Exploration History

Apart from Wyck's 2008 report on the regional tenements, the other reports are as follows.

In 1995, it appears Compania Minera Solitario Argentina, farmed the project to Denver-based Crown Resources Corporation, which conducted a property-wide geochemical survey consisting of 205 widely spaced samples. An IP survey was run in the northern half of the Solitario II claim block and five reverse circulation percussion drill holes were conducted for a total meterage of 632 meters designated CN-95 series (Drinkard, 1996). The objectives of the drilling campaign were to evaluate the copper porphyry potential associated with a group of tourmaline-breccia pipes located in the northern Solitario claim and further north. At the time of the drilling campaign the company believed that the tourmaline breccias were surface expressions of deeper porphyry copper deposits. Two holes were drilled at the main Chorrillos breccia pipe, and the other three holes were drilled on three separate nearby breccia pipes (Figure 5) (Wyck, 2008).

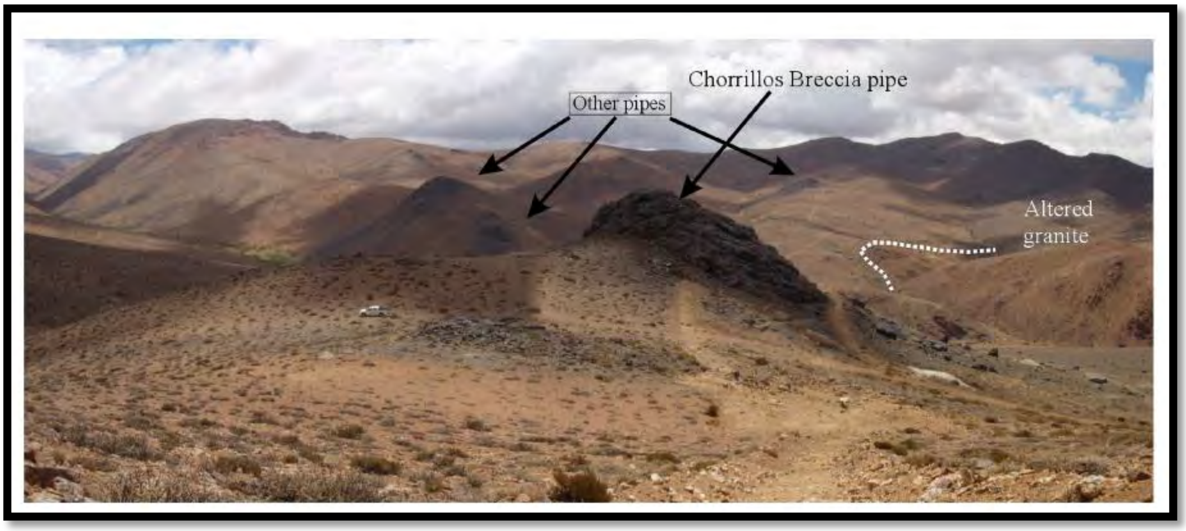


Figure 5 Photo of the Chorrillos prospect looking north (Wyck 2008)

The oldest report (Drinkard, 1996) summarized the results of exploration for Solitario Resources. This phase of exploration consisted of five drill holes, four of which are now included in the current claim block. Following this work, no further studies were performed and the property was allowed to lapse. This report is not available.

In 2005 a smaller claim block was reacquired and a new exploration model proposed Lara in his 2006 report, which isn't available.

Buenaventura, an exploration group independent of TNR Gold., spent two weeks exploring the claim block and produced a thorough report (Buenaventura, 2007), consisting of 41 pages of text, maps and figures with assay results from 416 rock and soil samples. This report and database information are available.

There have been two geophysical surveys over the project area; an earlier IP and ground magnetometer survey by Quantec Geophysics (Jones, 1996), and a second 3-DIP geophysical survey was completed by SJ Geophysics (Chen, 2008) at the request of TNR Gold. None of the geophysics reports are currently available.

In 2005, Petra and a local geologist acquired part of the original property from the Pinto family, Tersusi and Weidman group. These tenements form the majority of the current San Francisco project and the claim blocks contain a considerable number of tourmaline breccia outcrops, that are presumed to be pipes, including the areas with the best drill intercepts described by Solitario.

In 2006, Petra conducted a sampling program in the central part of the property on a series of structurally controlled, east- to northeast-striking tabular quartz veins. The sampling program delineated an area of 2500 m by 1000 m where hand selected quartz vein samples returned gold mineralization averaging 2.23 g/t.

TNR Gold Corp. appears to have purchased Compania Minera Solitario de Argentina S.A. from Solitario Resources Corporation (currently Solitario Zinc Corp.), pursuant to an agreement dated

May 28, 1998. Roberto Lara graduated from Universidad Nacional de San Juan in geology and has been involved in the mining industry in South America since 1988, mainly in the province of San Juan, Argentina. He previously was chief geologist for Crown Resources USA and consulted to numerous resource companies. Presently Mr. Lara is Vice President of Compañia Minera Solitario Argentina S.A., TNR Gold's 100% subsidiary.

In June 2007, TNR Gold Corp.'s subsidiary Solitario hired a consulting geologist to perform a reconnaissance mapping and sampling program to evaluate the economic potential of the property (Osmani, 2008). Results of this work returned highly anomalous gold and base metal values and confirmed the results reported by Petra in 2006.

On August 30th 2007, TNR Gold Corp. announced that it has signed an option agreement to acquire a 70% interest in the El Tapau property, as the San Francisco properties were known then.

"TNR personnel recently completed a reconnaissance trip to the property in order to evaluate its mineral potential and design a program for further exploration. The Tapau claim contains veins and porphyry style stockwork that are mineralized with gold and copper. Initial investigations indicate a large mineralized system situated below the auriferous veins found in the northeast part of the claims. Systematic rock chip (157 samples) along this zone, over an area of 600m long by 400m wide, has yielded gold values ranging from trace to 19 g/tonne with the average value being 2.2 g/tonne. Sample analysis was done by Alex Stewart Assayers, Argentina S.A. Numerous historical underground copper mines are located on the claim, and quartz stockwork zones are common throughout the project area. Historical IP done by Quantec indicates a strong large chargeability high, approximately 1.5 km by 2.0 km (east-west) in extent, underling this area, and is open to the west."(https://tnrgoldcorp.com/2007-news/acquisition-and-exploration-of-the-el-tapau-gold-project-argentina/)

This work was followed by a 3D IP survey on the property in November-December 2007 (Chen, 2008).

In 2008, a drilling program was conducted by Petra with seven diamond drill holes (ET08 series) being drilled at various locations. The first two holes were drilled at the Chorrillos tourmaline breccia prospect in the northern Solitario tenement. These holes were carried out as follow up to the drilling conducted by Solitario in 1995. A third hole was drilled 900m southeast of the San Francisco mine at an unknown target and the remaining four holes were drilled a the Quebrada Seca prospect where the soil and rock chip sampling of 2005 to 2007 had been encouraging. The Quebrada Seca four holes appear to target the various east west striking quartz veins prevalent in the area. The best results were recorded in the first hole at the Chorrillos tourmaline breccia with 48m intersecting 0.63% Cu from 109.3m depth (Table 4). The composite intersection presented for holes DDH-ET-801 and 802 are based upon a 1000ppm Cu cut-off grade and an internal waste maximum of 3 meter as well as a minimum 3-meter length. This intersection including six assay intervals that were above the detection limit of 1% Cu, and therefore the intersection average value is understated.

The orientation of the mineralization at Chorrillos and Chorrillos SW are assumed to be vertical as they form part of the vertical tourmaline breccias present, whereas the orientation of the mineralization at Quebrada Seca is not known and appears to be hosted by quartz veins or veinlets in various orientations that are relatively small. For the overall mineralization encountered at Chorrillos in drill hole DDH-ET-801, the estimated true width is 37.5m, and for Chorrillos SW drill hole DDH-ET-802, the estimated true width this 4.5m, but this width is also going to vary according to where the hole is drilled in relation with the circular nature of the pipes.

Hole	From	To	Length	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Location
DDH-ET-0801	97.20	103.70	6.5	0.01	1.1	4455	80	8	9	Chorrillos
DDH-ET-0801	109.30	157.30	48.0	0.02	4.7	6279	1160	949	14	Chorrillos
DDH-ET-0801	162.30	172.30	10.0	0.02	4.9	2116	985	1205	26	Chorrillos
DDH-ET-0802	40.00	52.10	12.10	0.01	0.8	2172	104	39	166	Chorrillos SW
DDH-ET-0803	no significant intersections									San Francisco SE
DDH-ET-0804	100.70	101.70	1.00	0.36	5.32	153	1195	2103	2.5	Quebrada Seca
DDH-ET-0804	127.40	128.20	0.80	9.15	78.98	2260	4658	651	145.4	Quebrada Seca
DDH-ET-0804	295.40	297.30	1.90	2.03	24.45	595	5827	3590	11.37	Quebrada Seca
DDH-ET-0805	93.20	94.70	1.50	0.96	0.25	113	23	90	2.5	Quebrada Seca
DDH-ET-0806	23.00	24.60	1.60	0.51	4.22	73	2563	378	20.3	Quebrada Seca
DDH-ET-0806	36.60	38.10	1.50	0.22	0.73	117	155	524	16.9	Quebrada Seca
DDH-ET-0807	57.00	57.90	0.90	1.77	6.36	262	496	1064	13.3	Quebrada Seca
DDH-ET-0807	127.70	129.00	1.30	0.21	31.58	163	1789	1609	339.8	Quebrada Seca

Table 4 Petra drilling significant intersections

In July 2009, Solitario completed mapping of the northern package of tenements which comprise the current San Francisco Project at a scale of 1:5000 (Figure 6), with the exception of the southern tenement Cupro II. Another undated geological map at 1:5000 scale was also completed by David Sebastian Juarez, a student from the University of San Juan, which covers the Solitario II tenement. Note that in areas of overlap between the two mapping programs there is some inconsistencies in terms of the location and size of the breccia outcrops. Both these maps are in the Gauss Kruger (Argentina) Campo Inchauspe Zone 2 Projection and Grid, with north up the page accordingly.

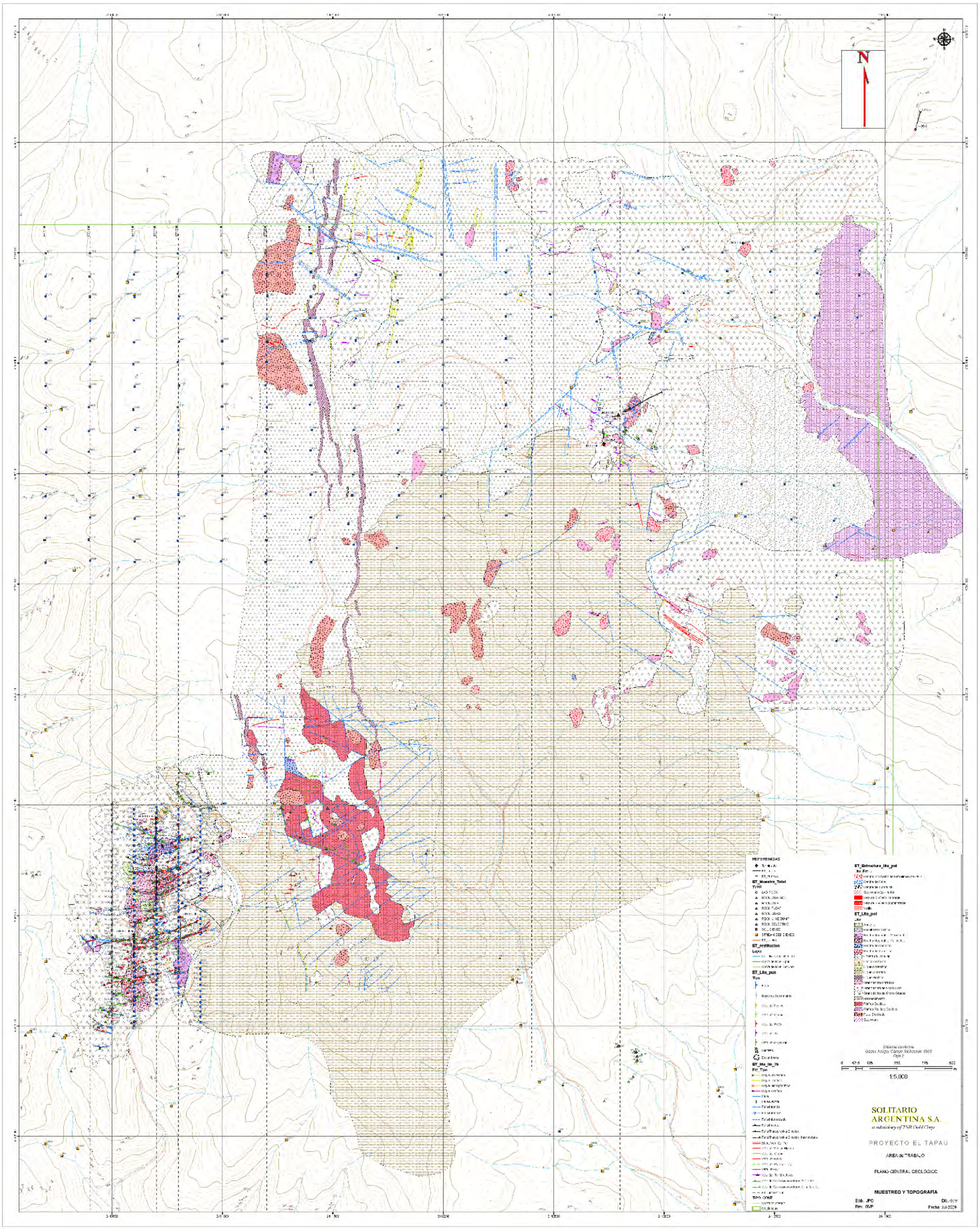


Figure 6 Solitario Geological Mapping of the northern group of tenements (Lara, 2009)

7 Geological Setting & Mineralization

7.1 Regional setting

San Juan Province straddles three major north–south-trending ranges, the Cordillera Principal, Cordillera Frontal, and Pre-cordillera as well as part of the Pampean range (Sierras Pampeanas range). The San Francisco Project is located on the eastern border of the Cordillera Frontal, separated from the Pre-cordillera to the east by the Rodeo-Calingasta–Uspallata Valley (Figure 7) (Altman, Cox & Moore, 2016). The map is also attached as a separate file because of its large size.

The Cordillera Principal runs along the Chile-Argentine border for some 1,500 km. It is a volcanically and seismically active zone formed by subduction of the Nazca plate beneath the South American continent. This convergent plate margin has been active since the Cretaceous. The main basement is formed by Permian–Triassic intrusive and volcanic rocks, of calc-alkaline affinity and andesitic to rhyolite composition, regionally known as the Choiyoi Group. These and younger sediments of Jurassic and Cretaceous age have been thickened by compression and thrusting principally since the Late Cretaceous in a thin-skinned fold thrust belt.

The Cordillera Frontal comprises a basement of Carboniferous clastic sediments of the Agua Negra/La Puerta Formation, intruded and overlain by Permian–Triassic volcanic and intrusive complex. The Cordillera Frontal complex consists of the same rock units as those in the Cordillera Principal, and was also uplifted with the Cordillera Principal.

The Choiyoi Group hosts coeval mineralization, mainly porphyry copper - molybdenum and copper - gold deposits such as San Jorge and El Salado and low-sulphidation gold systems such as Casposo, La Cabeza, and Castaño Nuevo. Tertiary mineralization occurs at Poposa (high-sulphidation gold) and at Paramillos (porphyry copper – molybdenum) prospects.

The Pre-cordillera comprises a series of north–south ranges, covering about 1,000 km north– south and 100 km east–west. It is the product of large-scale tectonic compression since the Jurassic and culminating in the Miocene, and is still seismically active. The ranges in San Juan Province comprise Palaeozoic limestones and clastic sediments separated by plains reminiscent of the “Basin and Range” extensional terrain of the western United States.

East of the Precordillera, the Pampean and Transpampean Ranges (Sierras Pampeanas) are composed of Precambrian and Palaeozoic granitic and metamorphic rocks. Uplift occurred along Tertiary Laramide-style high angle reverse faults. These ranges host minor Precambrian mineralization and, within the Precordillera, some Tertiary-aged deposits, associated with calc-alkaline to alkaline volcanic and sub-volcanic centers of Miocene - Pliocene age (for example Famatina and Gualcamayo).

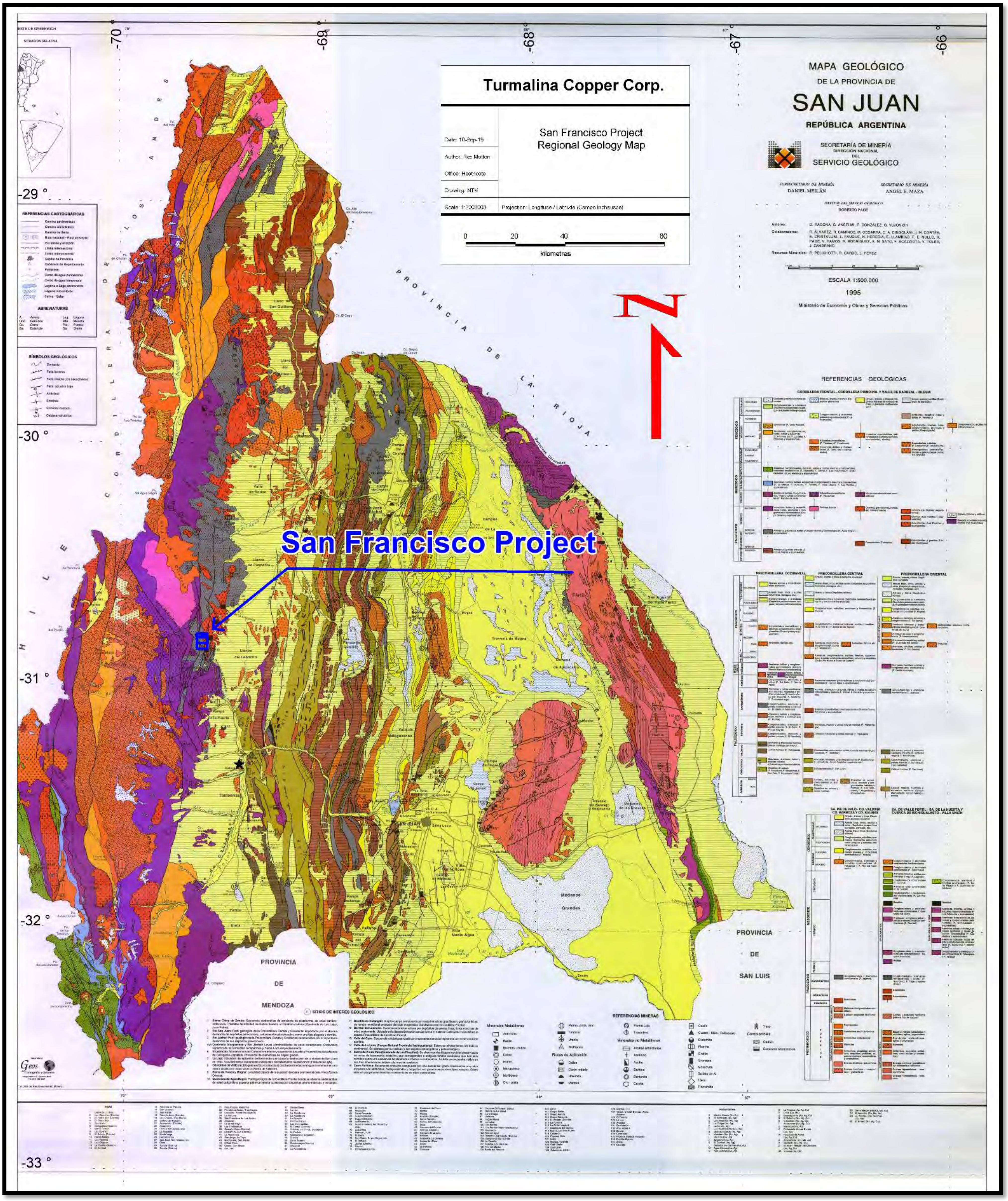


Figure 7 Geological Map of the San Juan Province (Ragona, et al, 1995)

7.2 Local Geology

Basement exposed at San Francisco consists of Carboniferous-Permian metasediments of the Agua Negra Formation, which are shallow marine sediments of interbedded quartzites and shales. These sediments have been deformed, metamorphosed and intruded by Permian plutons collectively mapped as the Colanguil Batholith. Intrusive rock mineralogy ranges from diorite through monzonite to granite. The Colanguil Batholith is shown on geologic maps with a 43 km north-south strike length, although magmatism of similar age and likely tectonic significance extends further north and south. These larger intrusive rock units are cut by later tourmaline breccia pipes as well as andesite and rhyolite dykes. The youngest magmatic event are the Permian rhyolite dykes that are typically associated with strong alteration haloes in the host sediments. The rhyolite dykes post-date the copper and gold mineralization associated with quartz veining (Wyck, 2008).

7.2.1 Lithology

7.2.1.1 Agua Negra Formation

The oldest rocks are dark grey, fine to medium grained immature arenites and siltstones of the Carboniferous Agua Negra Formation. In the study area, due to the close proximity of the younger intrusive rocks, they have been contact metamorphosed to a hackly hornfels. On account of the jointing and metamorphism it is often hard to resolve bedding but where it is discernible the general strike is N-S with the bedding dipping steeply both east and west (Figure 11) (Wyck, 2008).

7.2.1.2 Plutonic rocks

There are a few phases of plutonic rocks recognized within the project, which intrude the Agua Negra Formation. The principal unit is a feldspar-phyric biotite-quartz monzonite. This plutonic phase varies from monzonite to quartz monzonite to granite. Within this unit are small blocks/rafts or plugs of feldspar-phyric diorite to granodiorite. All of these units have been mapped as a single map unit (Wyck, 2008).

The quartz-monzonite unit is typically comprised of euhedral to subhedral feldspar phenocrysts up to 2 mm, of both plagioclase and potassic feldspars, comprising approximately 80% of the rock. The remainder is made up of quartz (3-7%) and mafic minerals, predominantly biotite, and lesser amphibole. Potassic alteration makes it difficult to identify the relative amounts of the two feldspars. This unit is the most susceptible to alteration, veining and mineralization (Wyck, 2008).

The feldspar-phyric, more mafic phase, is a fine grained, dark grey diorite with scattered, but evenly dispersed feldspar phenocrysts < 2 mm. Itoccurs throughout the quartz monzonite as rounded to sub-rounded xenoliths, up to 15 cm in size. At numerous locations, it has also been observed as larger, more angular rafts, ranging to 70 m in length, as observed in the area of the main zone of the auriferous quartz-tourmaline veins at Quebrada Seca. In the area around the Chorrillos breccia pipes, the diorite is slightly porphyritic. In all areas it is strongly magnetic. Tourmaline orbicular phases of the quartz monzonite are present at the Chorrillos prospect. These rosettes are up to 5 cm in diameter (Figure 8) (Wyck, 2008).

7.2.1.3 Andesite Dykes

Andesite dykes up to 2 meters width have been mapped at various locations on the property. Subhedral feldspar phenocrysts <1 mm occur in a dark grey, very fine groundmass. These dykes are present throughout the project area. They cross cut both the intrusive and hornfelsed sediments.

7.2.1.4 Quartz-tourmaline breccias

Quartz-tourmaline breccia pipes occur at numerous locations throughout the property. They are roughly circular in appearance at surface, and can exceed 100 meters in diameter. Composition of these breccias varies, where they may contain either altered igneous or sedimentary clasts and/or quartz fragments in a granular quartz-tourmaline matrix, as well as tourmaline +/- quartz fragments in a vuggy quartz matrix. These compositional differences are often defined by distinct contacts. (Wyck, 2008).

Figure 8 Orbicular tourmaline quartz monzonite from Chorrillos

Previous mapping programs have established that there are 62 breccia outcrops of elongated to circular shapes and ranging up to 6.3 hectares and held within the Cupro I, Solitario and Jarilla mining claims. Most of these are considered to be tourmaline - quartz breccias. Only 6 breccia outcrops are greater than 1 hectare (10,000m2) in area, and these are all along the west side of the project on an NNE trend. In the southern mining claim of Cupro II (1247 hectares) and the San Francisco mine site, only one tourmaline breccia is known, which is the San Francisco mine itself. This paucity in breccia outcrops is likely the result of the Cupro II tenement not having been geologically mapped.

The Chorrillos and San Francisco breccia pipes have historic workings and the San Francisco de Los Andes mine has significant production from a small-scale operation. Primary mineralization includes chalcopyrite, pyrite, arsenopyrite, sphalerite, galena, and other bismuth/antimony sulpho-salts. Within the oxide zone, chrysocolla, azurite and malachite predominate. Mineralization is generally stronger toward the breccia pipe – host rock contact where stoping has been prevalent at the San Francisco mine (Figure 9).

Figure 9 Copper mineralised tourmaline shingle breccia at the San Francisco mine

Areas of tourmaline mineralised joints are also present within the project and these may represent the upper reaches of buried tourmaline breccias or lateral leakage from nearby breccia zones (Figure 10).

Figure 10 Tourmaline mineralization of joints sets.

7.2.1.5 Rhyolite dykes

Distinctive, reddish weathering aphyric rhyolite dykes truncate all intrusive rocks and the gold and base metal bearing quartz veins.

7.2.2 Structure

Mapping of the Rodeo-I quadrangle identifies the area containing the San Francisco project as part of the Tranquitas-Colanguil Horst - a Palaeozoic aged structure. The north-south trending structure is cored by plutonic rocks of the Colanguil Batholith, which itself has a distinct north-south elongate outcrop pattern. Bedding plane measurements of the Agua Negra Formation in the San Francisco project area (Figure 11) show bedding is folded in a simple upright antiformal structure with a north-south fold axis.

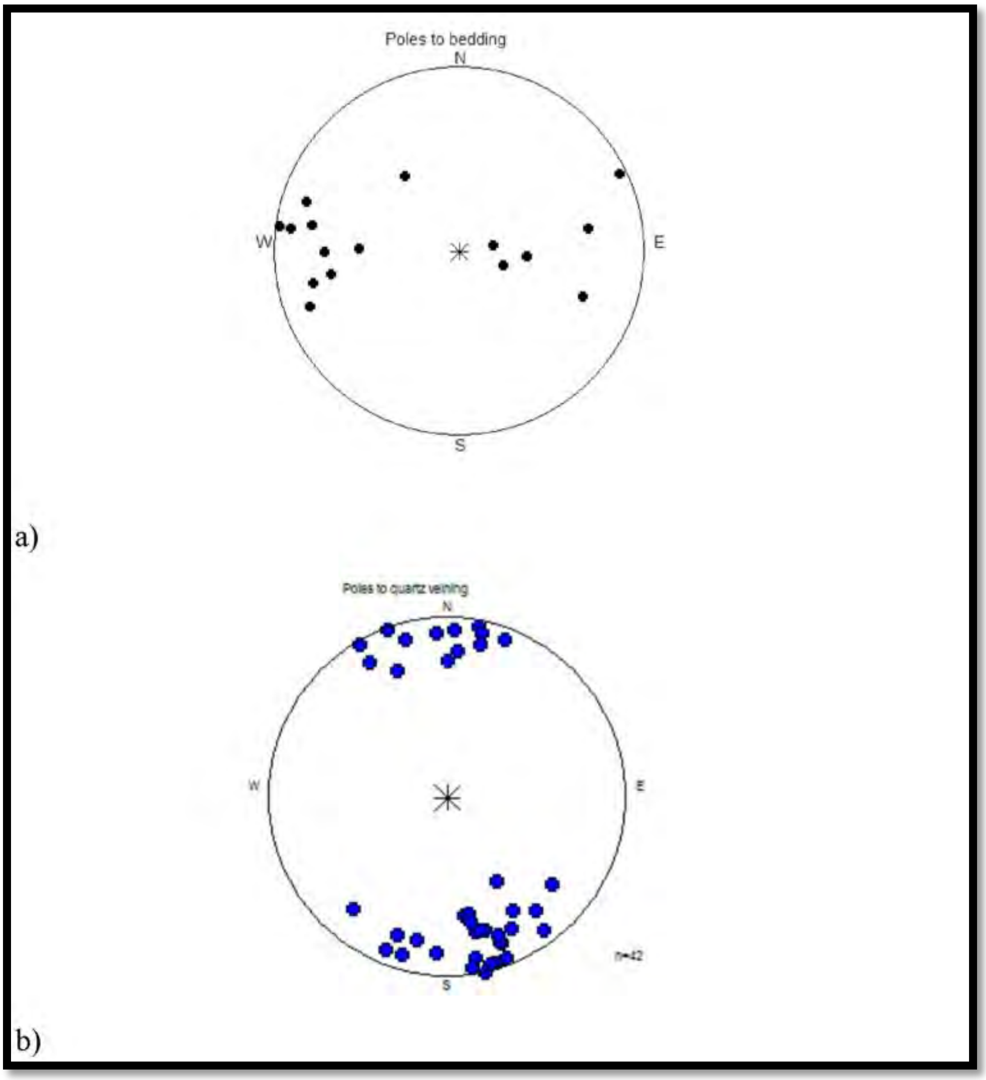


Figure 11 Stereonets of Poles to (a) Bedding and (b) Quartz vein orientations (Wyck, 2008)

The gold-base metal quartz veins possess a strong WNW to ENE orientation (Figure 11). A number of prospects with minor workings occur along a WNW striking corridor east of the Quebrada Seca prospect (Wyck, 2008) (Figure 12).

Figure 12 Large quartz vein outcrop east of Quebrada Seca prospect

Other outcrops of quartz veins and shear zones east of San Francisco mine also showed an E-W to WNW-ESE strike. These veins/shears were often limonitic and showed preferential clay-sericite alteration and weathering (Figure 13 & Figure 14). These shear zone sets are gold and base metal mineralised and may have some bearing upon the location of the breccias pipes.

Figure 13 Granite hosted quartz veined shear zone on the main access road looking west.

Figure 14 Quartz vein boulder displaced by the road works.

An independent analysis of the geophysical data (Chen, 2008) mapped inferred structures based on contrasts between zones of high and low conductivity. These geophysics-based structures show a very good correlation with structures described above, and emphasizes the strong NW oriented and lesser NNW structures (Wyck, 2008).

Various north striking faults are inferred to occur throughout the project and some of the plutonic rock contacts may be fault bounded. This is well demonstrated in the Quebrada Seca area, where the drainage and road occupy one of these structures between monzonite and sediment (Wyck, 2008). The larger tourmaline breccia outcrops occur in a corridor striking NNE from Quebrada Seca. The younger rhyolite dykes also have a north-south orientation. Lineation interpretation from satellite imagery of the project area show the strong north-south and WNW-ESE trending structures. The mapped breccia outcrops have been superimposed upon the satellite image to illustrate the widespread nature of the breccia deposits (Figure 15).

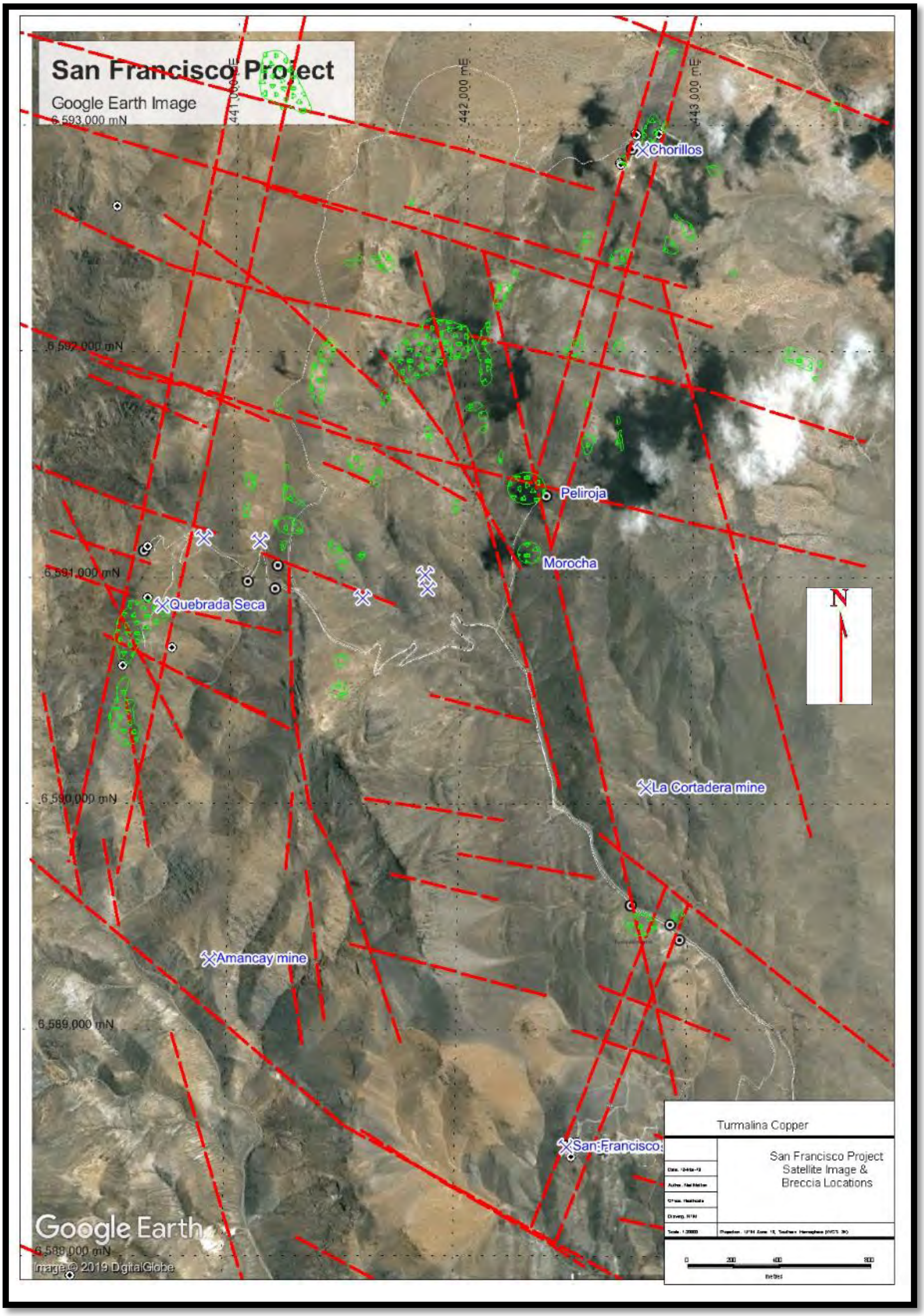


Figure 15 Satellite image with regional lineation, prospects and mapped breccia outcrops.

7.3 Mineralization

There are three areas of mineralization that were the focus of the previous explorers, namely, San Francisco mine, Quebrada Seca and the Chorrillos Breccia.

7.3.1 San Francisco Deposit

Mineralization at the San Francisco mine complies with the Cu, Mo, Au, Ag, As, Bi, Pb and Zn metal association described for tourmaline breccia pipe type mineralized bodies, as is evidenced in the assay data. The overall downward flaring morphology, as is typified by this tourmaline breccia type of mineralization, is indicated by the broader area of the deeper workings and drilling. Copper-bearing tourmaline pipes are a distinctive class of intrusion-related breccias which vary considerably in size and metal content.
The Soledad tourmaline breccia pipe deposits of Peru (Figure 31 & Figure 34) are similar to those found at San Francisco mine and elsewhere within the project (Figure 16, Figure 19 & Figure 20) based upon;

- The breccia textures, especially the shingle breccias and the wrapping of the breccia texture toward the host rock wall,
- The silica sericite alteration of the wall rock clasts within the breccias
- The quartz-tourmaline breccia matrix assemblage,
- The overall flaring pipe shaped orebody morphology,
- The sulphide mineralization assemblage,

thus, supporting the view that these deposits are of similar metallogenesis (Kirwin, et al 2018 & pers. comm. Mr D. Kirwin).

The breccia typically has angular flattened clasts of the host rock, containing 3 to 20 % of tourmalinic quartzite with several sulphide generations (Lencinas, 1990), known as shingle breccias.

The breccia is oxidized and leached almost entirely at between 23 and 35 meters in depth. There follows an area of supergene enrichment of around 35 meters of vertical thickness, which contains higher grades of Au, Ag, Cu, Pb, Zn, Bi (Lencinas, 1990).

Below which the primary mineralization is up to a known depth of 170 meters (Drilling P-2) where the metalliferous content is notably inferior, which may be due to lack of supergene enrichment or because the grades have moved laterally (Figure 33) or both (Lencinas, 1990).

It is shaped as a “Pipe” or a sub-vertical chimney, elongated in WNW-ESE direction with a noticeable narrowing to the centre which amounts to only 1/3 of the maximum width. This way, it has a resemblance in plan to the figure eight. In this manner, the breccia can be divided into two sectors or areas that have been designated as NW area and SE area (Lencinas, 1990).

The NW area has a defined pitch (rake) in NW direction with a value of 76 degrees. The SE area has a similar pitch in WNW direction with 86º (Lencinas, 1990).

The breccia is composed by clasts of rocks of mainly quartzite cemented by 3% to 20 % of tourmaline- quartz matrix with a variety of metalliferous sulphide minerals within the breccia matrix in the primary zone (Lencinas, 1990).

Within the oxidized and leached area, mineralization is mainly limonite, scorodite and other oxides/arsenates of the various metals present with the primary ore, such as the copper minerals malachite, azurite, chrysocolla which have remained mainly in the southern part of the breccia (Lencinas, 1990).

The supergene enrichment area at 23 to 35m depth, with around 35 meters of thickness below that, presents primary and supergene sulphides of mainly copper minerals (Lencinas, 1990).

The mineralogy of the primary sulphides is listed in order of importance as follows:

Mineral	Content %
Iron pyrites	3 – 12 %
Arsenopyrite	1 – 6 %
Chalcopyrite	0.1 – 3 %
Galena	0.1 – 1 %
Zinc sphalerite	traces – 0.3 %
Bismuthinite	traces – 0.5 %

Other metalliferous minerals possibly noted within the deposit are native gold, electrum, famatinite, tennantite, cassiterite and scheelite. For the supergene zone there is also chalcocite, covellite, native bismuth and cuprite.

The distribution of the primary minerals is irregular but the main zones of mining have invariably focused on the breccia pipe walls where grades a considerably better (Figure 35) (Lencinas, 1990).

Figure 16 Sulphide mineralised matrix of a shingle breccia from the San Francisco mine

Workings at San Francisco consists of various tunnels and shafts with the predominate workings being along the breccia – host rock contact (Figure 17).

Figure 17 Surface and underground workings at the San Francisco mine

Figure 18 San Francisco surface workings

Figure 19 Mineralized shingle breccia underground at San Francisco mine (350mm field view)

Figure 20 Vertical fracturing of the host wall rock near the tourmaline breccia contact

7.3.2 Quebrada Seca

The gold and base metal quartz veins have been repeatedly sampled at the surface during various exploration campaigns and especially at Quebrada Seca. Texturally the veins within the San Francisco project are crystalline, massive and occasionally vughy. They have a typical Cu, Mo, Au, Ag, As, Bi, Pb and Zn metal association supporting the view that this type of mineralization is directly related to the tourmaline breccia mineralizing event (Figure 21). The veins/shear zones therefore constitute a secondary target to the main tourmaline breccia type.

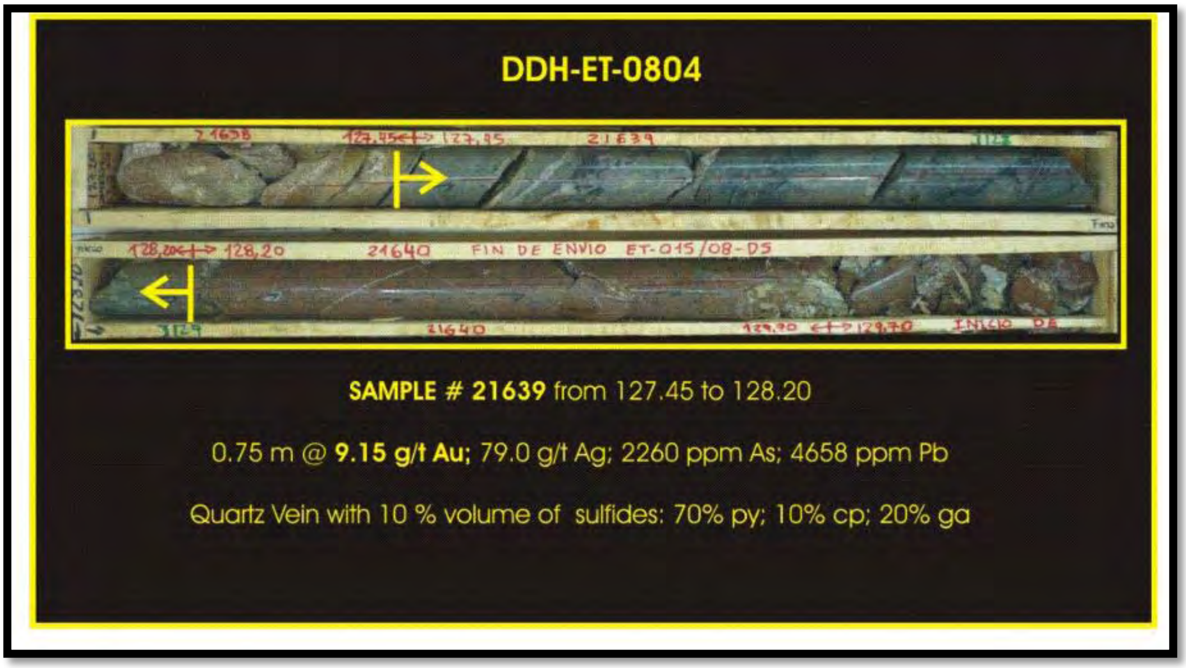


Figure 21 High grade narrow intercept from Quebrada Seca and metal association (Lara, 2009).

Figure 22 Typical quartz pyrite vein intersected in the drilling at Quebrada Seca.

Quartz veining at Quebrada Seca is shown in the geologic map (Figure 23). Quartz vein thicknesses are rarely greater than 1 m and most are approximately 50 cm thick. Individual veins can be traced for several hundred meters, but most are shorter. Veining is more common in the intrusive rocks. This is considered due to the mechanical properties of the igneous rocks that allow fractures to propagate and stay open during mineralization. Veins are enriched in Au, Ag, As, Bi, Cu, Pb, Sb, and Zn. Vein mineralogy is quartz ± calcite, sericite, and sulphides. Sulphides of mostly pyrite, with lesser chalcopyrite, galena and sphalerite, while geochemistry suggests sulpho-salts with antimony and arsenic are also likely. Many of the samples collected at the surface were oxidized, limonitic and gossanous (Wyck, 2008).

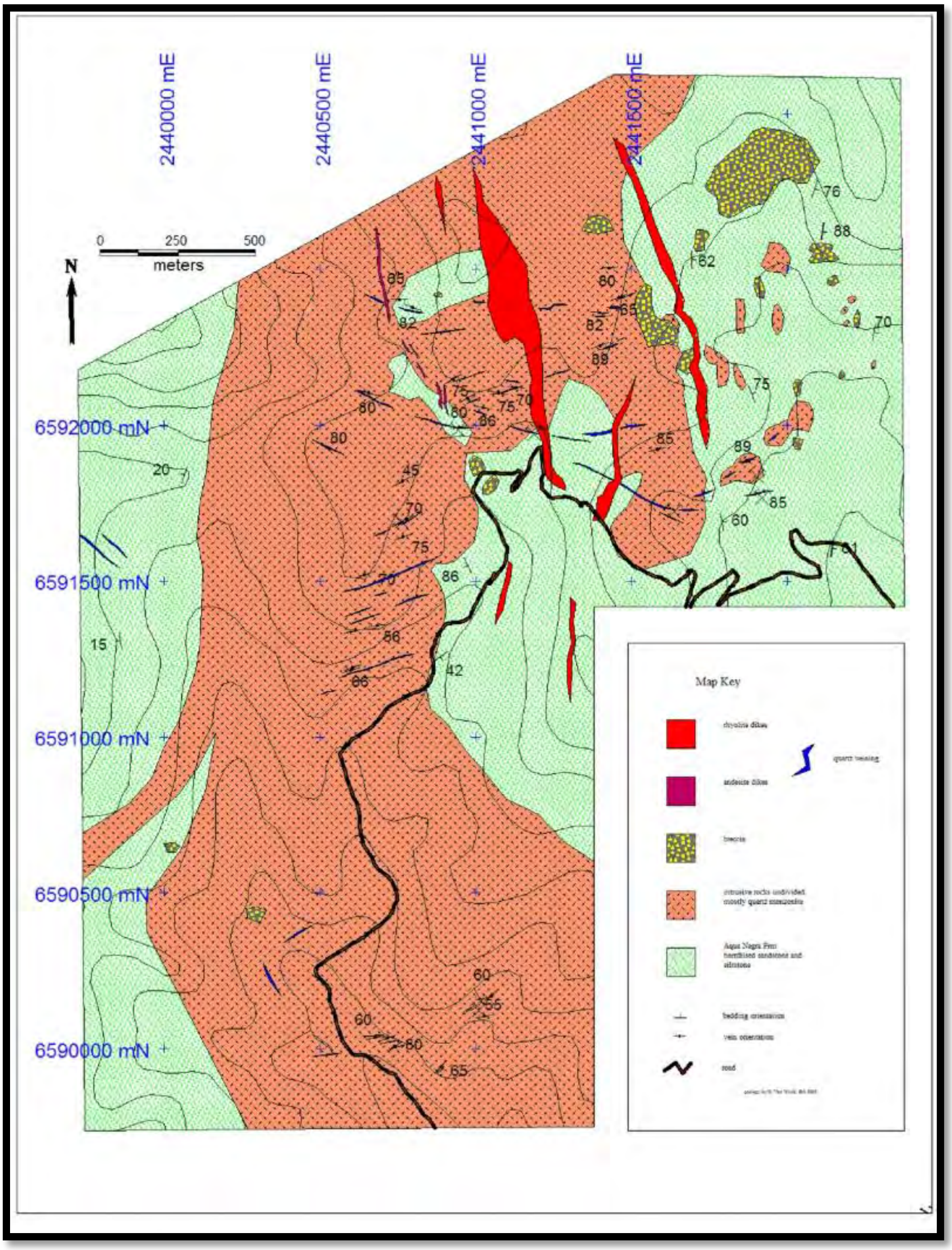


Figure 23 Geology of the Quebrada Seca area, San Francisco property (Wyck, 2008)

Most veins contain alteration halos of predominantly sericite. At the Amancay mine, south of Quebrada Seca, strong veining and sericite alteration yielded positive gold assays however, the strike length of the alteration mapped at the Amancay mine is less than 50 m, and the size of the waste rock suggests a small operation. Furthermore, the geophysical data from the IP traverse across the mine does not show a large anomaly beneath the workings (Wyck, 2008). The Amancay mine is excluded from the San Francisco project by a small mining claim.

Both the quartz veins and the breccia pipes are considered to be part of the same mineralization event and is related to hydrothermal fluids evolved from the same deep-seated source. These fluids would then be focused into structures and develop into vein-like deposits (Amancay) or breccia pipe deposits (San Francisco).

Rock chip sampling at Quebrada Seca showed a number of veins (at least 8) with consistent gold grades of >1ppm and highly anomalous base metal grades. Drilling of five of these veins with four RC holes intersected narrow low-grade veins which is consistent with the description by Wyck above (Figure 23).

Soil geochemical anomalies in the Quebrada Seca area are consistent with the narrow-veined nature of the outcropping quartz veins and the rock chip results.

A broader soil polymetallic anomaly occurs north of Quebrada Seca and is centred on 2,440,655E 6,592,233N, which occurs outside of the mapped area and appears to be a tourmaline breccia pipe based upon the dark rock outcrop shown in the satellite image.

7.3.3 Chorrillos Breccia

The Chorrillos area was the focus of the first drilling by Solitario in 1995. The area contains a quartz tourmaline breccia pipe, approximately 100 m in diameter that stands topographically 20m higher than the surrounding area. Several adits were driven into the various parts of the breccia pipe on copper mineralization. Other breccia pipes can be seen extending off the property to the north (Figure 5), and the size and distribution suggests a strong and widespread mineralizing system (Figure 24).

Figure 24 Photo of the Chorrillos tourmaline breccia outcrop with drill collar DDH-ET-801.

Figure 25 Tourmaline mineralization of the joints of the host rock at Chorrillos

Tourmaline mineralization is present as joints in granitic rocks is present in various samples located at Chorrillos as well as orbicular tourmaline mineralization (Figure 25 & Figure 8). Massive tourmaline - quartz veining is the general manifestation of the Chorrillos breccia (Figure 26).

Figure 26 Massive tourmaline quartz outcrop at Chorrillos

Figure 27 Quartz-tourmaline breccia with granodiorite clasts drilled at Chorrillos

Figure 28 Adit workings on the SE part of the Chorrillos breccia

There are a number of adits present at Chorrillos that have dumps that are commonly covered in copper oxide type mineralization. Most of these adits are driven from the southeast toward the NW into the breccia (Figure 28).

Drilling of the Chorrillos has been carried out via two RC holes and a diamond drill hole (DDH-ET-801), which will be discussed below in more detail in the drilling section. An example of the high-grade zone of >1%Cu (upper limit of assay technique used) shows that the mineralization is directly related to the quartz-tourmaline breccia present at Chorrillos (Figure 29).

Figure 29 Drill hole DDH-ET-801 125-128.2m with assay of >1%Cu

8 Deposit Type

There are two deposit types being investigated at San Francisco, namely the tourmaline breccia pipes and the various quartz veins.

Copper-bearing tourmaline pipes are a distinctive class of intrusion-related breccias which vary considerably in size and metal content. They are considered to be derived from granitic to granodioritic magmas initiated at deeper crustal levels than generally much larger copper-bearing pipes associated with porphyry copper deposits. As a consequence, intrusion related pipes tend to increase in size with depth, in contrast with porphyry-related examples which typically flare upwards due to much less lithostatic pressure exerted by the host wall rocks. Both deposit types can have vertical dimensions exceeding one kilometre. The common presence of decompressive shock textures and shingle breccias provide further evidence for deeper emplacement of the intrusion-related pipes. (Figure 30;Kirwin et al, 2018).

Development of the breccia pipes is a result of over-pressuring of the accumulated boron-metal rich hydrothermal fluid in the cupola of the intrusive complex, which is followed by hydraulic fracturing of the overlying host rock creating sheeted vein sets. This in turn may cause upward stoping of the overlying host rock as pipes through hydraulic failure with pipe growth through associated collapse & internal wall rock failure.

In terms of mineralization, complex multi-element assemblages (Cu, Mo, Au, Ag, As, Bi, WO3, Pb and Zn) typically characterize the deeper smaller pipes in contrast to the generally simple Cu-Mo association observed in porphyry environments. The highest metal concentration is normally found near the inside margins of the tourmaline pipes, and especially in the non-porphyry derived examples where there is intense development of shingle breccias. A very good example of what appears to be a non-porphyry-tourmaline breccia pipe field occurs at Soledad in the Ticapampa-Aija mining district in the Cordillera Negra in Central Peru. Previous exploration has identified a cluster of nine high grade copper-gold bearing breccia pipes which have surface diameters of 30 to 100 meters within a 10 square kilometre area. Drilling has demonstrated some of the pipes have an "inverted carrot" morphology and vertical extents of greater than 500 meters. The breccias are polymictic with sericite and silica-altered wall-rock andesitic clasts set in a tourmaline and sulphide-rich matrix. Breccia contacts with the andesitic wall-rocks are sharp and there is a well-defined halo away from the contact characterized by sheeted quartz-sericite-sulphide veining. Tourmaline breccia pipes can be attractive economic exploration targets (Figure 31;Kirwin et al, 2018).

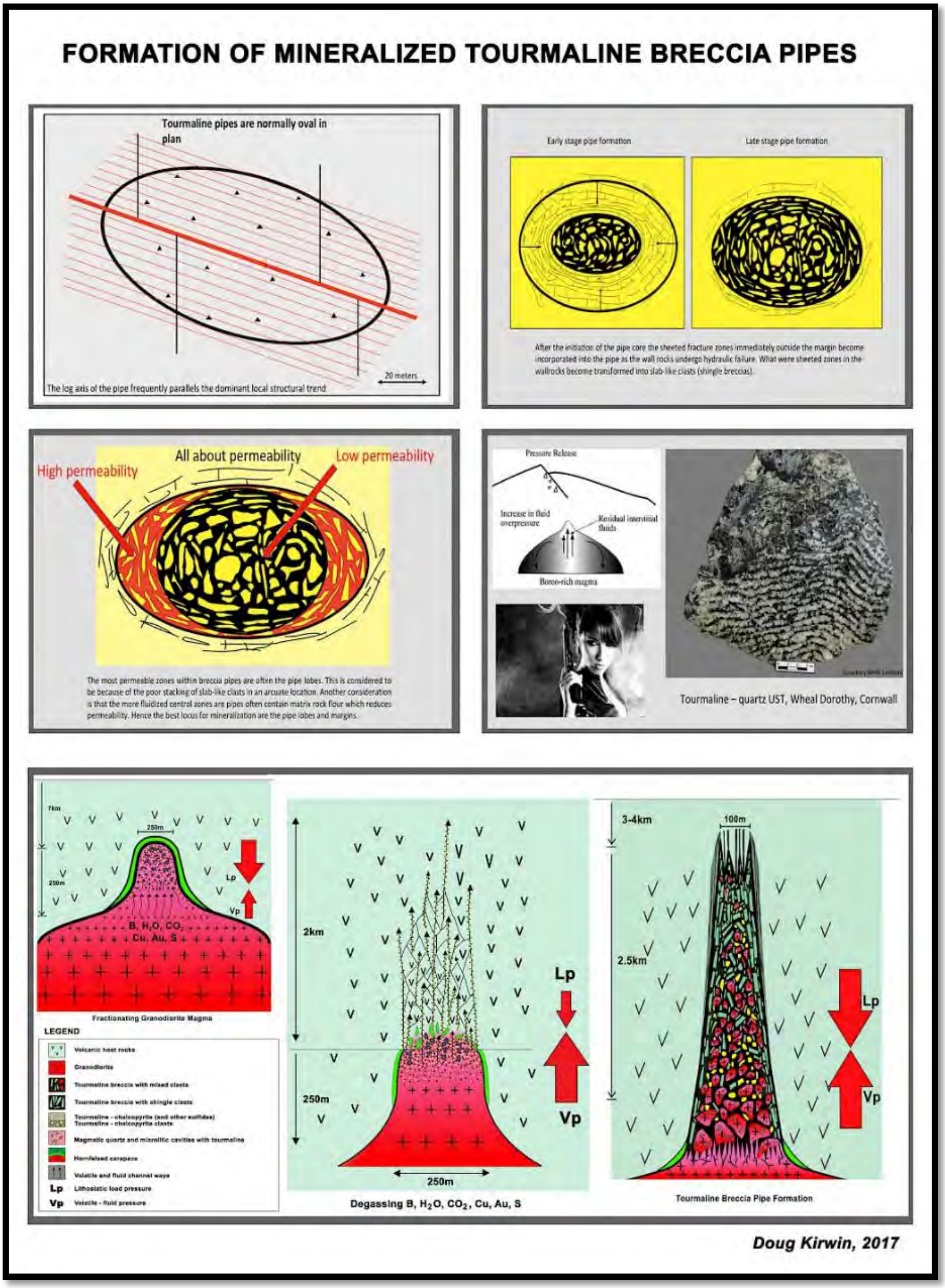


Figure 30 Formation of Tourmaline Mineralized Breccia Pipes

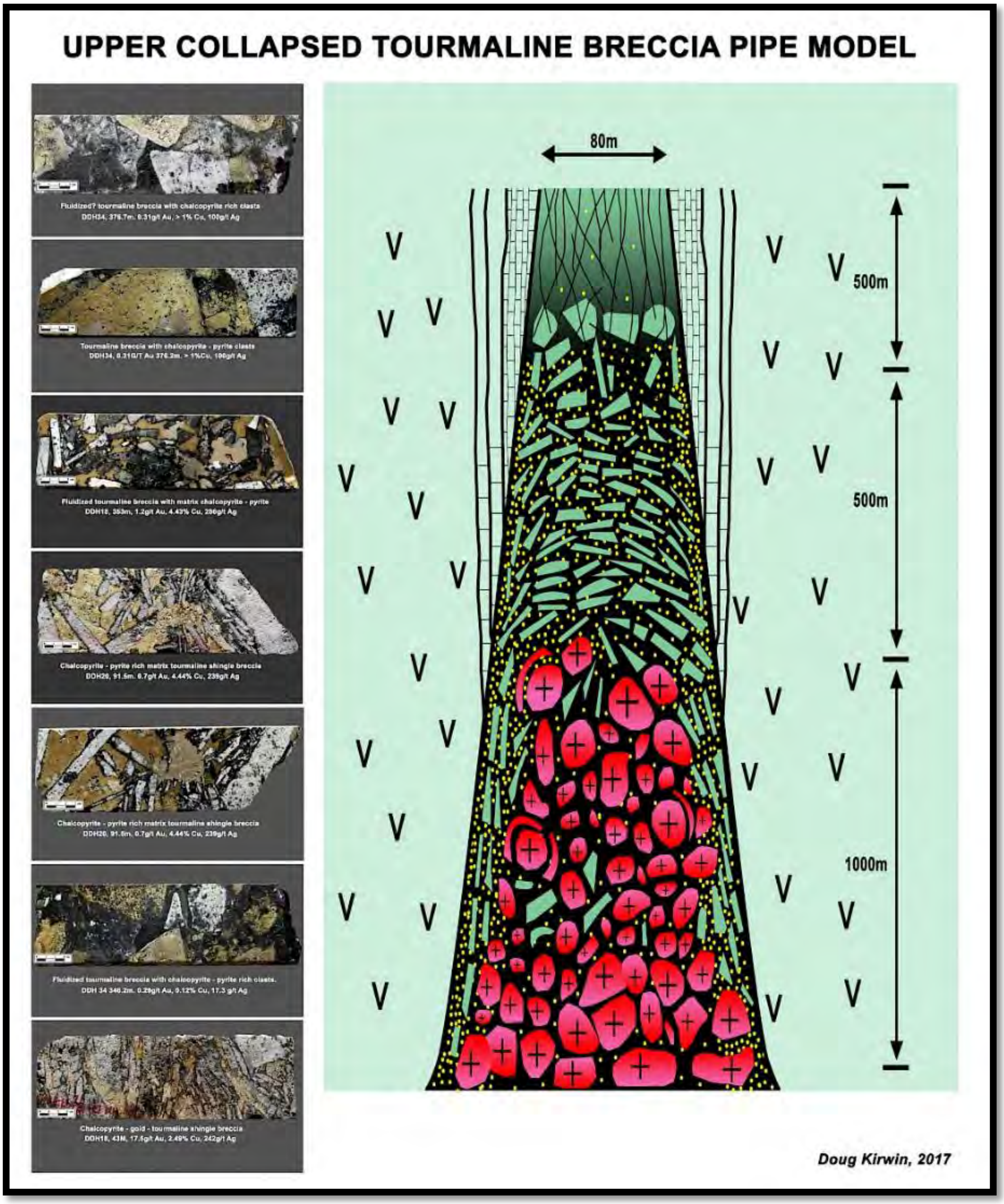


Figure 31 Upper Collapsed Tourmaline Breccia Pipe Model with examples from Soledad, Peru.

Mineralization within the breccia pipes is usually located at the periphery of the pipe and particularly at the arcuate or narrowing points of the breccia in plan (Figure 32 & Figure 33;Kirwin, 2018).

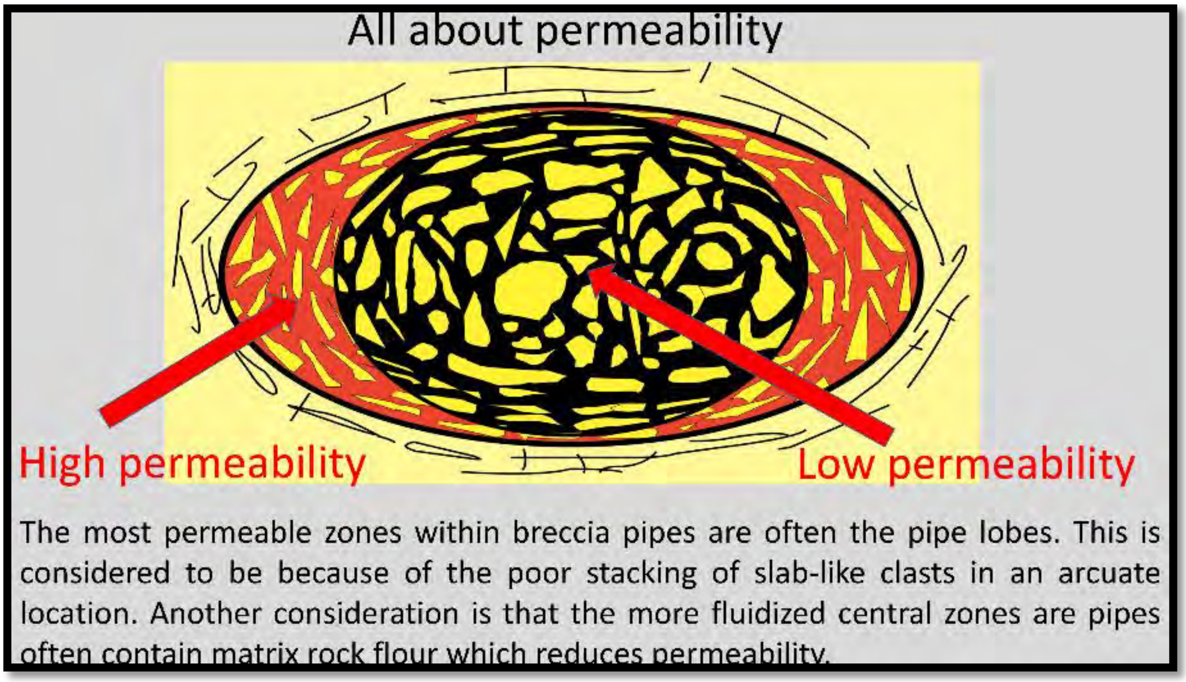


Figure 32 Mineralization within pipes in plan

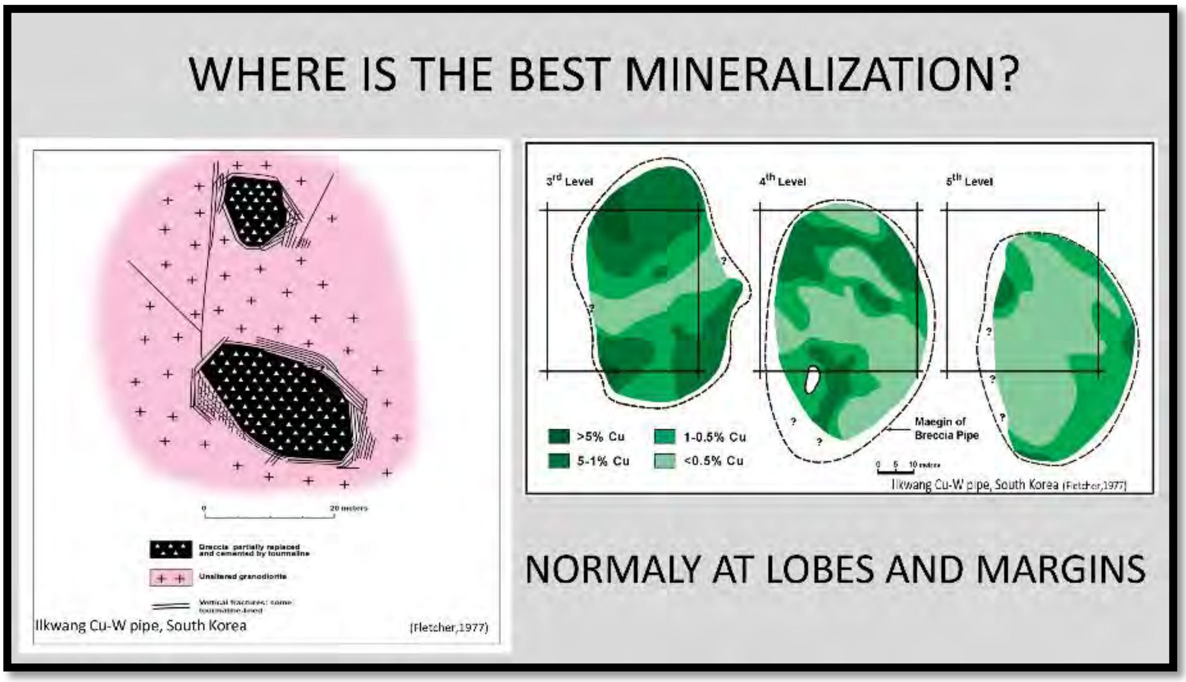


Figure 33 Examples of mineralization focii within the tourmaline breccias

Copper-bearing tourmaline pipes are a distinctive class of intrusion-related breccias which vary considerably in size and metal content. Tourmaline breccia pipes can be attractive economic exploration targets (Kirwin et al, 2018).

Figure 34 One of the bold tourmaline breccia pipes at Chakana's Soledad project, Peru

9 Exploration

Exploration has consisted of geological mapping, geochemistry and drilling. This information has been consolidated to enable a comprehensive view of the project as a whole, where this information has been available. The IP geophysical information has not yet been sourced from previous explorers.

Exploration by TMC has initially largely been of a confirmatory nature where they have been resampling old drill core and replicating underground sampling taken from the San Francisco de los Andes mine. The results were sufficiently encouraging to proceed with a drilling program discussed in Section 10 Drilling.

From the signing of the Joint Venture agreements in September 2018 to October 2019, Turmalina Metals Corp (TMC), and its Argentinean Subsidiary Aurora Mining, have spent USD$836,239 on exploration at the San Francisco property (Table 5).

Description	Amount (USD$)
Geological consulting and contractors	$ 82,681
Field Expenditure (including camp and earthworks)	$ 270,789
Contract - Drilling	$ 237,133
Geochemistry - Assay	$ 36,285
Hire - Equipment rental	$ 89,375
Project Administration	$ 25,034
Project Management	$ 94,943
Total	**$ 836,239**

Table 5 Exploration Expenditure by TMC

9.1 Property geochemistry

A database of the available geochemistry from the different exploration programs has been compiled as listed in the following table. (Table 6).

In 1995 Solitario conducted a rock chip sampling program of 309 samples. This data has not been sourced to date. In 2005/2006 Petra Gold conducted a rock chip sampling program of 157 samples. Later sampling by Petra Gold JV partners added to the soil, lag, rock and stream sediment sampling database. Wyck also carried out check sampling in 2008, which confirmed the previous work, however some of his data is missing as he reported taking 488 samples (Wyck, 2008).

Program	Year	Rock	Soil	Lag	SSS	Total
Solitario	1995	0				0
Petra Gold	2006	157			2	159
Buenaventura	2006	351	59			410
TNR Gold	2007	136				136
Petra Gold	2008	226	608	282	131	1247
Wyck	2008	1	104			
TMC	2019	190				
		1061	771	282	133	2078

Table 6 Geochemical sampling summary

TMC has conducted channel sampling from the underground workings at San Francisco mine with 120 channel samples and has also conducted 70 rock chip samples from various locations. The author viewed the underground channel sampling system and locations, as well as examining and comparing the assay sheets to the evident base metal mineralization while underground. It is clear that there is good visual correlation between the base metal mineralization and the high-grade base metal assays.

The main regional exploration coverage of the project has been in the form of stream sediment, grid-based soil sampling and rock chip surveys. The stream sediment survey of 131 samples for 34km^2 is at a density of 3.85 samples per km^2 and was carried out by Petra Gold.

Apart from the detailed grid-based soil sampling at Quebrada Seca, a broader coverage was undertaken at on a 100m x 200m grid covering the western portion of the central and northern mining claims. This work was done by Petra Gold.

An area, 750m northeast of the San Francisco deposit, encompassing 300m x 450m was covered by Buenaventura as a 50m x 50m grid-based soil sampling program. Although slightly elevated background levels of gold, copper, lead and zinc were found throughout the survey area, nothing remarkable was located.

Rock chip sampling was used to compliment the soil sampling coverage as well as samples taken from various areas of interest, including more detailed channel sampling at San Francisco mine site. All past explorers carried out rock chip sampling at various locations.

The geochemistry data not only illustrates the areas that have been sampled and within those areas the zones of anomalism, but also illustrates the large number of breccias in the central and eastern portions of the project that have not been sampled. In the southern Cupro II tenement, it also highlights the lack of sampling there and in addition there is no mapping either.

9.2 Prospect specific mapping and geophysical interpretation

In 2007-2008, the Quebrada Seca and Chorrillos breccia pipe areas were selected by Petra Gold and TNR as the most promising areas. In 2008, 43.4line-km of IP geophysics was completed over the Quebrada Seca area and 19.6 line-km were collected over the San Francisco mine area. The reason that data was collected over the latter area was to allow a comparison of the geophysical signature over a known breccia pipe against any potential buried blind targets. Geophysical data for the Chorrillos area was reprocessed and incorporated into the Quebrada Seca geophysical report (Chen, 2008).

The San Francisco mine has been held by a mining licence for many years and was therefore excised from the Petra Gold and associated company's exploration activities.

9.2.1 San Francisco

9.2.1.1 Geology

The San Francisco de los Andes mine is a hydrothermal breccia-pipe of magmatic affiliation and complex geometry. The breccia intrudes into hornfelsed quarzitic sediments of the Agua Negra formation.

The breccia is elongated in a WNW-ESE direction with a major axis between 67 and over 78 m and a width which varies from 5 meters to more than 30 meters.

Mapping and geochemical channel sampling have been conducted thoroughly at the San Francisco mine, especially from the main underground adit level.

The San Francisco mine is a typical tourmaline breccia with Au, Ag, Cu, Pb, Zn & Bi mineralization. The pipe is in the form of two lobes. The deposit also has been drilled by previous explorers with seven holes completed for 741.6 meters. This initial drilling indicates that the pipe is getting larger at depth.

In 2019, TMC have drilled 10 diamond holes for 1571.75m of drilling (Section 10: Drilling)

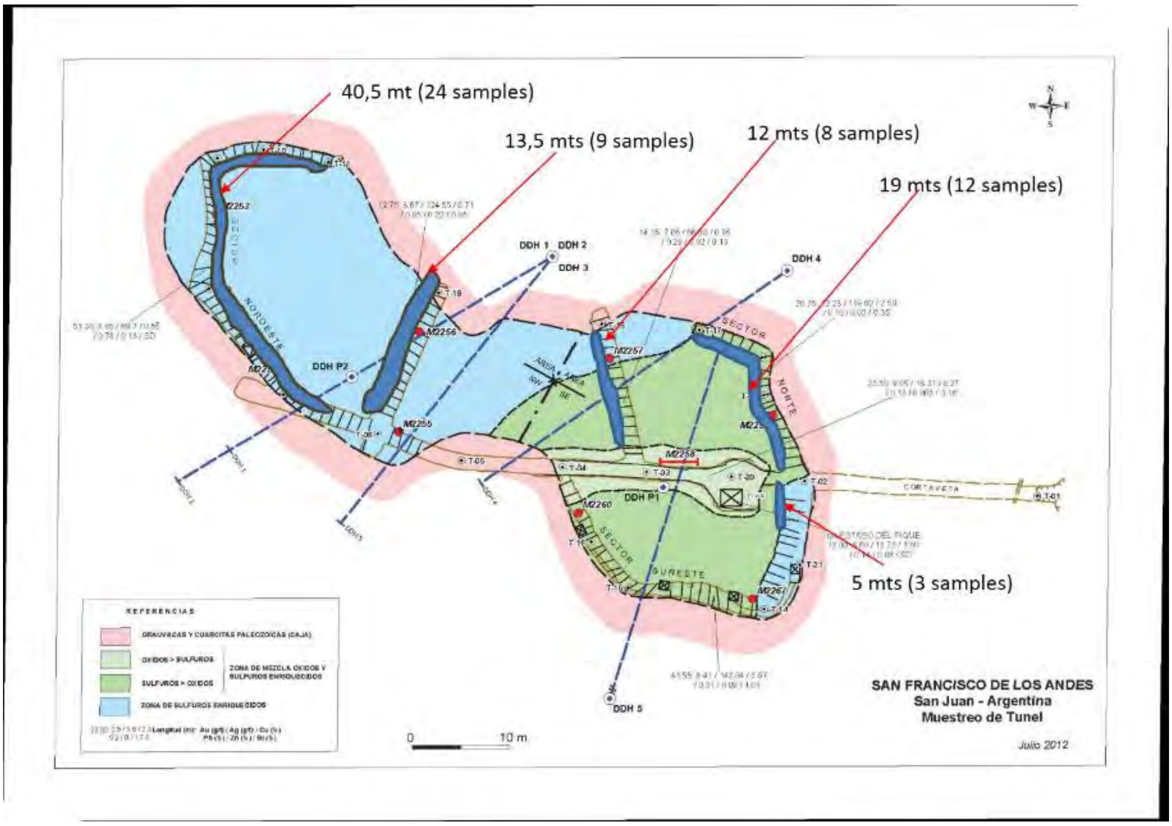


Figure 35 San Francisco main adit level mapping and sampling (after Lencinas, 1990)

9.2.1.2 Geochemistry

Detailed rock channel sampling program using electric jack hammers and rock saws has been carried out by TMC staff at the underground workings of the San Francisco deposit. This work was conducted to check previous sampling done by Minera Aguilar (Figure 35), which is a 2012 digital tracing update of the original 1990 plan created by Minera Aguilar staff (Lencinas, 1990).

Statistics for the 190 rock-chip samples taken by TMC are presented, with some copper assays being above the upper limit of detection at 10% Cu (Table 7).

Data	Au ppm	Ag ppm	Cu ppm	Cu%	Pb ppm	Zn ppm	Bi ppm
Average	6.98	116	19390	1.94	3459	2075	3552
Max	29.65	360	100000	10.00	17100	24000	62000
Min	0.08	3	400	0.04	50	10	50

Table 7 TMC Underground rock sampling statistics for the San Francisco deposit

A visual inspection of the maps that presented the data shows that in general the new underground channel sampling and assays confirms the earlier underground sampling assays, with the exception that the assay accuracy of the original sampling has been shown to be unreliable (discussed in Section 14.2). In terms of visual mineralization such as zones that are galena rich, assays were elevated for lead and this applies to other visual mineralization too.

The correlation matrix for the various elements assayed shows that there is no definite relationship between the various metals present (Table 8). High grade zones of gold, silver and base metals are present throughout the old workings, though not necessarily all the metals are found as high grade material together.

	AU_PPM	AG_PPM	CU_PPM	PB_PPM	ZN_PPM	BI_PPM
AU_PPM	1					
AG_PPM	0.270804	1				
CU_PPM	0.329846	0.314239	1			
PB_PPM	-0.09184	0.380157	-0.11384	1		
ZN_PPM	-0.13131	0.345793	-0.05122	0.247106	1	
BI_PPM	0.523813	0.419469	0.331449	0.1593	-0.05442	1

Table 8 Correlation matrix for the TMC underground rock samples

Grade distribution maps for gold and copper from the underground sampling carried out by TMC are presented below. The pipe outline varies and is presented only as a guide to its location. Some variation in survey information also exists for the sampling and the location of the drives that were sampled, but the overall information is reasonable. The western lobe of the deposit is more lead and zinc rich than the eastern lobe.

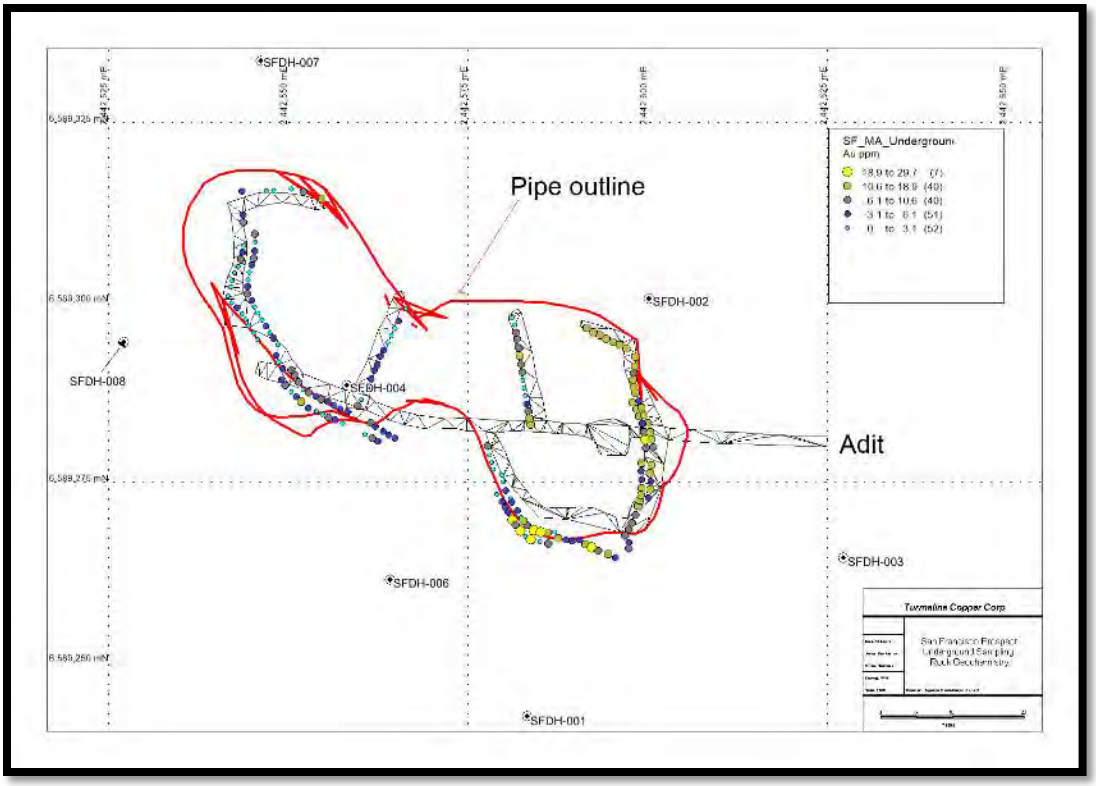


Figure 36 Gold distribution map for the San Francisco Underground sampling

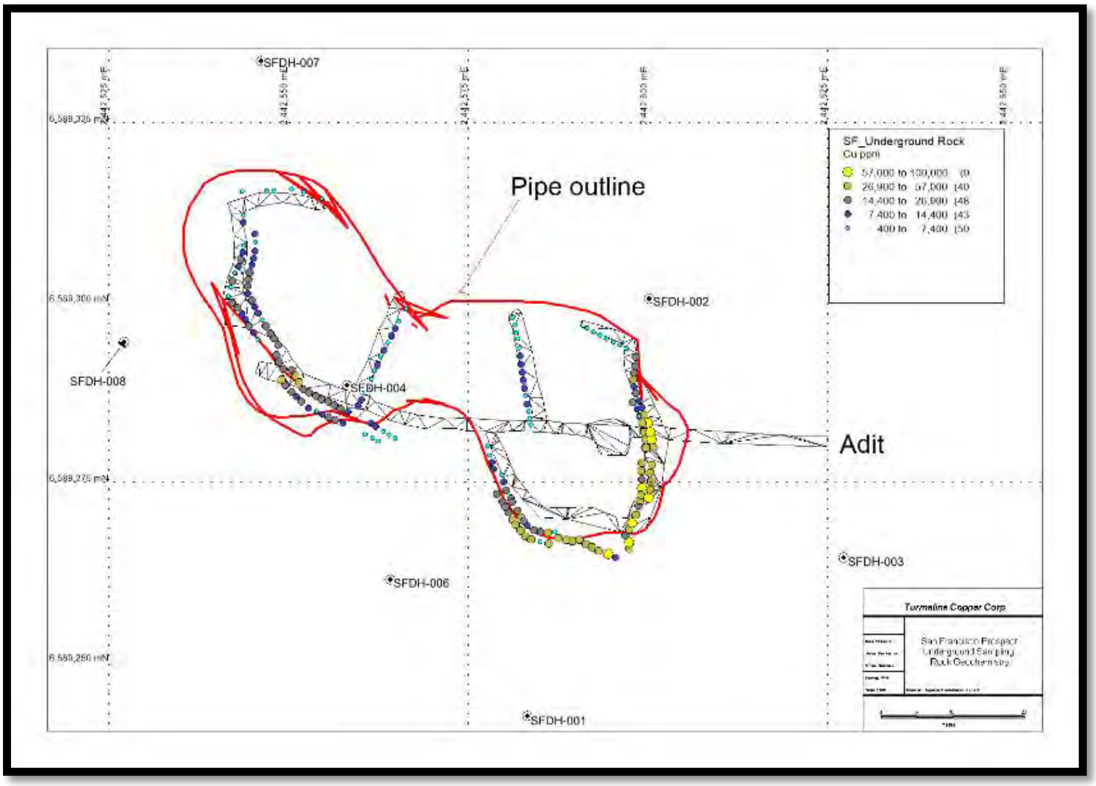


Figure 37 Copper distribution map for the San Francisco Underground sampling

9.2.1.3 Geophysics

An IP survey was conducted at the San Francisco mine during the same program as he other Petra Gold prospects. The mine is the largest in the property area and mined high-grade sulphide mineralization from a breccia pipe. Waste material on the dump commonly contained greater than 5% sulphide, and consequently Petra Gold expected the IP survey to show a strong chargeability response on the geophysical survey. The mine is a steeply plunging pipe-like body.

The geophysics section shows a steeply dipping contact defined by a zone of high chargeability to the south separated by a 400 m zone of low chargeability to the north. In plan, this low chargeability zone has a WNW trend towards the Amancay mine area. The resistivity section and maps do not show features clearly identifiable with the San Francisco mine (Wyck, 2008).

The zone of high chargeability is large. On the plans of the chargeability at 250 m below the surface, the area of >20ms chargeability covers an area 1 km long by 500 m wide. This area is far larger than the San Francisco breccia pipe. The resistivity over this same area was generally lower than elsewhere (Wyck, 2008).

9.2.2 Quebrada Seca

Mapping in the Quebrada Seca area led to selective sampling of the exposed quartz veins (Figure 38). In addition, a soil grid with samples collected along the same north-south oriented geophysical lines was completed. Most soil samples were collected at a 100 m spacing, however Petra Gold collected independently a detailed 25 m spaced soil samples centred over the area with high gold values in exposed quartz veins (Wyck, 2008).

9.2.2.1 Geology

The Quebrada Seca area is a central magmatic intrusion emplaced into an antiformal fold of Aqua Negra Formation arenites and semi-pelites. Intrusive contacts are sharp and faulted in places. Tourmaline breccias appear preferentially located along or close to intrusive-sediment contacts. Quartz veining is preferentially hosted within the intrusive rocks and they are of lesser extent within the adjacent meta-sediments (Figure 38) (Wyck, 2008).

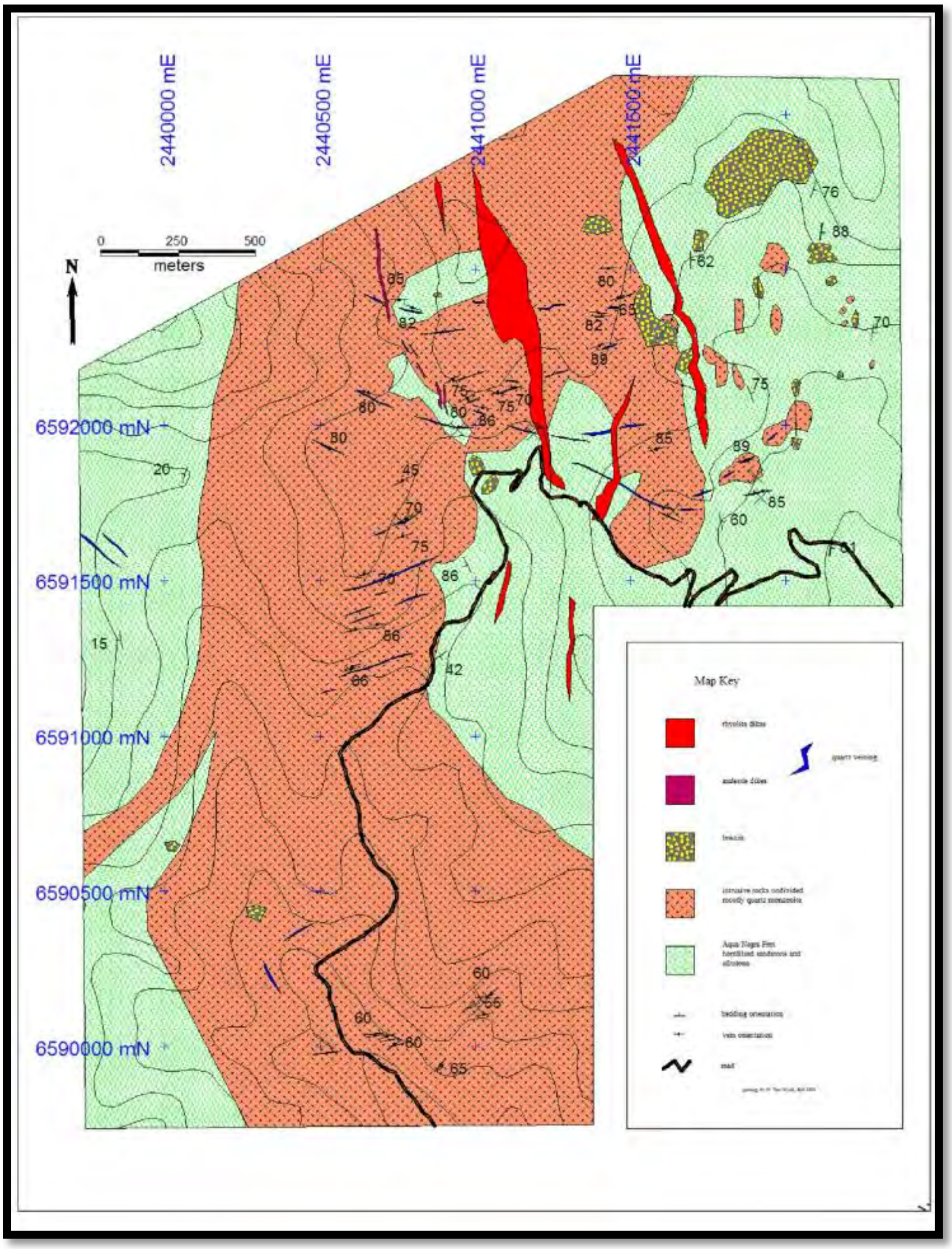


Figure 38 Quebrada Seca mapping (Wyck, 2008)

9.2.2.2 Geochemistry

Although past explorers, such as Buenaventura and Petra Gold, identified the numerous auriferous polymetallic quartz veins and their regional trend of WNW, E-W to ENE, at Quebrada Seca, no significant mineralization has been found to date. The veins appear to be narrow as described previously as being generally less than 0.5m wide (Wyck, 2008).

The following maps have been generated from the available data from all sources listed in Table 6 Geochemical sampling summaryTable 6, with the exception of TMC rock sampling.

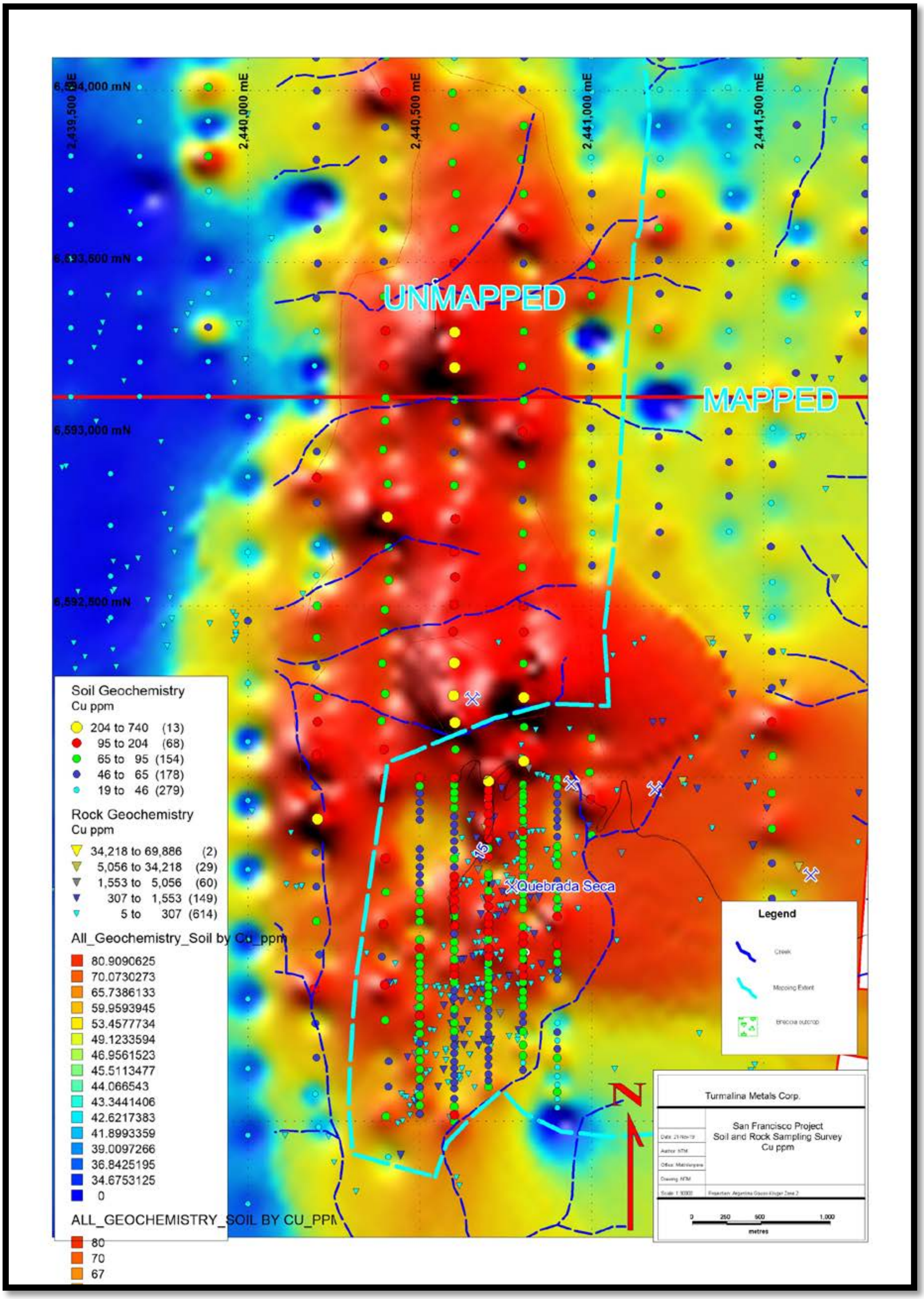


Figure 39 Copper in soil anomaly image and point map at Quebrada Seca

More impressive is the broader soil anomalous trend, which occurs as a north-south corridor of widespread gold and base metal soil anomalism heading north from the Quebrada Seca area. Much of this anomalous area is not mapped as shown in the accompanying figure, with the North-South light blue line defining the mapped/unmapped areas. Within this trend, many of the higher-grade localised copper and/or gold soil anomalies shown by this map could be due to breccia pipe outcrops or larger relatively unexplored quartz veins, which also show an ESE & ENE trends. This area is also lacking in rock chip sampling despite are large number of rock chips having been taken to the west of this area.

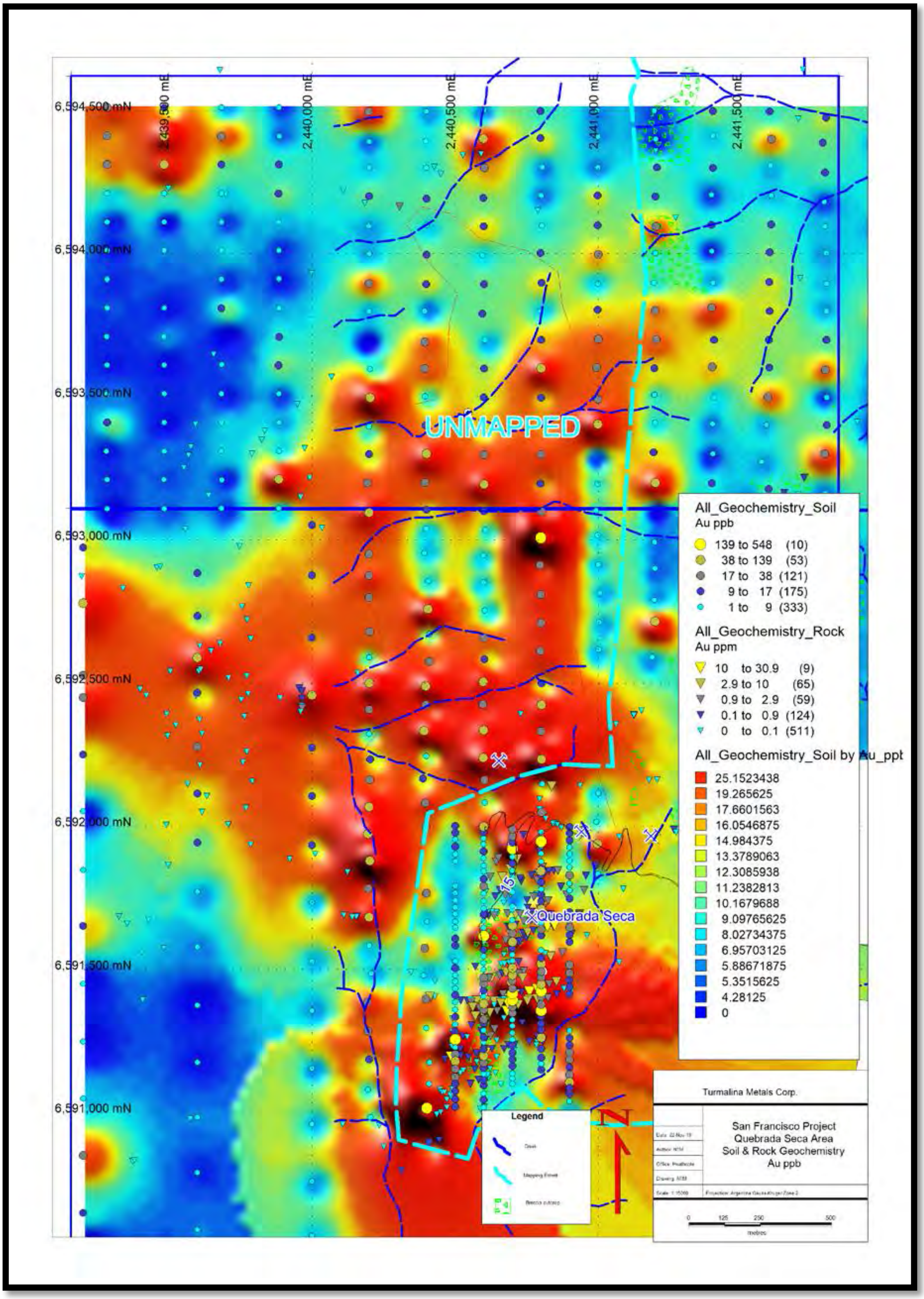


Figure 40 Gold in soil anomaly image and point map at Quebrada Seca

9.2.2.3 Geophysics

The Quebrada Seca area was traversed by seven 3D-IP geophysical lines. Inversion and analysis of the data permits division of the area into zones of high and low resistivity and zones of high chargeability (Chen, 2008). The main zone of high chargeability occurs along the northern end of the detailed Quebrada Seca (20m x 100m) grid and further north. The soil sampling at the northern end of this grid is increasing in anomalism and the later broader sampling shows a strong gold and base metal anomaly located in the vicinity of 2440600E 6592250N.

In the central portion of the Quebrada Seca 3D-IP grid over the zone with quartz veining with anomalous Au values, there is weak correlation between zones of high resistivity and Au in soil anomalies with the one area of high chargeability lying between two soil anomalies. However, the overview geophysical interpretation by Chen (2008) shows a broad zone of high chargeability extending SE. In summary, the geophysical data agrees with the structural and geochemical studies in the Quebrada Seca area showing two broad NW-SE oriented anomalies overlapping areas of anomalous soil geochemistry (Wyck, 2008).

9.2.3 Chorrillos Breccia Prospect

Mapping was conducted in the northern part of the prospect area in conjunction with the collection of 124 soil samples over a grid measuring approximately 1.7 km x 0.8 km.

9.2.3.1 Geology

The geology of the Chorrillos area is largely composed of a monzonite intrusive that has a number of tourmaline breccia pipes within it as well as within the nearby metasediments of the Aqua Negra formation (Figure 41).

An overview photograph of the area, presented earlier in the report, shows the prominent tourmaline breccias and in the middle distance the altered intrusive stock (Figure 5).

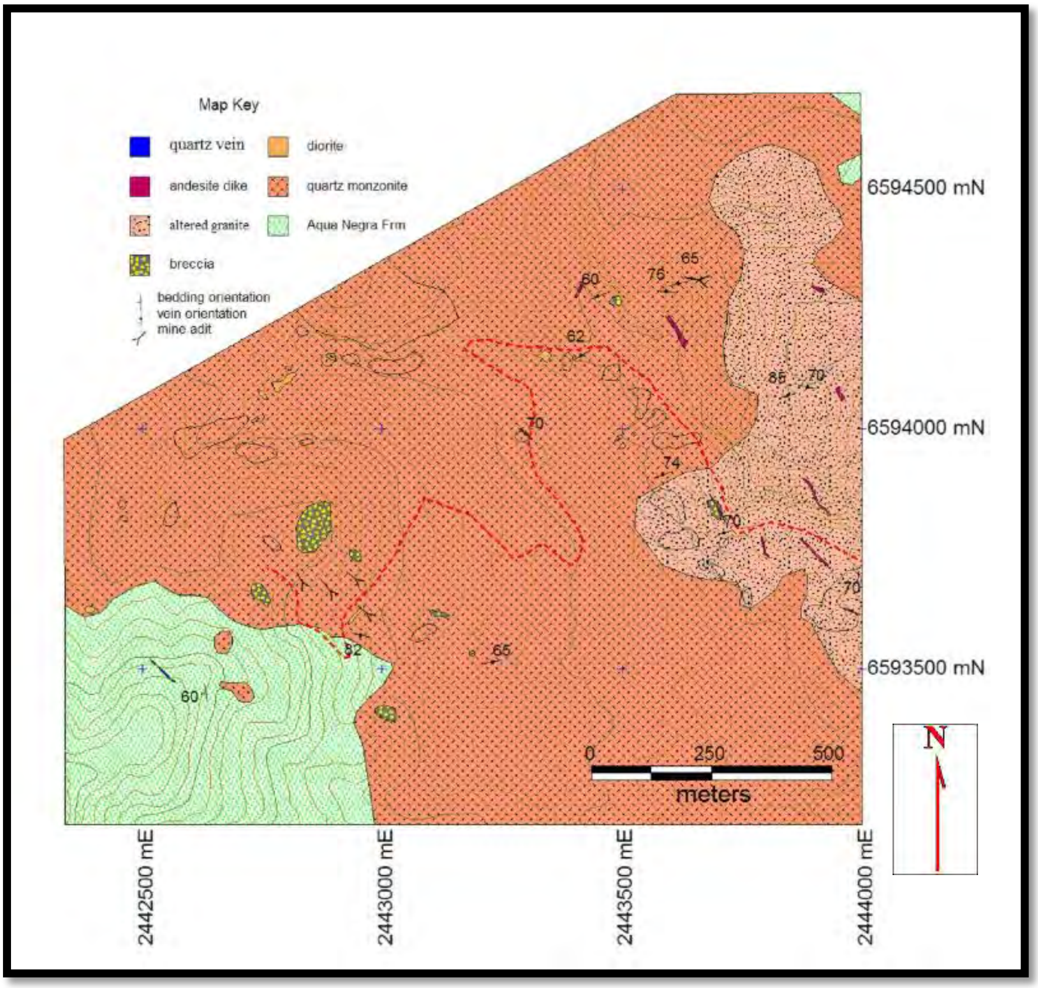


Figure 41 Chorrillos geology map (Wyck, 2008)

Mapped intrusive rocks are biotite granodiorite grading to quartz monzonite, magnetic diorite and an altered granite.

Tourmaline breccias are emplaced into the granodiorite and possess strong annular alteration haloes around the pipes. Previous exploration at Chorrillos had opened up several trenches adjacent to the main breccia pipe. The trenches exposed a well-developed annular alteration zone, that on account of the recessive nature are generally obscured by colluvium. The alteration haloes can approach widths of 100 m and consist of mostly sericite and lesser argillic altered granodiorite. Orbicular tourmaline rosettes within granodiorite also occur at Chorrillos (Figure 42). The Chorrillos breccia pipe is elliptical in shape with its long axis approximately 100 m in length, oriented NE and the minor axis measuring around 70 m (Wyck, 2008).

The largest area of alteration is associated with a granite (NB also mapped as rhyolite-dacite by Juarez) plug east of the Chorrillos breccia pipe, toward the eastern property boundary. The area stands out due to its pinkish color. The field notes distinguished this unit from the grey granodiorite as having a higher k-feldspar content, which possibly is due in part to potassic alteration. In addition to the strong overall potassic alteration, this unit possesses a superimposed zone of phyllic alteration defined by spaced veins of pyrite and quartz (Wyck, 2008). The author did not visit this area and cannot comment on these findings.

9.2.3.2 Structure

The Aqua Negra Formation shows bedding dipping SW at 60 degrees (Wyck,2008). Quartz veins with tourmaline alteration haloes consistently had strikes oriented NW. Four adits developed around the Chorrillos breccia pipe all were oriented NW and were developed on NW striking mineralized structures. All mapped andesite dykes similarly had NW strikes. In comparison, all mineralization within the altered granite porphyry was within NE oriented structures (Wyck, 2008).

Figure 42 Orbicular tourmaline granodiorite at Chorrillos.

9.2.3.3 Geochemistry

The adits adjacent to the Chorrillos breccia pipe were developed on NW trending mineralized structures. Exposures present in the roof and back walls showed quartz veins of less than 5cm wide with a glassy quartz rich core and vein margins with chalcocite, bornite, chalcopyrite and minor pyrite. Alteration haloes were narrow and sharp. Veining is not continuous and the adits rarely extended far into the hillside.

The soil geochemistry data discussed is not available apart from the map shown below (Figure 43).

The soil geochemistry shows that there are two areas of potential mineralization in the Chorrillos area. Soil anomalies are broadly associated with the tourmaline breccia pipe that was the focus of earlier drilling and historic mining. The anomalies were not centred on each other or the pipe, but the distribution can be explained by down slope dispersion and that there are several breccias in the area. The second area is shown by anomalous Pb, Zn and Cu associated with an altered granite porphyry adjacent to the eastern property line. The coincidence of alteration mineralogy, the favourable geochemistry and the presence of a small breccia pipe here makes this an area of interest (Wyck, 2008).

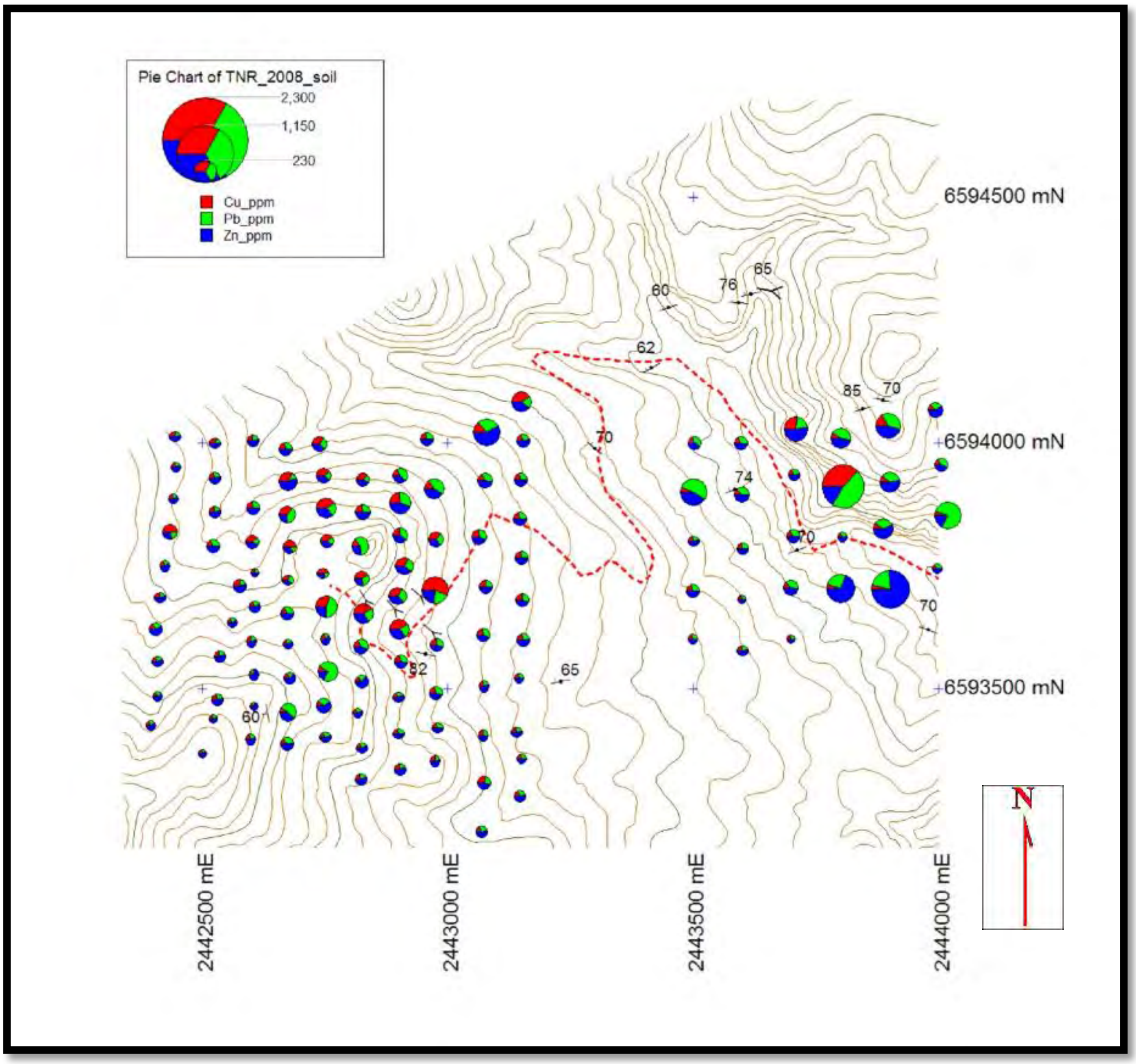


Figure 43 Soil Cu, Pb, Zn geochemistry at the Chorrillos prospect. (Wyck, 2008)

9.2.3.4 Geophysics

A geophysical survey was conducted at Chorrillos in 1996 (Jones, 1996) and the survey consisted of ground magnetics, resistivity/conductivity and gradient array IP on 7 north-south lines totalling approximately 25 line-km with a 400 m line spacing. The ground magnetic and conductivity data match the mapped geology quite well; the southern sediment-intrusive contact is well imaged and the total field magnetic data shows the more strongly altered granite intrusive as a magnetic low. The prominent tourmaline breccias show as subtle annular anomalies. In addition, the geophysics data also shows the strong NW -SE orientation to contacts between geophysical domains, which presumably mark fault and intrusive contacts (Wyck, 2008).

Two EW oriented IP lines were run just north and south of the main Chorrillos breccia pipe. The data array was a dipole-dipole configuration with a 100 m spacing. A section of superimposed drilling onto the southern dipole-dipole IP line (N93700) is presented below, together with a plan of the geology. The geophysical data shown was reprocessed by SJ Geophysics from the original Quantec data (Chen, 2008). The IP indicates that the drilling by Solitario in 1996 did not extend deep enough to evaluate the target (Wyck, 2008) (Figure 44).

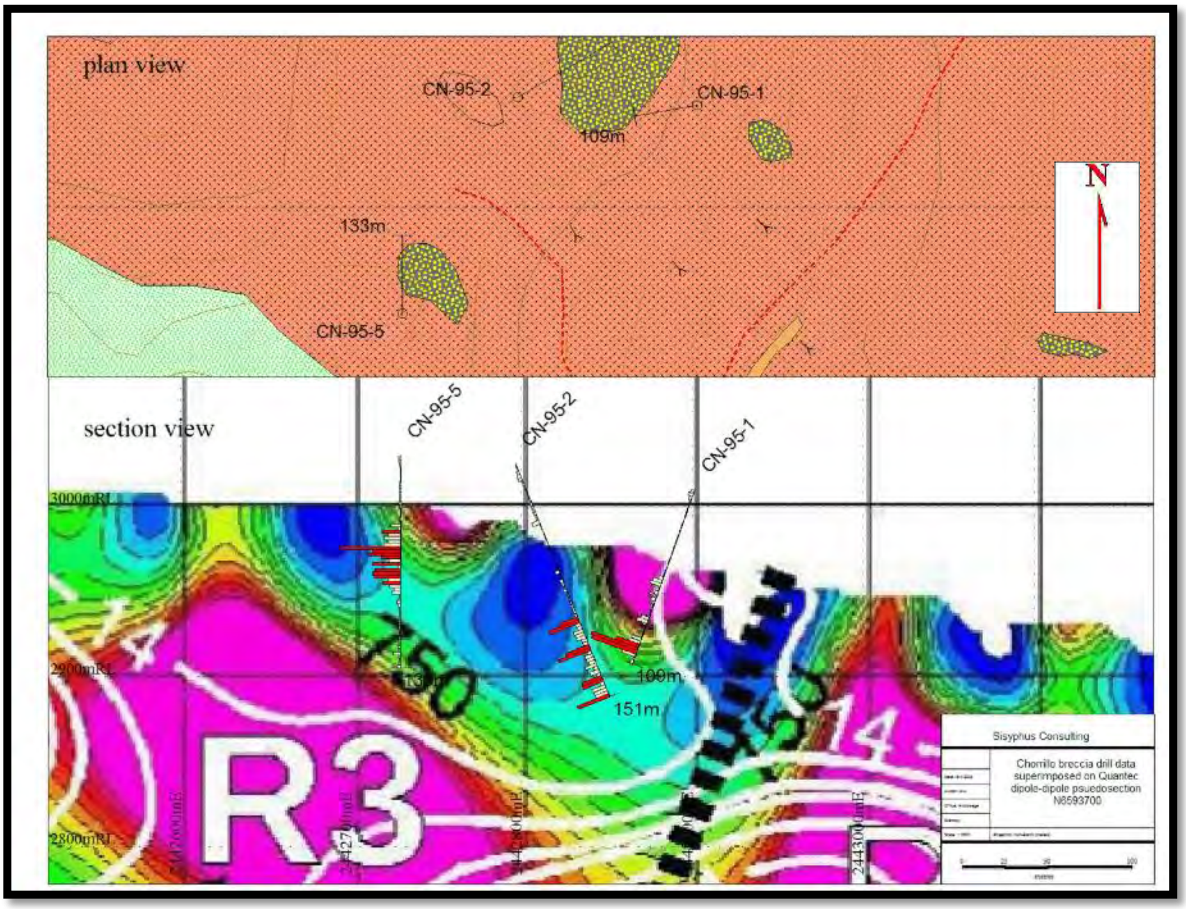


Figure 44 Solitario drilling & IP geophysics section & geological plan at Chorrillos (Wyck, 2008)

10 Drilling

10.1 General

There have been a number of drilling programs held within the San Francisco project.

Initially two vertical diamond drill holes were drilled at San Francisco mine by the Argentine Mines Department and then later a five drill-hole program Compania Minera Aguilar SA at the San Francisco mine for a total of 421.6 meters was completed in 1990. The core for the initial two holes DDH_P1 & DDH_P2 is not available, but the remaining 5 five holes was held in storage by Minera Aguilar. The drill core for DDH05 was BQ 36.5mm in diameter and for DDH02 the core size was NQ 47.6mm. The core was split in half for assaying. More recently, Turmalina Metals used the remaining core from two of these holes for re-assaying (DDH02 & DDH05) as a means of comparative assay study for the old assays.

Later Solitario Resources (Drinkard, 1996) drilled five RC holes for a total of 632 meters at various locations in the Chorrillos area.

In 2008, Petra Gold in association with TNR drilled another eight diamond holes for a total of 1961 meters at various locations within the project area (Table 9).

Hole ID	Easting	Northing	RL	Depth	Azimuth	Dip	Prospect
CN-95-1	2442893	6593764	3004	109	260	-70	Chorrillos
CN-95-2	2442791	6593767	3016	151	60	-65	Chorrillos
CN-95-3	2444138	6595059	3027	151	16	-56	Chorrillos Far NE
CN-95-4	2443357	6594543	2871	88	0	-90	Chorrillos NE
CN-95-5	2442726	6593637	3018	133	360	-70	Chorrillos SW
DDH-ET-0801	2442793	6593762	3032	440.4	60	-60	Chorrillos
DDH-ET-0802	2442727	6593631	3018	200	0	-70	Chorrillos SW
DDH-ET-0803	2443040	6588518	2577	317.2	240	-70	SE of San Francisco
DDH-ET-0804	2440700	6591715	3090	398.2	180	-70	Quebrada Seca
DDH-ET-0805	2440698	6591939	3100	202.1	180	-50	Quebrada Seca
DDH-ET-0806	2440599	6591414	3029	202.6	180	-60	Quebrada Seca
DDH-ET-0807	2440808	6591493	3022	200.5	180	-60	Quebrada Seca
DDH_P1	2442588	6589281	2722.16	150	0	-90	San Francisco
DDH_P2	2442557	6589292	2722	170	0	-90	San Francisco
DDH01	2442578	6589304	2736	55.9	239	-48	San Francisco
DDH02	2442578	6589304	2736	125.75	239	-69	San Francisco
DDH03	2442578	6589304	2736.37	49.4	218	-45	San Francisco
DDH04	2442600	6589303	2730.8	99.9	235	-66	San Francisco
DDH05	2442575	6589242	2713.7	90.65	17	-51	San Francisco

Table 9 Historic Drillhole Summary Table

Assay and geological logging results for all of this drilling has been compiled from plans, sections and the original tables. Given the era of the drilling, no assay checks or quality control sample data is available.

Drill collar locations have been confirmed by ground checking with handheld GPS units. In the case of the Petra/Solitario holes, the drill collars are marked in concrete at each site (Figure 45 & Figure 46). The drill holes at San Francisco are marked by the original steel casing.

Only downhole surveys were conducted for the 2008 drilling carried out by Petra/TNR and have been incorporated into the database.

Figure 45 Photo of DDH-ET-801 collar at Chorrillos

Figure 46 Collar marker for hole CN-2-95

Information about the depth & orientation has also been compiled from the original sources as much as possible. Inspection of some of these drill sites confirmed their location.

10.2 San Francisco Mine

The initial drilling was carried out by the Mines Department of holes DDH_P1 (150m) and DDH_P2 (170m). It is not known what year this drilling was completed. These drill holes were placed within each lobe of the breccia and drilled vertically entirely within the breccia pipe (Figure 4). This was followed by a five-hole drill program at San Francisco in 1990. The following mineralised intercepts are summarised based upon a 1000ppm copper minimum grade and a 3m interval maximum of internal waste as well as a minimum mineralised intercept of 3 meters, based upon the complete assay work sheets.

The drilling is in various orientations and inclinations, including some vertical holes that have drilled down the mineralized zone associated with the vertical tourmaline breccia pipe. These vertical holes have no width component (NA) and the other holes have horizontal widths calculated according to the inclination of the hole. Holes with multiple intercepts have overall horizontal width of mineralization shown.

Hole ID	Inclin.	Hor. Width	From	To	Interval	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
DDH_P1	-90	NA	30.70	77.35	46.30	5.15	99.15	5131	2495	356	511
DDH_P1			77.35	97.50	20.15	no core recovered					
DDH_P1			97.50	115.00	17.50	0.02	26.64	2373	5329	5380	47
DDH_P1			125.90	133.40	7.50	0.76	38.11	3270	1915	603	39
DDH_P2			25.65	66.00	40.35	4.88	43.36	8323	4630	2373	470
DDH_P2	-90	NA	70.90	122.50	51.60	0.13	35.50	3637	1189	3855	1538
DDH_P2			127.50	152.30	24.80	0.02	4.81	3142	2485	1947	16
DDH01	-48	8.2	38.55	53.20	14.65	1.73	53.81	4416	1616	256	207
DDH02	-69	31.0	35.55	92.65	57.10	2.04	118.91	4669	21931	5753	147
DDH02	-69		95.70	122.50	26.80	0.52	93.04	4752	8474	5667	1037
DDH03	-45	6.4	40.35	49.40	9.05	1.02	68.71	24917	1512	157	940
DDH04	-66	21.0	30.90	34.90	4.00	2.63	23.38	1195	911	23	710
DDH04	-66		42.50	74.25	31.75	3.05	56.26	9829	5872	3485	359
DDH04	-66		83.55	94.65	11.10	0.58	33.46	7023	1072	1148	25
DDH05	-51	25.0	44.35	84.25	39.90	3.88	71.14	10958	2377	946	918

Table 10 Mineralised intercept summary from San Francisco mine by Minera Aguilar (1990)

In 2019, TMC drilled at the San Francisco deposit with 1571.75m drilled in 10 holes, for an average depth of 157 meters using diamond drilling techniques.

Drillhole	East WGS84	North WGS84	Elevation WGS84	Azimuth (deg)	Dip (deg)	From (m)	To (m)	Breccia Interval (m)	Width (m)	Length (m)	Date Initiated	Date Finalized
SFDH-001	442517	6588440	2750	20	-52	34.50	71.50	37.00	22.80	100.40	16-06-19	07-07-19
SFDH-002	442534	6588498	2763	200	-70	27.00	116.20	89.20	30.50	161.00	06-07-19	10-07-19
SFDH-003	442561	6588462	2747	280	-57	45.00	149.40	104.40	56.90	156.00	08-07-19	18-07-19
SFDH-004	442492	6588486	2765	100	-70	0.00	125.00	125.00	42.75	143.40	10-07-19	15-07-19
SFDH-005	442492	6588486	2764	345	-70	0.00	118.00	118.00	40.40	131.00	16-07-19	18-07-19
SFDH-006	442498	6588459	2759	20	-60	28.00	79.35	51.40	25.70	100.25	19-07-19	23-07-19
SFDH-007	442480	6588531	2776	165	-65	5.00	165.70	160.70	67.90	169.80	19-07-19	25-07-19
SFDH-008	442461	6588492	2766	60	-75	3.80	215.40	211.60	54.80	215.40	24-07-19	08-08-19
SFDH-009	442480	6588531	2776	240	-70	3.00	50.70	47.70	16.30	146.50	26-07-19	30-07-19
SFDH-010	442480	6588531	2776	345	-65	15.20	248.00	232.80	98.40	248.00	31-07-19	05-08-19
										1571.75		

Table 11 TMC Drilling Program 2019

The subvertical tourmaline breccia pipe was intersected in each drill hole and each hole was completed to target depth. A calculated horizontal width (“Width”) has been included in the table as an indication of true width for each drill hole, but given that the deposit is pipe shaped this length or width will vary considerably depending upon which part of the pipe is drilled and how that shape will vary as can be seen in the plan (Figure 47). Drillhole SFDH010 in the northwest indicates a new breccia zone has been intersected to the northwest of the original San Francisco deposit. This area shows considerable surface tourmaline and silica alteration.

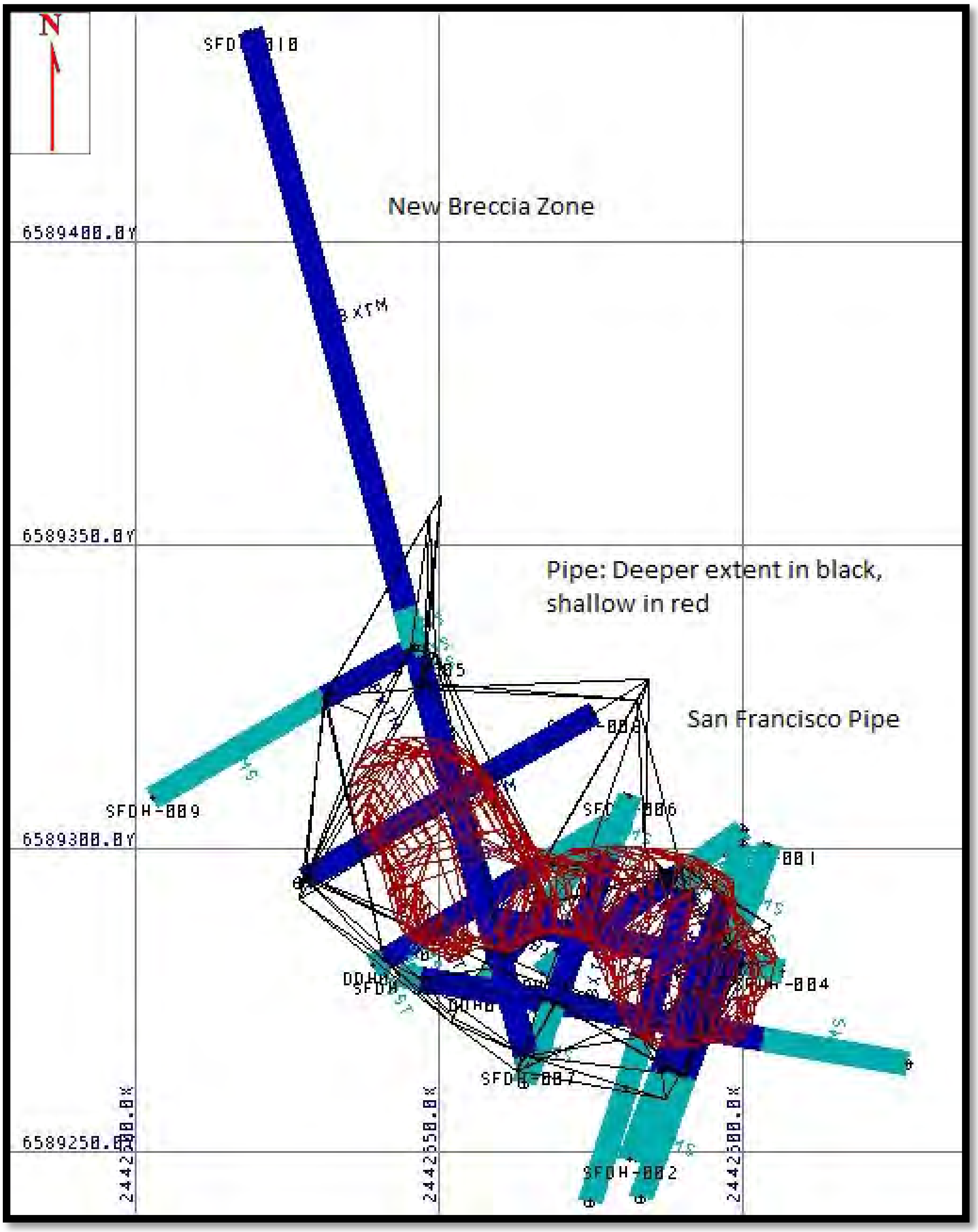


Figure 47 Plan of the latest drilling from San Francisco Deposit (GKZ2)

Assays of the drilling carried out by TMC this year have confirmed the earlier drilling results with a polymetallic breccia being established to greater depths as well as showing the continuous nature of the mineralization.

The map of the drill intersection shows that the mineralization is restricted to the tourmaline breccia and that zones of mineralization within the breccia are continuous. The circular nature of the breccia pipes is also reflected in the more detailed drilling of the eastern lobe at San Francisco dlA (Figure 48). Only the drill intersections of the assays carried out by TMC are presented, including the DDH02 and DDH05 resampling.

A table of the significant drill intersections of TMC 2019 drilling are presented with various precious and base metal content based upon a gold cut-off grade of 0.5 ppm Au and maximum of 2m internal waste and minimum length of 2m. The downhole interval is shown as well as the horizontal width ("Width") in order to present an attempt at true width, but given the circular nature of the tourmaline breccia deposit, as well as the preferential zones of mineralization within toward the rim of the breccia, then this width is dependent upon whether or not the drill hole is drilled through the centre or the edge of the breccia pipe (Table 12).

A review of the weathering and oxidation in respect of the mineralization shows that the gold, silver and base metal mineralization are not restricted to the oxide and supergene zones of the deposit and that they extend into the primary zone of the deposit.

The main San Francisco lobes are consistently mineralized within certain sections of the breccia pipe, while the new zone of breccia intersected in drillhole SFDH-10 is sporadically mineralized with intercepts such as 2m @ 6.38 ppm Au. The significance of this mineralization within SFDH-10 is yet to be determined.

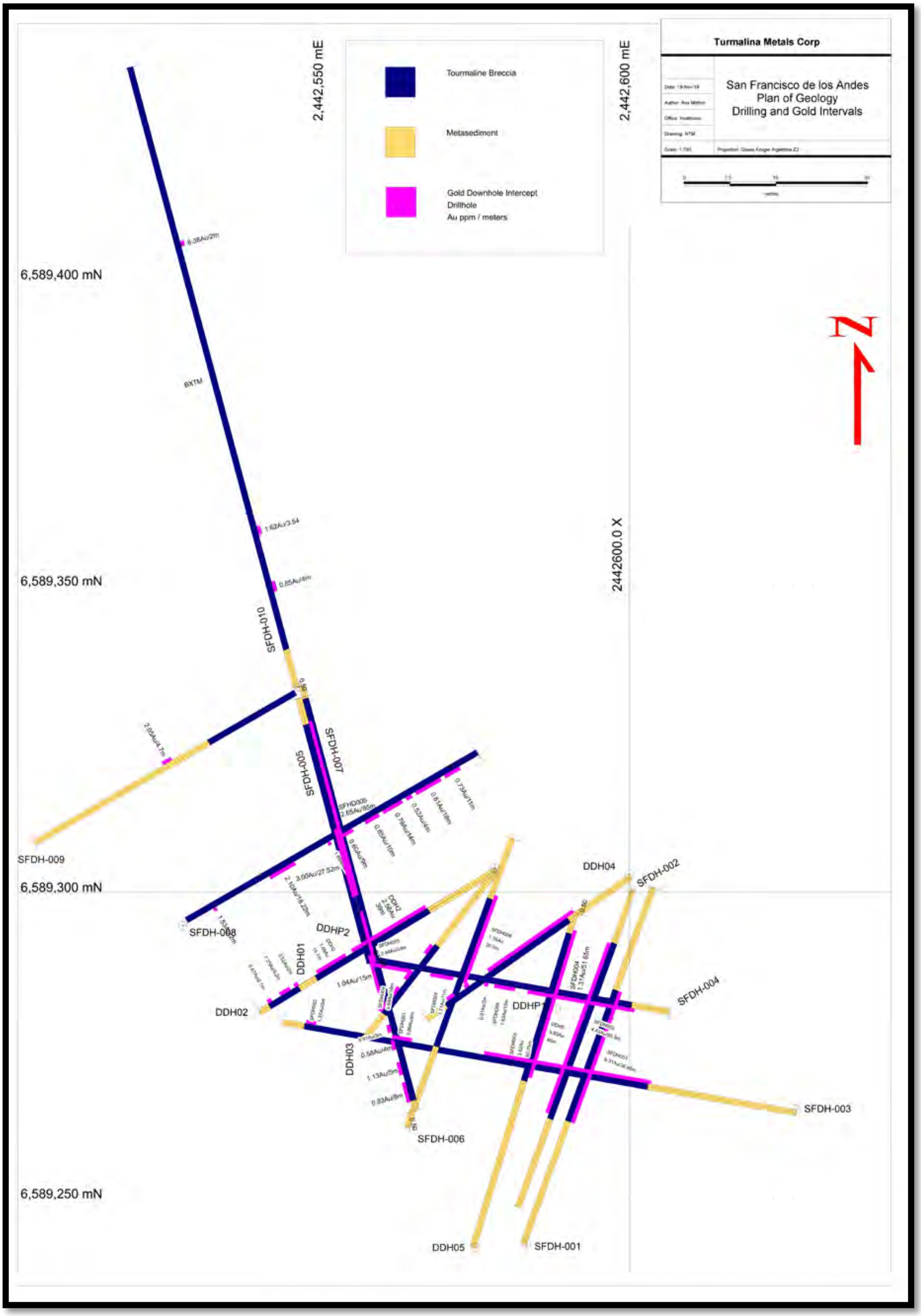


Figure 48 San Francisco dlA geology & TMC >0.5ppm Au drill intercepts.

Hole ID	From (m)	To (m)	Interval (m)	Width (m)	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
SFDH-001	34.50	71.45	36.95	22.76	6.31	122.49	8815	2336	464	2550
SFDH-002	27.70	114.00	85.30	29.49	4.43	109.03	7862	4931	519	1237
SFDH-003	44.25	95.00	50.75	27.60	3.62	81.86	19020	2826	1484	1309
SFDH-003	117.00	123.00	6.00	3.25	0.86	12.83	179	3774	1112	5
SFDH-003	146.00	149.00	3.00	1.62	1.37	346.67	8973	14687	11080	5278
SFDH-004	0.00	18.00	18.00	6.05	0.84	5.74	162	596	217	37
SFDH-004	28.00	39.00	11.00	3.80	1.71	12.32	3808	1094	97	98
SFDH-004	54.00	56.00	2.00	0.69	0.91	29.30	6535	471	1404	67
SFDH-004	59.00	69.00	10.00	3.42	1.63	72.98	5362	7670	6077	122
SFDH-004	75.00	126.65	51.65	17.70	1.31	80.48	5303	10148	9194	565
SFDH-005	0.00	25.00	24.00	8.56	2.46	13.35	1004	643	121	287
SFDH-005	33.00	119.00	85.00	29.43	2.65	87.66	5736	6975	1620	165
SFDH-006	50.50	81.00	30.50	15.26	1.35	60.07	3386	10496	9002	215
SFDH-007	56.48	84.00	27.52	11.59	3.00	124.31	3686	8462	3010	487
SFDH-007	107.00	122.00	15.00	6.34	1.04	46.69	3654	6201	9016	33
SFDH-007	135.00	138.00	3.00	1.27	0.91	3.16	4629	221	541	2
SFDH-007	141.00	145.00	4.00	1.68	0.58	18.27	960	11123	2834	11
SFDH-007	150.00	155.00	5.00	2.10	1.13	52.92	5206	4246	1394	41
SFDH-007	158.00	166.00	8.00	3.37	0.83	444.25	24536	15244	8810	4847
SFDH-008	22.00	24.00	2.00	0.52	1.53	9.66	357	2893	125	60
SFDH-008	62.78	81.00	18.22	4.72	2.10	66.45	5514	3132	1273	521
SFDH-008	105.00	107.00	2.00	0.51	1.89	6.70	360	798	1668	10
SFDH-008	114.00	123.00	9.00	2.33	0.60	24.25	4775	638	2532	13
SFDH-008	132.00	142.00	10.00	2.60	0.85	19.92	6463	1303	811	6
SFDH-008	145.00	159.00	14.00	3.61	0.79	10.07	2276	2592	1508	14
SFDH-008	162.00	166.00	4.00	1.04	0.52	11.57	1754	4467	27058	14
SFDH-008	169.00	187.00	18.00	4.67	0.61	19.02	2962	506	312	6
SFDH-008	190.00	201.00	11.00	2.81	0.73	31.65	4116	542	321	22
SFDH-009	70.00	74.70	4.70	1.61	2.05	71.06	8983	1984	1436	4789
SFDH-010	38.00	42.00	4.00	1.70	0.65	45.86	3663	2077	363	315
SFDH-010	60.60	64.14	3.54	1.50	1.62	78.29	15415	3127	2075	3236
SFDH-010	176.00	178.00	2.00	0.84	6.38	6.92	520	252	142	94

Table 12 Significant TMC 2019 drilling intersections for the San Francisco dlA prospect

10.3 Chorrillos

The RC percussion drilling carried out in the Chorrillos area by Solitario in 1995 has recorded copper mineralised intercepts at the main Chorrillos breccia as well as the smaller tourmaline breccia located 170m to the southwest, Chorrillos South West.

The overall mineralised horizontal width is estimated based upon a vertical pipe and mineralized zone interpretation. Where there are a number of intercepts within the same hole that are close by each other the overall width is presented, such as hole CN-95-2, as this is a reasonable mining scenario.

Hole ID	Inclin.	Horiz. Width	From	To	Interval	Au ppm	Ag ppm	Cu ppm	Prospect
CN-95-1	-70	1.8	57	62.5	5.5	0.02	2.69	1168	Chorillos
CN-95-1		4	93	105	12	0.03	10.23	3049	Chorillos
CN-95-2	-65	22	99	103	4	0.07	1.5	3024	Chorillos
CN-95-2			107	113	6	0.03	4.07	1126	Chorillos
CN-95-2			117	125	8	0.02	1.5	2125	Chorillos
CN-95-2			129	151	22	0.03	4.89	1630	Chorillos
CN-95-5	-70	15	43	87	44	0.03	3.35	2183	Chorillos SW

Table 13 Mineralised intercept summary from Chorrillos by Solitario (1995)

10.4 Quebrada Seca

The diamond drilling program by TNR/Petra conducted in 2008 located minor gold mineralization at Quebrada Seca (Table 14).

The orientation of the mineralization at Quebrada Seca is not known and appears to be hosted by quartz veins or veinlets in various orientations that are relatively small.

Hole	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Location
DDH-ET-0804	100.70	101.70	1.00	0.36	5.32	153	1195	2103	2.5	Quebrada Seca
DDH-ET-0804	127.40	128.20	0.80	9.15	78.98	2260	4658	651	145.4	Quebrada Seca
DDH-ET-0804	295.40	297.30	1.90	2.03	24.45	595	5827	3590	11.37	Quebrada Seca
DDH-ET-0805	93.20	94.70	1.50	0.96	0.25	113	23	90	2.5	Quebrada Seca
DDH-ET-0806	23.00	24.60	1.60	0.51	4.22	73	2563	378	20.3	Quebrada Seca
DDH-ET-0806	36.60	38.10	1.50	0.22	0.73	117	155	524	16.9	Quebrada Seca
DDH-ET-0807	57.00	57.90	0.90	1.77	6.36	262	496	1064	13.3	Quebrada Seca
DDH-ET-0807	127.70	129.00	1.30	0.21	31.58	163	1789	1609	339.8	Quebrada Seca

Table 14 Mineralised intercept summary from Chorrillos & Quebrada Seca by TNR/Petra (2008)

11 Sample preparation, analyses and security

Drill core for the 2019 drilling program was cut in half lengthwise and sampled at generally 1m or 2m intervals. Typically, the samples are about 3kg in weight. Samples were stored in a secure facility prior to despatch to ALS Global for analysis. Blank samples were inserted at the beginning of each submitted batch. Known commercial assay standards were also included in each batch at intervals of tenth or twentieth sample point. Duplicate quarter cut core samples were also submitted for assay at rate of one in thirty samples.

Samples were sent to ALS Global sample preparation facility in Mendoza, Argentina and then the sample pulps were sent to the laboratory in Santiago, Chile for final analyses.

Sample processing by ALS Global laboratory services are presented in the following table (Table 15).

Method	Description
WEI-21	Crush
CRU-QC	Crush QC Test
BAG-01	Re-bagging of excess raw sample or pulp for storage.
CRU-31	Fine crushing of rock chip and drill sample to better than 70% -2mm. Standard prep for samples where a representative split will be pulverized
LOG-22	Log sample in tracking system - Samples received without bar code labels attached
LOG-24	Log received sample pulp in tracking system - Sample pulps received without bar code labels attached
PUL-32	Pulverize a 1000 g split to better than 85% passing minus 75 micron.
SPL-21	Split sample using riffle splitter. Standard splitting procedure.
SPLIT-G	Create G split
PUL-QC	Pulverizing QC test
LOG-QC	QC Test for samples received as pulp or reject
FA-FUS02	Fire Assay Fusion (50g) with lead flux and Ag collector
Au-AA24	Au by fire assay and AAS, 50 g nominal sample weight
GEO-4A01	Four Acid "near" Total digestion (HF-HNO3-HClO4) for ME-MS61 finish
ME-MS61	Multi-Element Ultra Trace method ideal for exploration in soils or sediments, not appropriate for mineralized samples. A four-acid digest is performed on 0.25g of sample to quantitatively dissolve most geological materials. Analysis via ICP-MS + ICP-AES
ASY-AR01	Aqua Regia Digestion for OG46 method - 0.4g to 100 ml.
ME-OG46	Multi Element OG46
Cu-OG46	Ore Grade Cu by Aqua Regia Digestion and ICP-AES
Zn-OG46	Ore Grade Zn by Aqua Regia Digestion and ICP-AES
Pb-OG46	Ore Grade Pb by Aqua Regia Digestion and ICP-AES
Ag-OG46	Ore Grade Ag by Aqua Regia Digestion and ICP-AES

Table 15 ALS Global sample preparation and analyses process

Sample preparation for the 1990 San Francisco drill core was carried out Minera Aguilar staff who split the core in half and submitting the samples to a local mine-based laboratory.

TMC has conducted further core analyses to repeat some of the assays & review the potential for bias. The mineralised intercepts were repeated by ALS Global on the remaining half core for DDH02 & DDH05. The core was sampled at the same intervals used previously and delivered to the ALS Global sample preparation facility in Mendoza. The prepared pulps were forwarded to their analysis laboratory in Santiago, Chile. Samples were dried, crushed and pulverised, prior to analysis by Au-AA24 and ME-MS41 techniques. Au-AA24 is a standard 50g fire assay using lead collection and aqua regia digest and AAS finish. ME-MS41 is an aqua regia digest and an ICP-MS (Inductive coupled plasma – Mass spectrometer) analysis using a 0.5g charge suitable for low level detection and includes 53 elements. The drill core was analysed in a single batch with job number ME18326761 completed on 19 January 2019 and consists of 81 samples. This batch has 12 sets of laboratory duplicates and 37 sets of standards and blanks analysed by ALS Global. TMC also added 5 standards and 6 blanks to the same batch to ensure assay quality. The ICP-MS assays included boron in the suite, and given the high levels of tourmaline in the samples it would have been expected to yield a response however aqua regia is not suitable for this process and a four-acid digest with hydrofluoric acid is necessary for that to yield a meaningful assay.

The sampling handling, preparation and analyses conducted by TMC for the sampling of their own drill core as well as the resampling of the drill core and the rock chip sampling are of an adequate standard. The earlier assaying techniques used by Minera Aguilar are not of sufficient quality to allow future usage such as in resource estimation.

Sample preparation for the early drilling conducted by Solitario in 1995 is unknown and the samples analyses were for Au, Ag and Cu – all in the ppm range. The assay results appear to be adequate for the information available and the collection and presentation of the data was of a high standard despite the lack of quality control information available.

Sample preparation methods and analytical techniques used by Petra/TNR during the 2000 decade are consistent. Rock, soil and stream silt samples were assayed at the same facility – Alex Steward Assay (ASA) in Mendoza, utilizing the same sample preparation codes and almost identical analytical packages. Soils and stream silts were prepared using prep code P-2, which is dry entire sample in electric ovens, complete sieve to <#80 mesh, split 200 gm for analysis. Rocks were prepared using prep code P-5, which is dry entire sample in electric ovens, then complete crush of sample in jaw crushers to #10 mesh, split sample to 0.8 kg with riffle splitter and finally pulverization of sample to 85% under #200 mesh (Wyck, 2008).

Petra/TNR samples analysed for gold using conventional fire assay techniques on a 50 g sample, finished by atomic absorption methods with a minimum detection limit of 0.01 ppm. Soils and silts were analysed to a 1 ppb detection limit for gold. The remaining elements were analysed using ICP-OES following aqua regia digestion (Wyck, 2008).

In 2008, Wyck delivered all samples directly to the assay laboratory and so the samples were either on site or in Petra Gold's secure warehouse facilities in San Juan prior to delivery. Alex Steward Assay (ASA) Argentina is a certified ISO 9001 :2000 company for the preparation and analysis of geochemical samples (Wyck, 2008).

For the geochemical ground surveys conducted by TNR/Petra in 2008 a series of rock and soil sample blanks were introduced into the sample stream. All of these samples returned background values. In addition, the assay lab repeated every 10th sample. These reported values showed no significant variation. Commercial pulp standards were not used in the Petra Gold & TNR sampling; however, the results produced by ASA based on the requirements of ISO 9001:2000 certification were considered satisfactory (Wyck, 2008).

The author believes that geochemical and drilling exploration work conducted by Petra Gold and TNR staff used adequate sample handling and laboratory preparation and that the selection of the analytical techniques was appropriate for the task of discovering further mineralization. There does not appear to be any abnormal or erroneous sets of data within the review. Interpretation of this data is presented in Section 19.

11.1 Sampling Method and Approach

A summary of the various assay techniques used for the geochemical surveys illustrates that 1941 samples have Au, Cu, Pb, Zn, As, Mo and commonly Ag assays.

Samples	Count	Method
No Assays	55	
Au	410	Fire Assay

Cu	410	Acid digest/AAS finish
Pb	410	Acid digest/AAS finish
Zn	410	Acid digest/AAS finish
Ag	293	Acid digest/AAS finish
As	410	Acid digest/AAS finish
Mo	410	Acid digest/AAS finish
Au & 43 element scan	1531	Fire Assay & ICP

Table 16 Assay technique summary for the geochemical sampling

The soil sampling that was conducted by Petra and TNR used the grid that was marked up and used by the geophysicists for the IP survey so that the actual location control would be expected to be quite good. Onsite sampling was not supervised by geologists which is why there is no lithological logging of the soils samples that were taken. The grid used for the soil sampling is 200 m line spacing (E-W) and sampling undertaken every 100 meters (N-S) (Wyck, 2008).

An area of approximately 1.7 x 2.7 km was sampled (approximately 475 hectares). Following this survey centred over the area containing gold-base metal quartz veins, a second soil survey was completed over the most promising target area, which was considered to be a quartz veined porphyry target by TNR. This survey was based on 75 x 75 m soil grid and covered and area of approximately 114 hectares. In both of these cases typical soil samples were collected by digging with a shovel or pick axe down to bedrock and collecting an approximately 1 kg soil sample. No sieving was used. The soils in this area are lithosols/talus fines – there is very little vegetation and A and B soil horizons are not developed (Wyck, 2008).

Practically all the samples were assayed for gold by fire assay 50-gram charge with a 0.01ppm lower detection limit for rocks and a 1 ppb detection limit for soils. Wyck (2008) primarily focused on mapping and sampling quartz veins. Rock chip samples were for the most part selective rock chips, rather than spatially representative rock chips. Quartz vein samples focused on limonite-rich portions of veins, or texturally banded and distinct portions of veins. Sample sizes of 1 kg were typical and a selective hand sample was retained for later thin sectioning. No uniform sample density was utilized, but each vein was sampled at least once. Because of the selective nature of the rock sampling the values reported are likely to over emphasize grade (Wyck, 2008).

Inspection of the drill core from both the San Francisco and Chorrillos/Quebrada Seca drilling show that the core was half split at San Francisco and half cut for the Petra/TNR drilling. Half of the core was sent for assay. The remaining core is in remarkably good condition and it is easy to navigate through the core boxes (Figure 49, Figure 50 & Figure 51).

Samples from the early 1995 Solitario RC drilling such as chip trays are apparently not available.

Turmalina Metals Corporation (TMC) have conducted resampling of two drill holes at San Francisco, namely DDH02 and DDH5, where the entire remaining half core was sent for laboratory analyses. Therefore, there is no longer any remaining core from those two holes where new assays have been generated.

Figure 49 San Francisco drillhole DDH04 portion of the tourmaline breccia intercept.

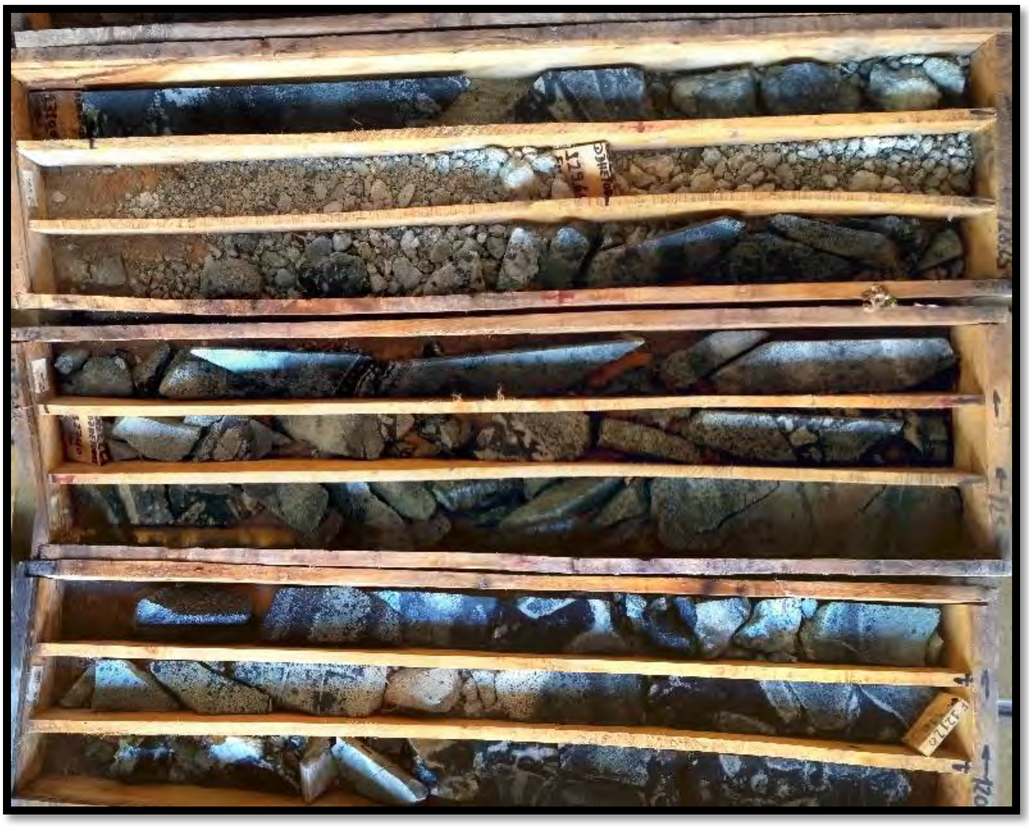


Figure 50 DDH-ET-801 drill core from the Chorrillos Prospect

Figure 51 DDH-ET-802 drill core from the Quebrada Seca prospect

12 Data Verification

12.1 Regional Geochemistry

The regional geological and topographical mapping was presented as raster images rather than vector data. The drilling data was presented as scans of sections, maps, assay sheets & geological logs. Some of the geological logging had been transposed into Excel spreadsheets or was originally done in Excel. The assays are recorded in Excel spreadsheets (Petra) or as scanned copies of the original assay work sheets (Minera Aguilar drilling).

The Petra Gold/TNR geochemical data of soil, rock and streams sediment samples, includes rock descriptions, coordinate locations in Gauss-Kruger Campo Inchauspe Zone 2 projection and assay spreadsheets. The assay data was not the original assay data from the laboratory but rather a compilation of the information gathered. The underground sampling of the San Francisco mine was presented as scanned maps and scanned original assay sheets, which were reviewed by the author and from which a dataset was created. Resampling of the underground drives was carried out by TMC and included sampling locations and original assay sheets. This information was reviewed in the field by the author, with the corresponding underground sampling locations marked on site and assay data in hand. The ore is very visual in terms of the various copper minerals present such as chrysocolla, malachite, azurite, chalcopyrite, galena and sphalerite and the author's opinions is that the underground sampling carried out by TMC correlated exceedingly well with sample logs and assays sheets.

Petra/TNR conducted some geochemical sample assay quality checks in 2008 of both rock chips and soil samples. An attempt to investigate gold grade variability from rock samples where five (5) samples were collected from the same area as previously reported and the assay results indicate that gold is not uniformly distributed in the quartz veins (Wyck, 2008).

Petra/TNR staff under the guidance of Dr Wyck also collected duplicate soil samples during the January-February 2008 and the assays showed consistent results. Wyck concluded that he has no reason to be sceptical of any previously reported sample results and to the best of his knowledge, the previously collected sample database appear to reflect reasonable sampling procedures to produce accurate and reliable results (Wyck, 2008).

The geochemical information gained from exploration by Petra Gold and TNR and their previously collected sample database appears to reflect reasonable sampling procedures to produce accurate and reliable results. Evaluation and interpretation of this data was conducted by the author and is presented in figures 39 to 40 and figures 57 to 61. The soil geochemical sampling conducted by Petra Gold and TNR was conducted in searching for porphyry copper deposits in the Quebrada Seca area where mineralisation is related to quartz veining. The soil, rock or stream sediment sampling is useful exploration data that can be used in future regional exploration evaluation and its reliability could be readily confirmed by a modicum of minor repeat sampling in the field. TMC's initial exploration will be to focus on sampling the list of breccia outcrops presented in the appendices.

The core from the drilling conducted at Quebrada Seca and Chorrillos was inspected along with the drill logs and the assays. Correlation between these sources of information and the core was confirmed physically (Figure 21, Figure 22, Figure 27 & Figure 29). The Quebrada Seca mineralisation is not considered a high priority in respect of the tourmaline breccia focus for TMC. Only reconnaissance drilling has been conducted at Chorrillos, and the core could be re-sampled if TMC consider it a priority to confirm the mineralisation present, however new drilling is recommended nevertheless.

12.2 San Francisco Drill Core Resampling

For the 1990 diamond drilling at San Francisco, the original assay sheets were used by the author to create the current database. The new assays from ALS Global for resampling of drill holes DDH02 & DDH05 have been entered into the database in preference to the original assays as the technology used for these assays and the presence of standards, duplicates and blanks within the batch gives greater confidence as to their accuracy. All assay data is presented in parts per million (ppm). Comparisons of this old and new data are presented as scatter plots, R squared values and trendline equations (Table 17, Figure 52-Figure 56).

Element	Formula	R2 value	Notes	Correlation
Ag	Y=0.9471X	0.0095	Extreme 577ppm in ALS single sample	0.2880
Au	Y=0.5509X	0.7285	Gold results overestimated previously	0.9030
Bi	y=0.4421X	-0.109	Rare very high ALS results, no correlation	-0.1238
Cu	Y=0.8802X	0.7423	High grade outliers are higher in ALS	0.8658
Pb	Y=2.13X	0.0886	Lead results underestimated	0.3207
Zn	Y=1.1397X	0.6389	Maximum 10000 ppm in old data	0.7994

Table 17 Data Analysis for the resampling of San Francisco drill core

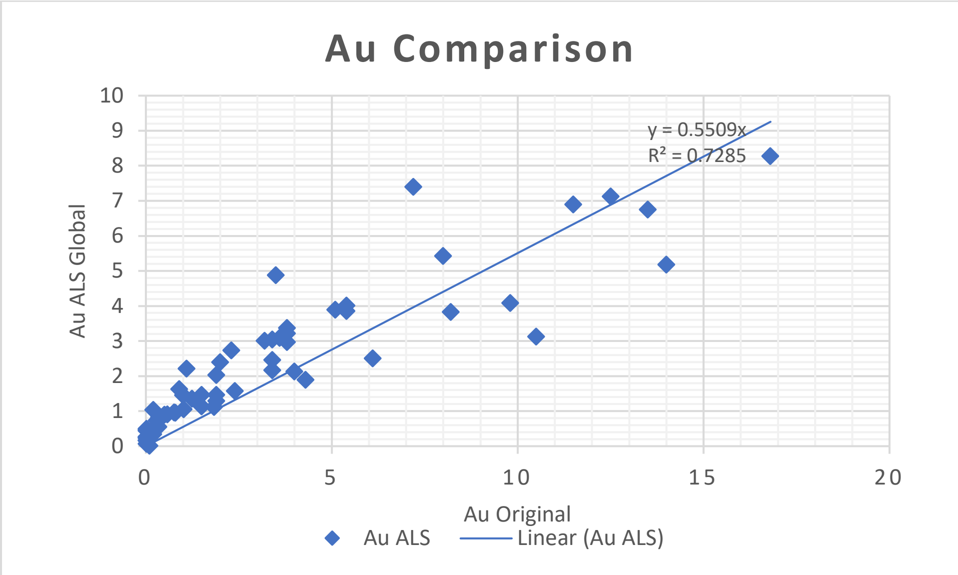


Figure 52 Gold comparison of old and new assays at San Francisco drilling in ppm

Generally, the old assays overestimate the grades for Au, Ag & Cu metals, and underestimate the grades for Pb & Zn. Bismuth assays are almost random and lack correlation. ALS assays also occasionally show high grade assays which appear to have been not detected previously and this applies to Cu, Ag, and especially Pb. The zinc data suffers from the highest level of detection (overscale) in the old data was 10000 ppm, but even with this limitation the ALS assays actually found samples previously assayed at 10000 ppm to be significantly lower than that and as low as 3210 ppm. Based upon this information the old assay data set should not be used in any future resource estimation and is an indication of mineralization only.

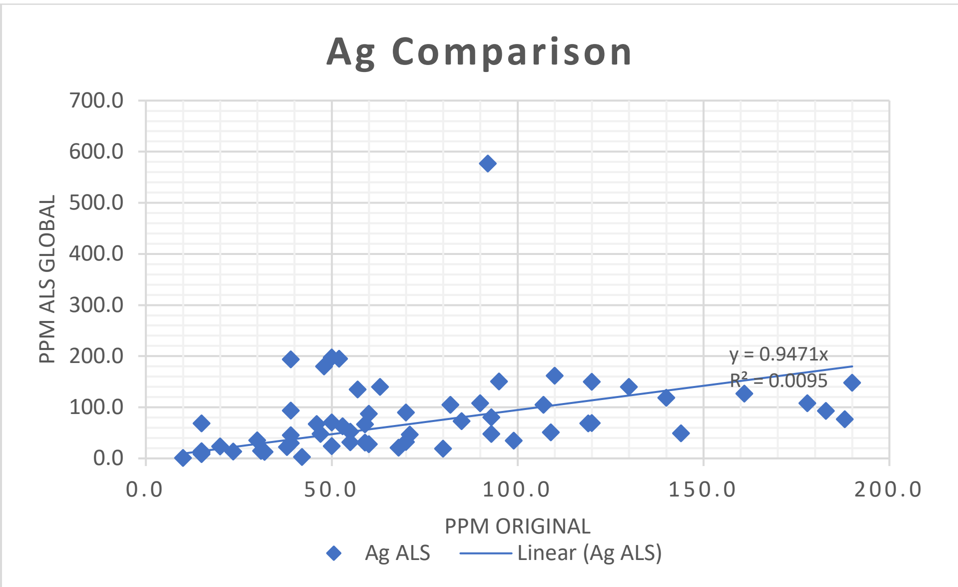


Figure 53 Silver comparison of old and new assays at San Francisco drilling

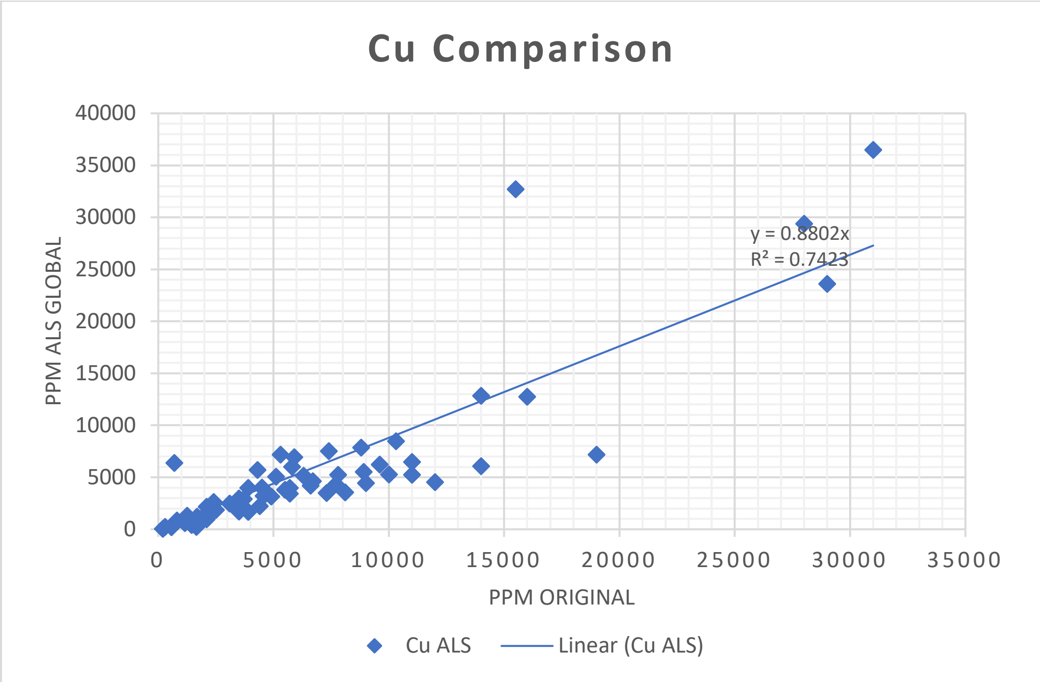


Figure 54 Copper comparison of old and new assays at San Francisco drilling

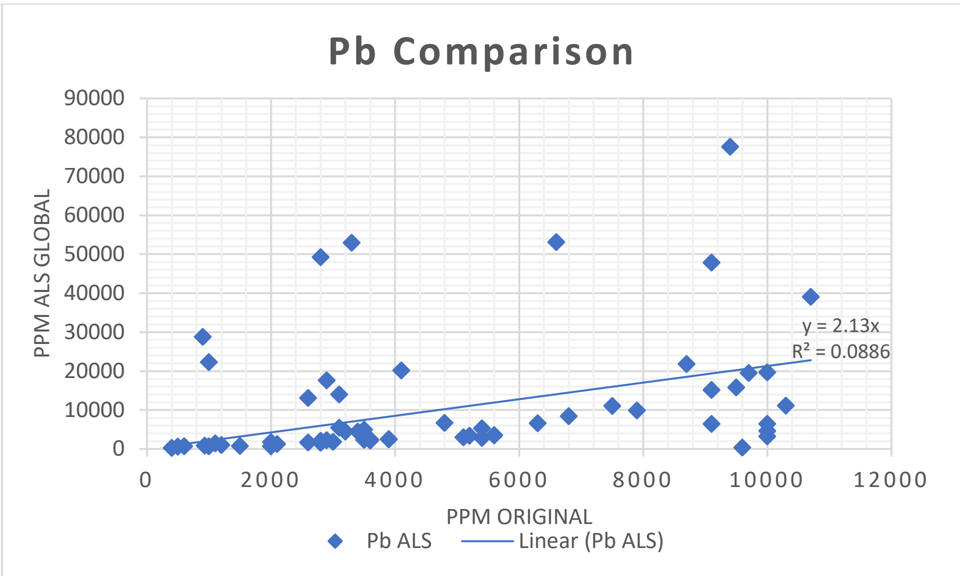


Figure 55 Lead comparison of old and new assays at San Francisco drilling

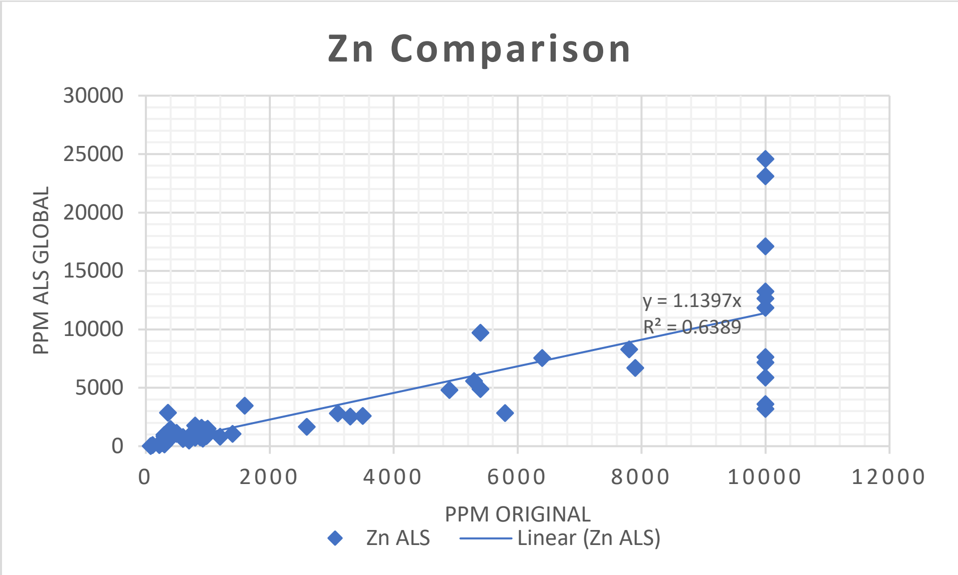


Figure 56 Zinc comparison of old and new assays at San Francisco drilling

12.2.1Standards verification

Assay standards and blanks included by TMC for the resampling of drill from holes DDH02 & DDH05 in batch ALS ME18326761 gave consistent results for gold analysis. Of the six blank samples four were below detection at 0.005ppm and the others recorded assays of 0.006 & 0.011, which is considered insignificant in gold mineralised drilling. The OREAS standards are presented as a graphic of pair sets between the actual OREAS gold concentration and the recorded ALS assay. The R^2 correlation value is 0.9963, which is very close to the perfect score of 1.

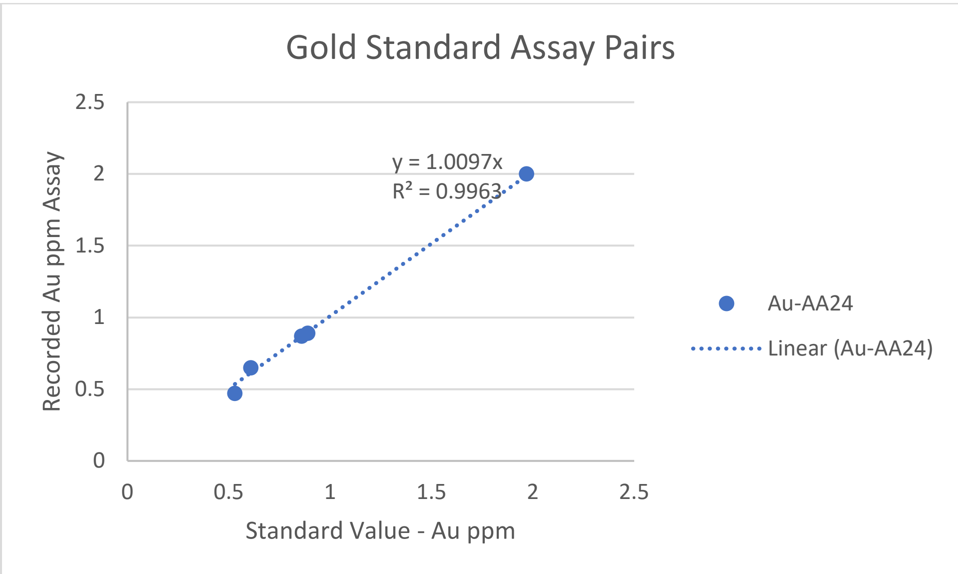


Figure 57 Gold Standard Assay Pairs ME18326761 Batch

12.3 San Francisco 2019 drilling data verification

There have been 4 OREAS standards as well as blanks and duplicates used for the quality control dataset. The statistics for the standards are tabulated below. Generally, the results are within acceptable ranges with a few exceptions.

Standard	OREAS 152b	Count	Average	Std Dev	X+2SD	X-2SD	Max	% error	Min	% error	Diff +ve	Diff -ve
Au ppm	0.135	18	0.136	0.005	0.145	0.125	0.14	104%	0.131	103%	0.005	0.006
Ag ppm	0.861	18	0.922	0.096	1.053	0.669	1.08	125%	0.86	100%	-0.027	0.191
Cu ppm	3750	18	3840	30	3810	3690	4030	107%	3740	100%	-220	50
Standard	OREAS 23b	Count	Average	Std Dev	X+2SD	X-2SD	Max	% error	Min	% error	Diff +ve	Diff -ve
Au ppm	0.003	13	0.004	0.0015	0.006	0	0.012	400%	0.0025	120%	-0.006	0.0025
Ag ppm	0.065	13	0.072	0.014	0.093	0.037	0.1	154%	0.04	163%	-0.007	0.003
Cu ppm	46.7	13	47.6	1.43	49.56	43.84	52.6	113%	42.3	110%	-3.04	-1.54
Standard	OREAS 504c	Count	Average	Std Dev	X+2SD	X-2SD	Max	% error	Min	% error	Diff +ve	Diff -ve
Au ppm	1.48	39	1.51	0.045	1.57	1.39	1.595	108%	1.405	105%	-0.025	0.015
Ag ppm	4.22	39	4.28	0.288	4.796	3.644	4.72	112%	3.92	108%	0.076	0.276
Cu ppm	11000	39	11149	300	11600	10400	11500	105%	10850	101%	100	450
Standard	OREAS 605b	Count	Average	Std Dev	X+2SD	X-2SD	Max	% error	Min	% error	Diff +ve	Diff -ve
Au ppm	1.58	34	1.76	0.079	1.738	1.422	1.935	122%	1.6	99%	-0.197	0.178
Ag ppm	1015	34	1016	24	1063	967	1040	102%	991	102%	23	24
Cu ppm	50300	34	50535	1090	52480	48120	51600	103%	48300	104%	880	180

Table 18 OREAS standard statistics

Gold correlation for the standards is generally fine and typically there is a high percentage of variation for the barren standard because of the low levels, but only one of these assays is of concern; sample number 7534 assayed 0.012ppm for a sample that should have been <0.003ppm Au (OREAS 23b). This may be a typing error, where the results could have been 0.0012. It is from batch ME19269972. Another sample 7206 was also slightly high for the gold grade at 0.006ppm for the same standard in batch ME19269967. Given the low level of the standard these slight errors are not significant to the end results where other non-standard assays could be elevated in those batches by 3 to 9 ppb Au (Figure 58).

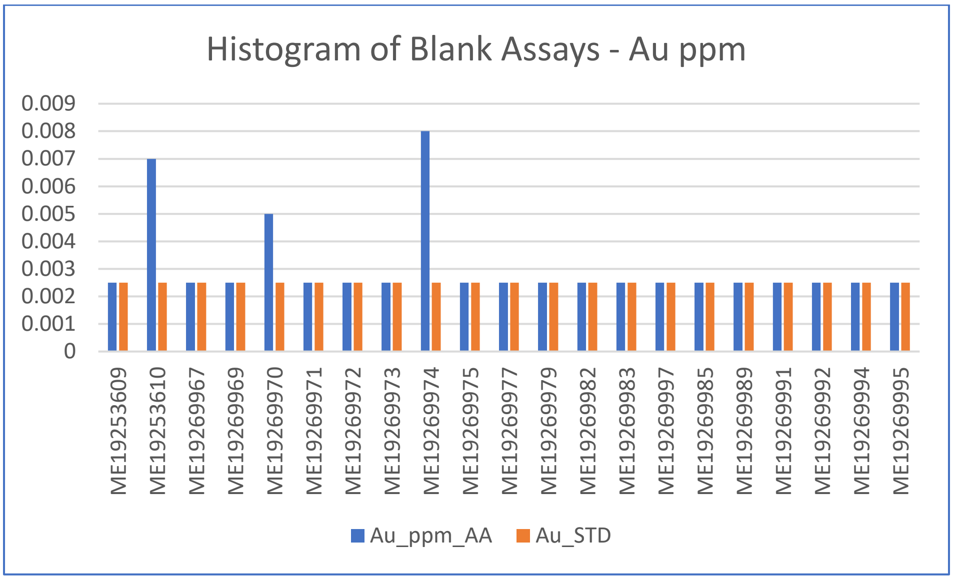


Figure 58 Blank standard assay histogram

Duplicate assays for the gold sampling have an R2 correlation value of 0.8303 which is somewhat lower than expected but may be related to the coarse-grained and high-grade nature of the mineralization rather than any assay procedural inconsistencies. Similar results are found for the silver and copper assay duplicates (Figure 59, Figure 60, Figure 61).

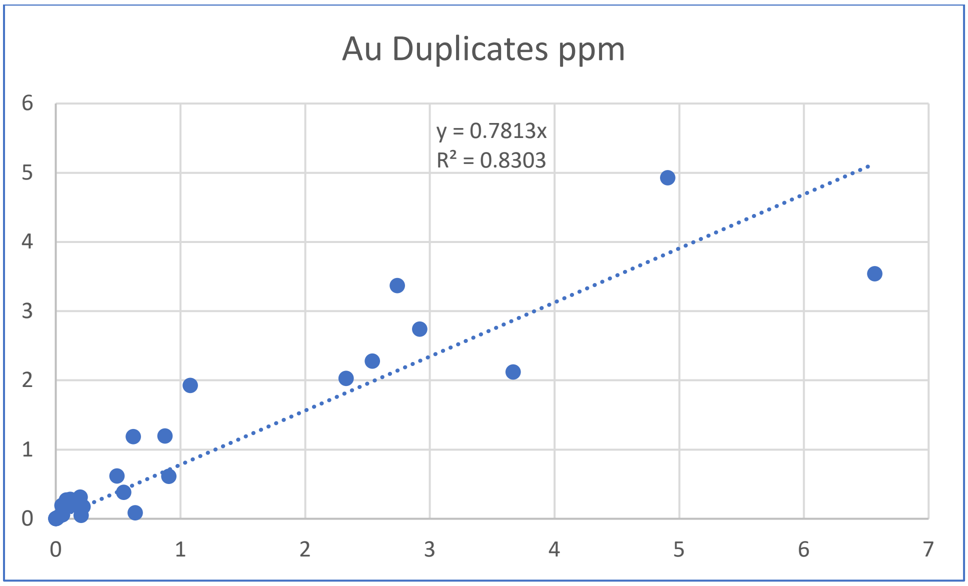


Figure 59 Duplicate gold sampling quarter core results

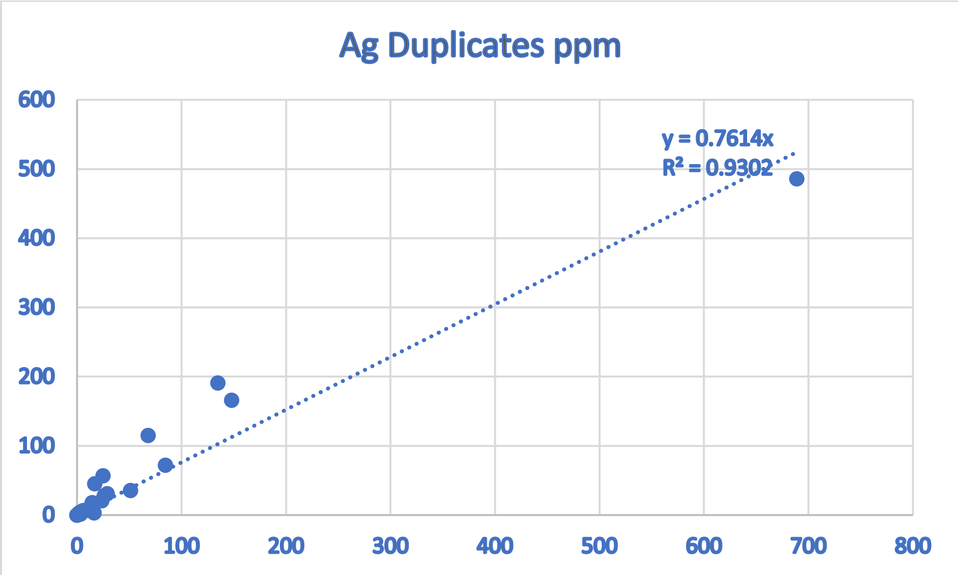


Figure 60 Silver duplicates in ppm

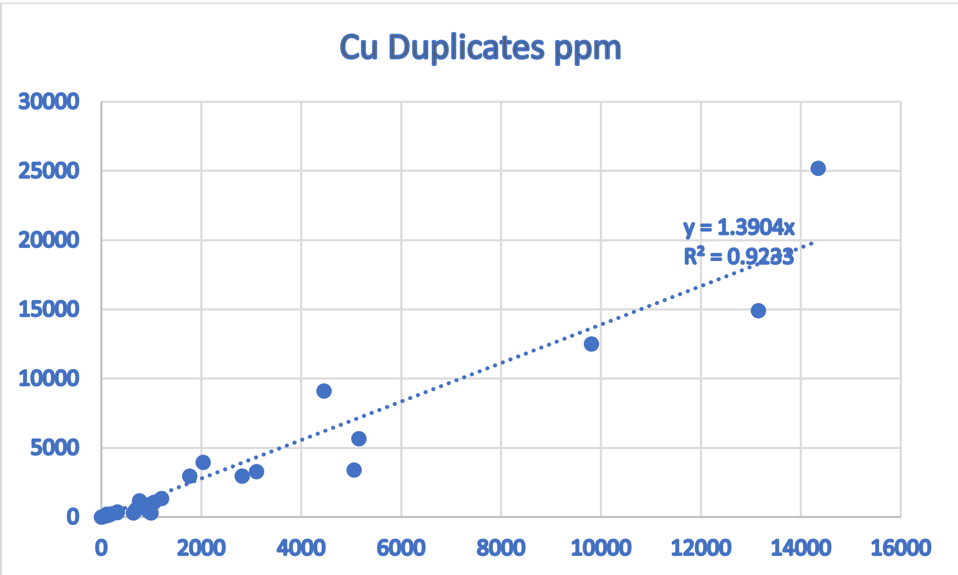


Figure 61 Copper duplicates in ppm

Sample 7642 which is standard 504c is slightly over the 2 standard deviation value at 1.585 compared to 1.57ppm Au, but as this is only 7% (error) above the expected assay it is not necessarily significant at 0.015ppm Au in excess.

There are a number of assay standard checks for the OREAS 605b assay that are above the 2 standard deviation level of 1.738ppm Au and these are from various batches. These variations appear to be specific to this standard and not some systematic error. The assays for this standard average 1.78 ppm when they should average 1.58 ppm Au. I would recommend further investigation of why this should be the case.

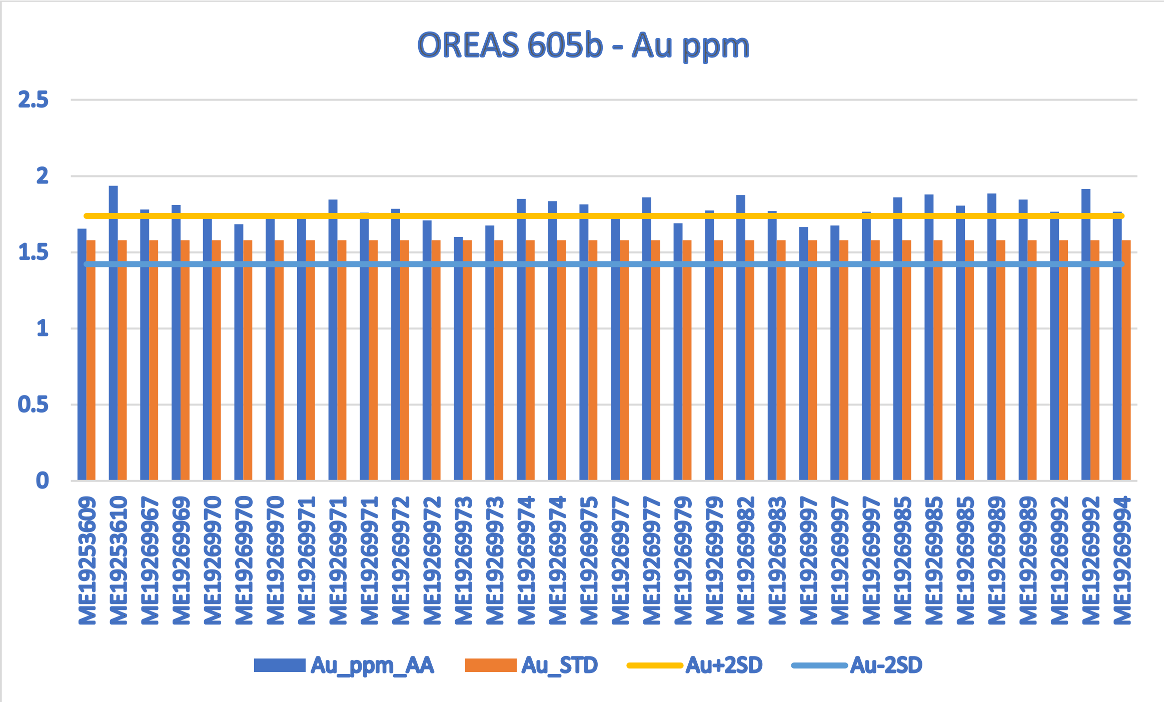


Figure 62 OREAS 605b Au Standard Deviation comparison

Generally, the silver standards are consistently within range with the exception of ME19269989 with 1.08ppm Ag compared to the standard result of 0.861ppm Ag and a difference of 0.219 ppm (Figure 63).

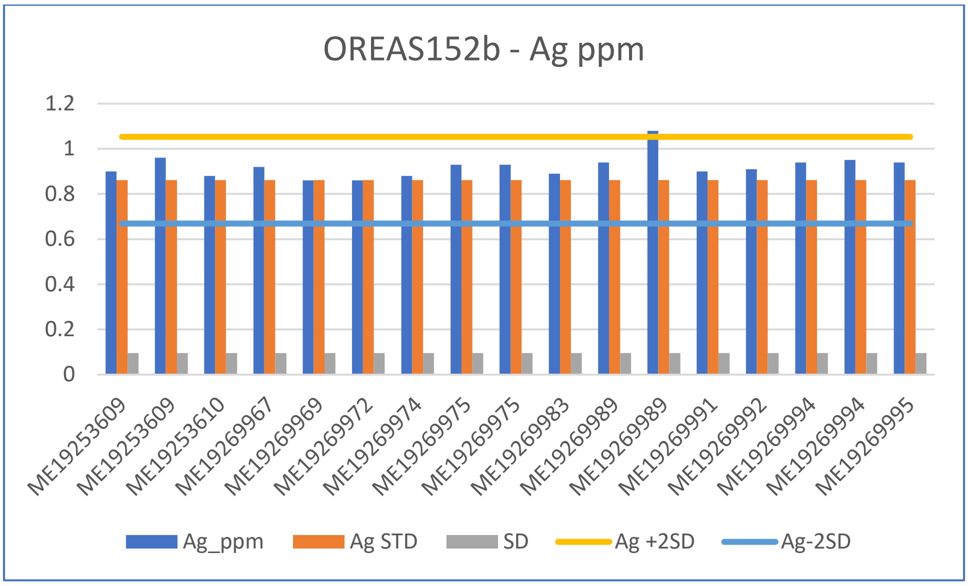


Figure 63 OREAS152b Ag ppm Standard Deviation comparison

The high-grade copper standards are fine but some of the lower grade copper standards are less consistent. In particular the OREAS 152b copper assays show four samples that are above the 2 standard deviation level. These errors amount to between 5% to 7% above the real concentration or up to 280ppm over estimation.

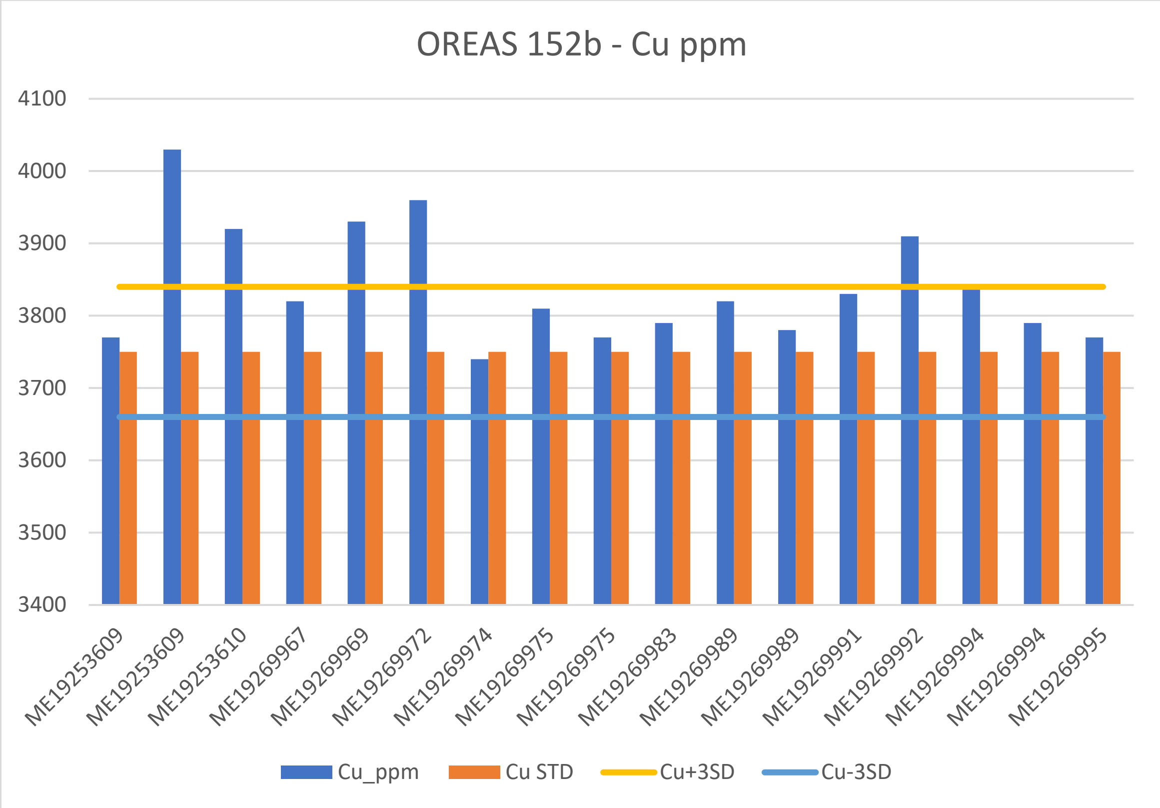


Figure 64 OREAS 152b Cu Standard Deviation comparison

13 Mineral Processing and Metallurgical Testing

Composite samples were taken from the San Francisco mine for metallurgical test work in either 1990 or 2012 or both. The 1990 samples were delivered to Bolivia, but the results of the investigations are not currently available.

The mineralization present at San Francisco mine, is a polymetallic base and precious mineral assemblage, which in the primary mineralized zone is composed of fairly coarse-grained chalcopyrite, galena, pyrite, arsenopyrite & sphalerite. Minor other base metal minerals also occur as well as gold and silver mineralization. Such an assemblage is similar to many volcanogenic hosted massive sulphide (VHMS) deposits and the metallurgy of which is well known and such deposits are treated fairly readily generally through flotation processes.

14 Mineral Resource Estimates

There are no NI43-101 compliant mineral resource estimates available for the San Francisco project.

15 Adjacent properties

Although other mining and exploration tenements occur within the area of the project, the only other significant exploration or mining activity is the Casposo gold project. The Casposo gold project is partially owned and wholly managed by Austral Gold Limited (Austral Gold) and

Australian Stock Exchange company which restarted the mine in 2016/2017 and is located 44km south of San Francisco and 25km northwest of Calingasta township.

Casposo is a typical low sulphidation epithermal style gold–silver deposit where mineralization is hosted within rhyolite – andesite flows and breccias. Veins are typically banded quartz–chalcedony colloform – crustiform banded with quartz – carbonate infill. Mineralization is associated with an assemblage consisting of quartz, chalcedony, adularia, calcite, illite, sericite and trace sulphides. Gold and silver occur as electrum, native silver, sulfosalts and silver sulphides. The mine operated by Austral Gold produced 166194 tonnes of ore to the end of 2018 at a grade of 2ppm Au and 277.3 ppm Ag for 11,564 oz Au & 1,213,316 oz Ag at a cash operating cost of $1362 per Au equivalent ounce (Altman, 2016).

Casposo occurs in a thick intrusive and volcanic sequence assigned to the Permian-Triassic Choiyoi Group, which overlies the Carboniferous-Lower Permian metasediments of the Agua Negra formation rocks present within the San Francisco project and therefore its mineralization is not directly relevant to the current project, but it is the only known nearby precious metal project that is active. Should the Choiyoi Group formation be found to occur within the San Francisco project, subject to further mapping, then this type of mineralization would be also relevant.

The author has been unable to verify the information related to the Casposo gold project, and this information is not indicative of the mineralization of the current project.

16 Other relevant data and information

No other relevant data or information is considered necessary.

17 Interpretation and conclusions

The San Francisco project has two areas of focus, the San Francisco mine and the surrounding area comprising the various mining claims.

17.1 San Francisco Mine

The San Francisco operated from 1941 to 1980 and produced 2420 tons of material grading 6-7% copper and 1.43% bismuth (Lara, 2006). In 1990, a considerable amount of exploration and development work was also done with seven diamond holes completed for 741.6 meters. This deposit is a tourmaline breccia deposit with copper, lead zinc, silver and gold mineralization. These polymetallic tourmaline pipes are a distinctive class of intrusion-related breccias which vary considerably in size and metal content. They are considered to be derived from granitic to granodioritic magmas initiated at deeper crustal levels than generally much larger copper-bearing pipes associated with porphyry copper deposits, and although they have limited lateral extent, they can extend for up to 2km at depth (Figure 31). These pipes are also largely vertical in orientation.

Although the grades in the primary mineralized zone are not as rich as the supergene zone, drilling within the breccia is not necessarily going to give a typical grade for the overall body as illustrated in previous diagrams and in particular the historic development of the mines contact zones for the better grades (Figure 33 & Figure 35). Drilling should therefore focus on taking this into account and target not only the breccia but also the contact zones and the acute lobes of the breccia.

The results of the recent drilling are very encouraging and confirm the interpretation of the style of mineralization as well as suggest that further mineralization will be encountered at depth. The alteration present at the surface north west of the main mined pipes has also presented another drill target as confirmed by drill hole SFDH10. Furthermore, this mineralization scenario presents further opportunities as indicated by the field of breccias found throughout the project, as is typical of this style of mineralization usually a number of breccia pipes occur within the district.

17.2 Regional Exploration

In terms of the larger overall project, previous mapping programs have established that there are 62 breccia outcrops of elongated to circular shapes and ranging up to 6.3 hectares in areal extent, held within the current tenements. Most of these outcrops are considered to be tourmaline – quartz breccias, however it is noted that sections of the drill core from Quebrada Seca were logged as tourmaline breccia when they were actually tourmaline altered granite and not true breccias. Revision of the drill core and new logging would be worthwhile.

Out of all the mapped breccias, only 6 breccia outcrops are greater than 1 hectare (10,000m2) in area, and these are all along the west side of the project on an NNE trend. Five breccia outcrops are either external or partly external to the project with the remaining 62 breccias held within the Cupro I, Solitario and Jarilla mining claims. In the southern mining claim of Cupro II (1247 hectares) and the San Francisco mine site, only one breccia has been mapped, which is the San Francisco mine itself. This paucity in breccia outcrops is likely the result of the Cupro II tenement not having been geologically mapped.

Past exploration has focused on looking for porphyry copper deposits which was thought to occur within the ground. Results have not confirmed the project to have sizable porphyry copper mineralization, but have highlighted the potential for a large field of mineralised tourmaline breccias. Of minor interest is the Quebrada Seca prospect where mineralised quartz veining has received attention on the basis of a possible porphyry copper, but this prospect appears to be related to the tourmaline breccia mineralization event and not porphyry related.

The completion of stream sediment survey is required in areas with a paucity of sampling such as the central east area where most of the breccias occur. The stream sediment data available to date shows a relatively consistent set of areas that are gold and base metal mineralised, namely the western N-S corridor, including Quebrada Seca, showing stronger copper anomalism and the eastern central and southern area including the San Francisco mines showing gold anomalism (Figure 65 & Figure 66). In general, the zinc stream sediment survey confirms the copper stream sediment results and the arsenic tends to corelate with the gold results (Figure 67 & Figure 68). Further more detailed sampling will improve this interpretation as well as help target the better mineralised breccias that are likely to occur within these areas.

Although these breccia pipes are small aerially, they have substantial grade, are vertically extensive and are known to become larger at depth. Given there are so many potential mineralized bodies, a central processing facility could serve well the entire breccia pipe field with a number of mining operations taking place in parallel.

Geochemical exploration does not require widespread soil sampling for what are really obvious targets, however rock chip sampling of the individual breccias would remain a key assessment method where the level of mineralization could be compared for the various prospects.

Because there are so many targets, methods need to be developed to prioritise the better ones. Clearly criteria such as size is important, but within each breccia system the breccia clast composition may also help in determining the level of erosion for each pipe (Figure 31). Other methods such as Fe/Mg ratios could be helpful in understanding whether the breccias is mineralised or not (Dill et al, 2012). Some of the smaller exposures could mean that there is a large breccia pipe that has not been eroded to any significant extent. Geophysical techniques such as IP or maybe ground magnetics could be trialled to form a geophysical model to be able to rapidly assess the potential of each exposure.

17.2.1Quebrada Seca

In the vicinity of Quebrada Seca and particularly to the north the area of (100 x 200) soil sampling has highlighted a broad area of base metal and gold anomalism, with various peak anomalies. This northern & western area has not been mapped and it would appear likely that there is a continuation of the tourmaline breccia pipe field in the east into this area. The copper anomaly map shows at least 11 distinct peak Cu &/or Au anomalies present in the area that would be in addition to the 62 mapped breccia pipes mapped to the east (Figure 69 & Figure 70).

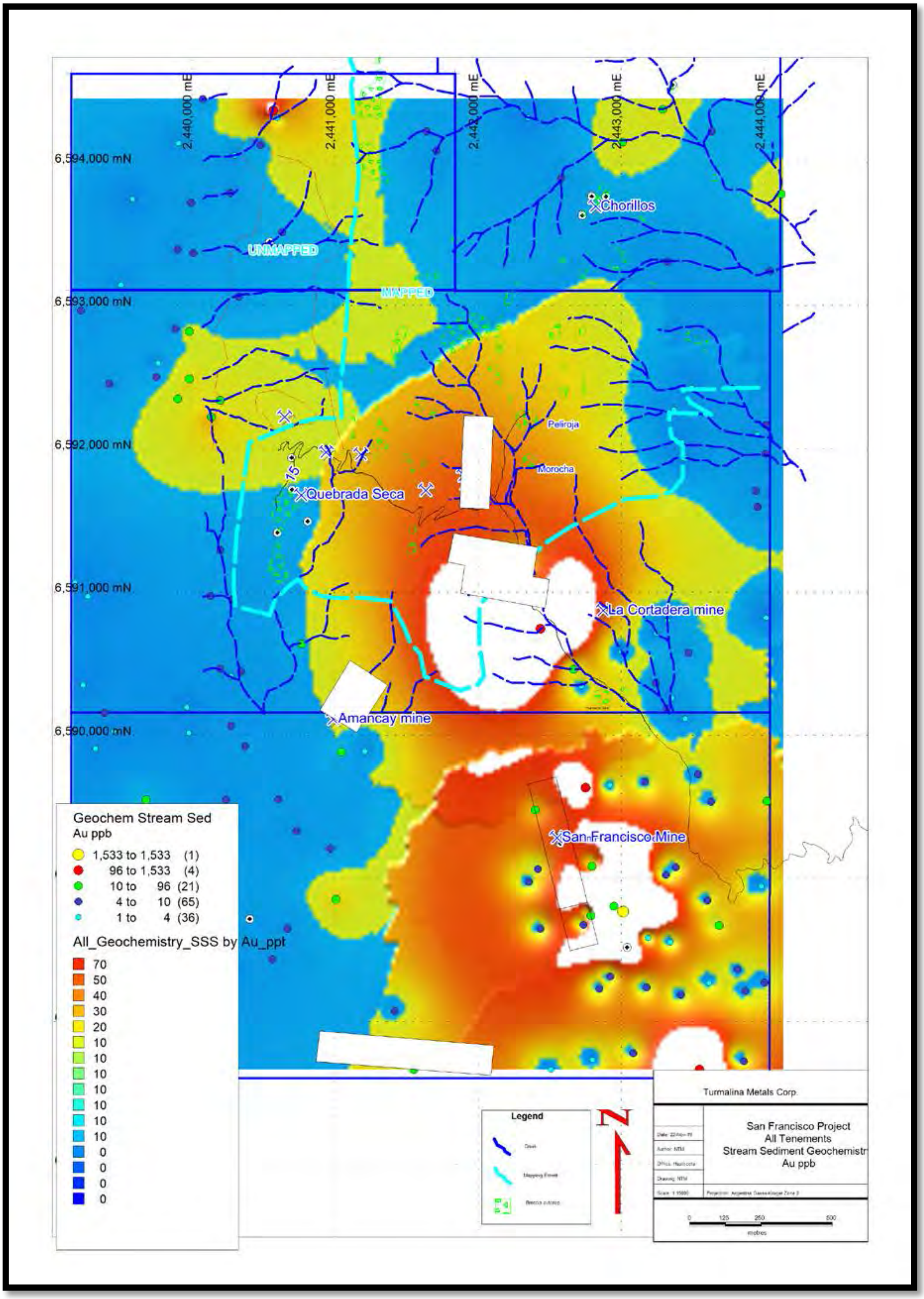


Figure 65 Regional stream sediment data anomaly map for -80# Au ppb

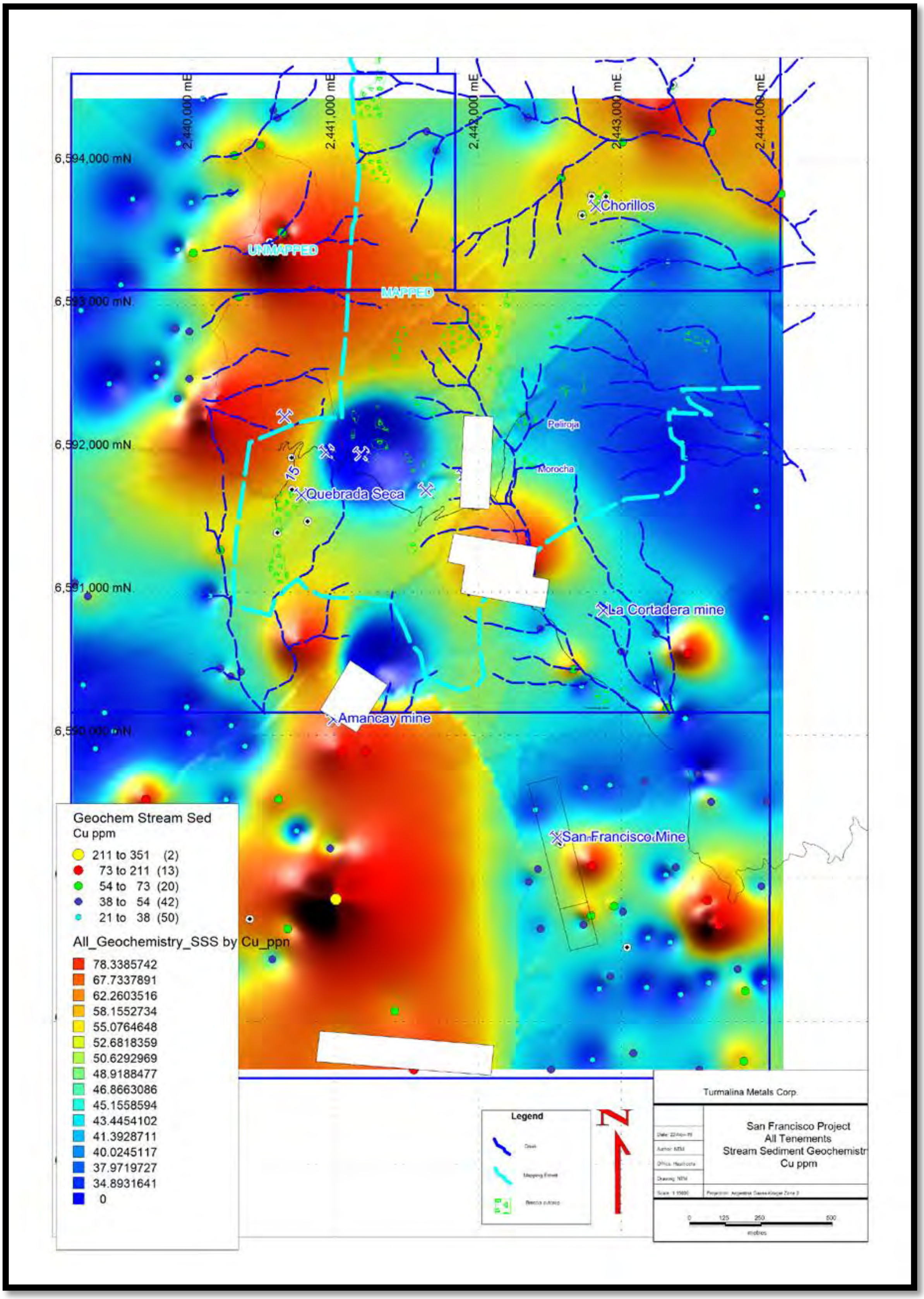


Figure 66 Regional stream sediment data anomaly map for -80# Cu ppm

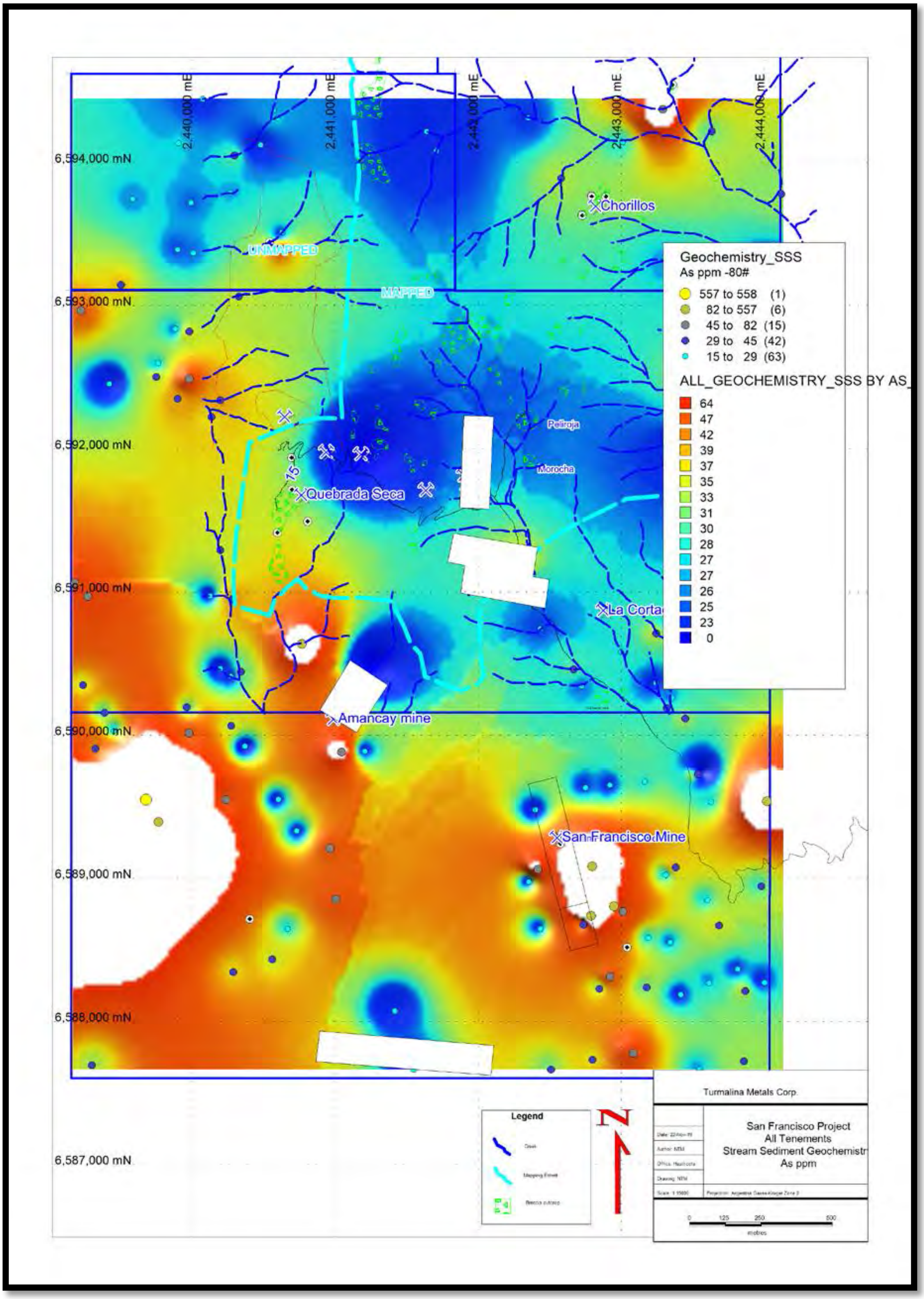


Figure 67 Regional stream sediment data anomaly map for -80# As ppm

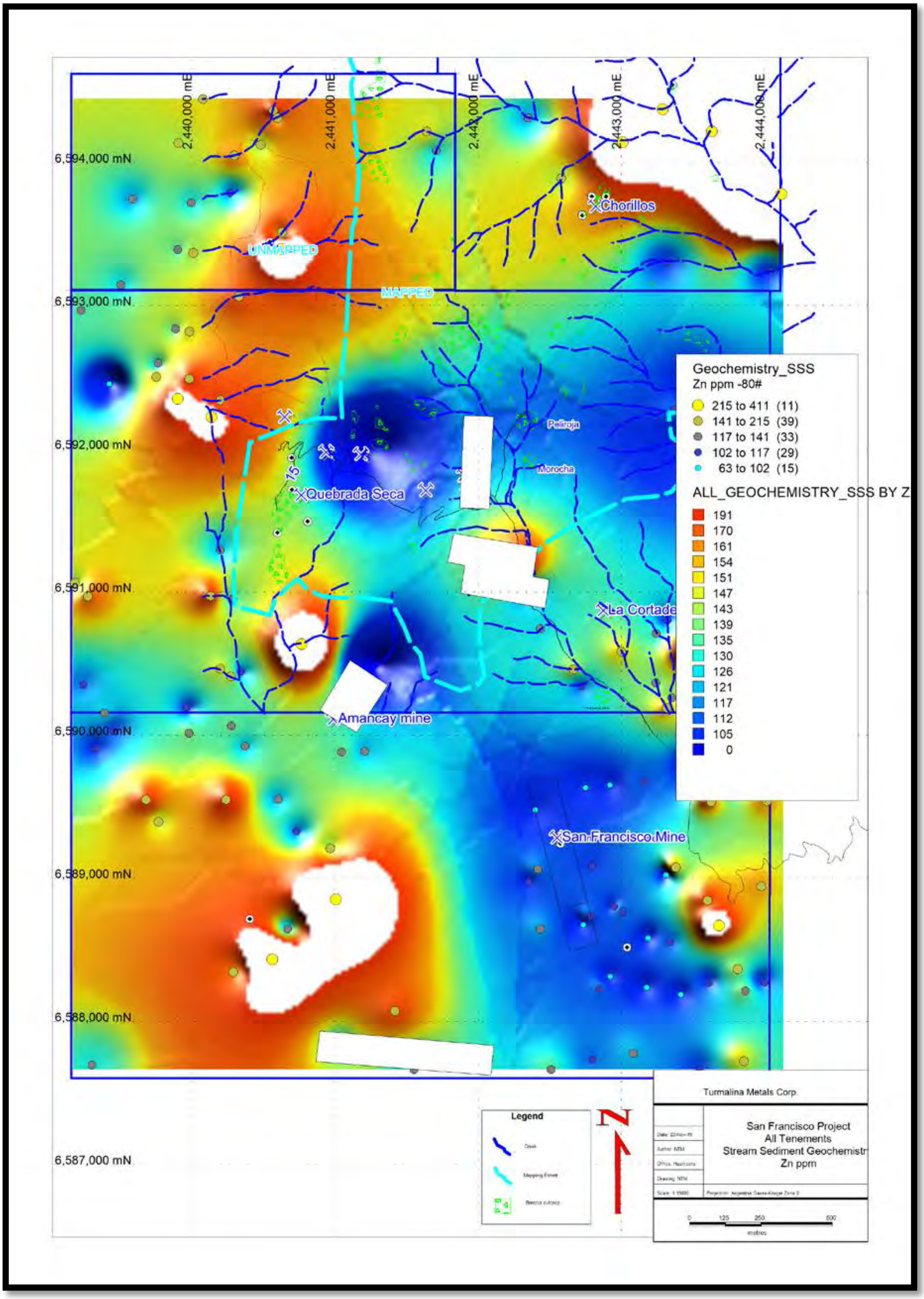


Figure 68 Regional stream sediment data anomaly map for -80# Zn ppm

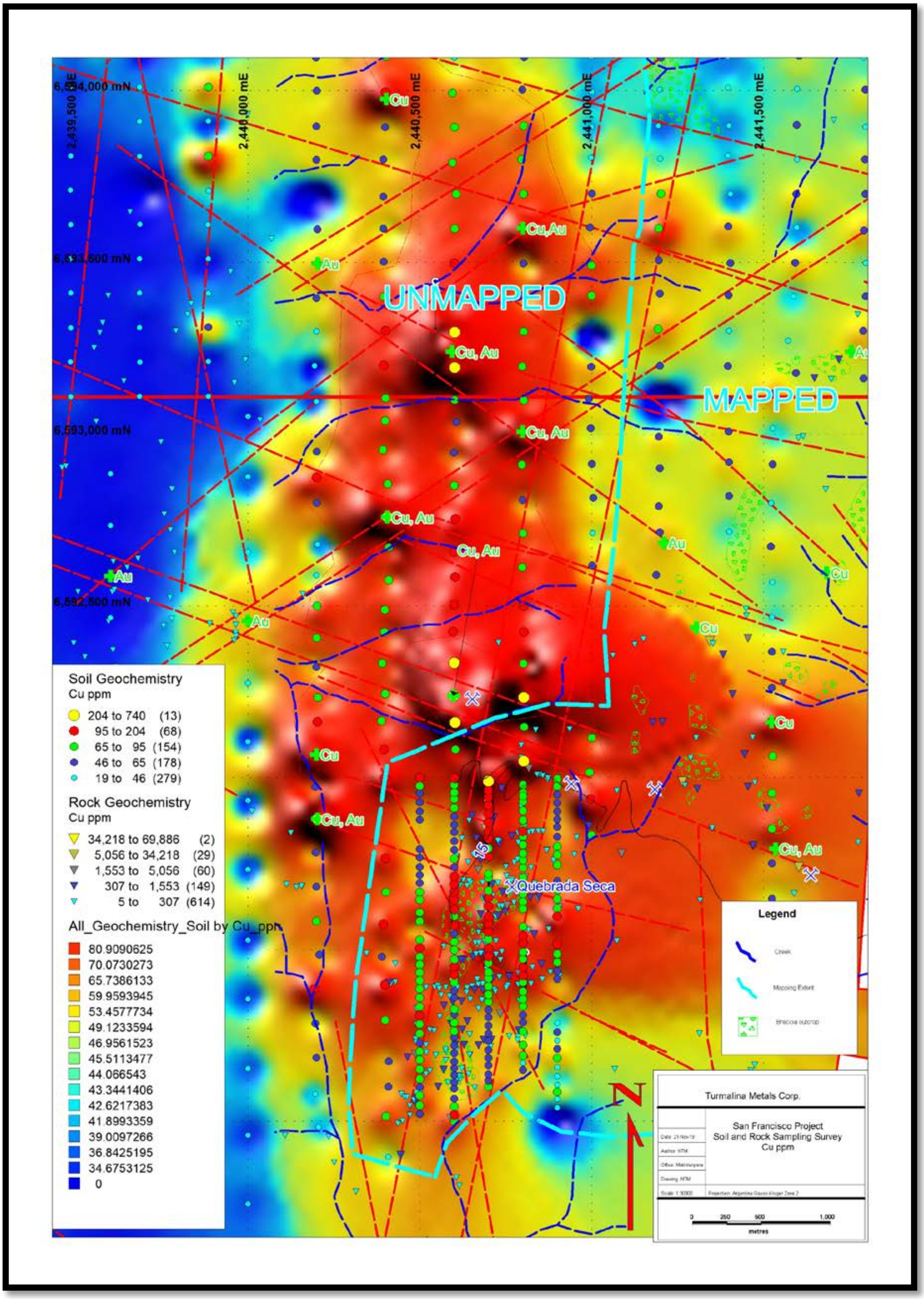


Figure 69 Copper geochemistry in the Quebrada Seca area with interpretation

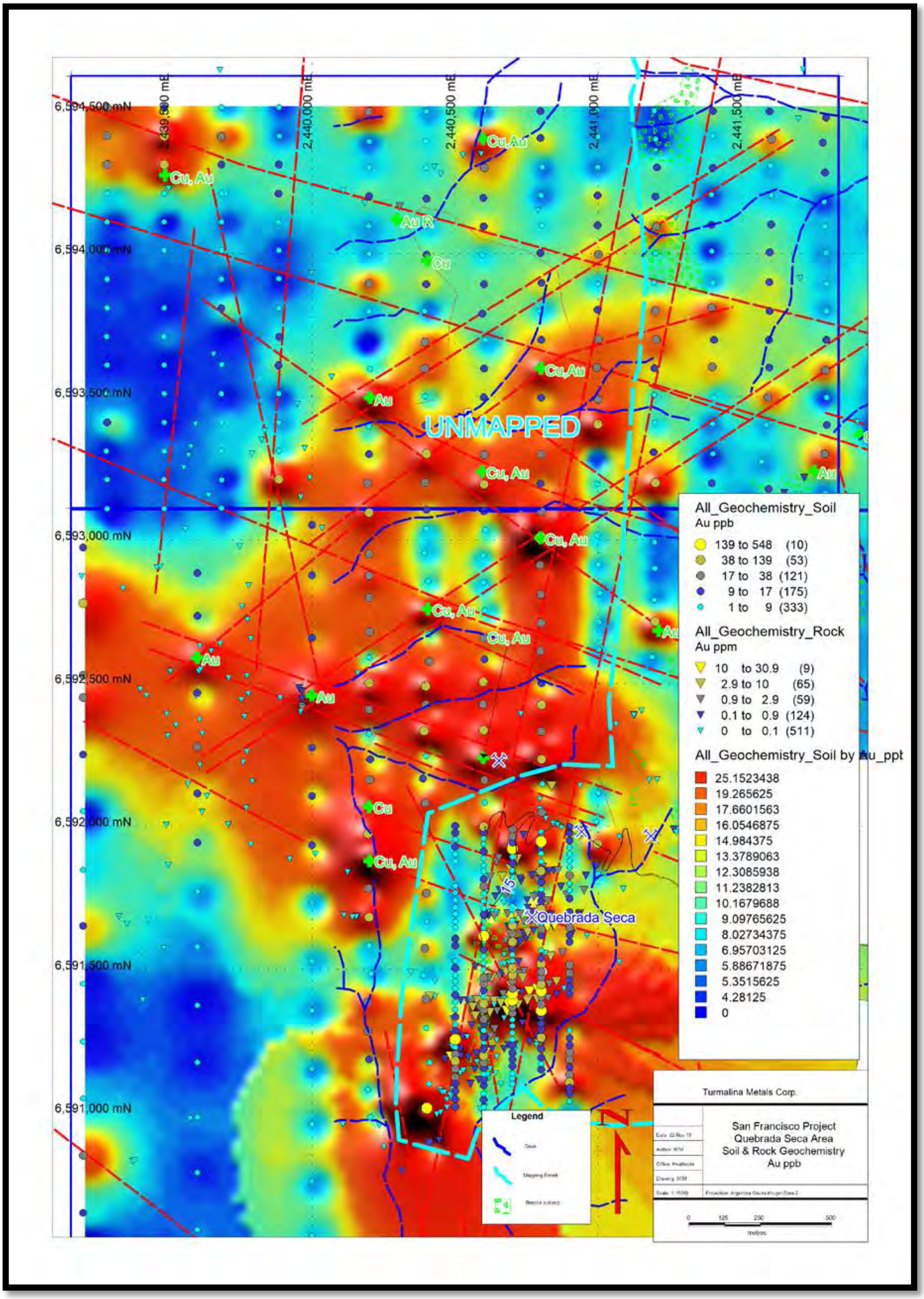


Figure 70 Gold soil geochemistry in the Quebrada Seca area with interpretation

17.2.2Chorrillos

The Chorrillos area has a number of features that confirm its exploration potential. Four separate breccias have been drilled with seven drill holes and two of these breccias have yielded elevated (>1000ppm) copper mineralization over significant downhole widths in five holes. In regard to the other two drill holes; drill hole CN-95-03 is external to the project area and has failed to intersect a tourmaline breccia and the other drill hole CN-95-04, within the project area, intersected tourmaline breccia in the first 66m, but this was apparently unmineralized. Generally, this drilling is essentially scout drilling as a first pass type activity and no further drilling has taken place since it was completed in 2008.

The best drill intercept from the main Chorrillos breccia pipe is from diamond drill hole DDH-ET-0801 with 48 meters of 6279ppm Cu, 1160ppm Pb & 949ppm Zn from 109.3m depth with other intervals above and below this intercept (Table 19).

The best drill intercept at the Chorrillos South West breccia is from RC percussion drill hole CN-95-5 with 44 meters of 2183ppm Cu from 43m depth.

Hole ID	From (m)	To (m)	Interval	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Location
DDH-ET-0801	97.2	103.7	6.5	0.01	1.06	4455	80	8	9.5	Chorrillos
DDH-ET-0801	109.3	157.3	48.0	0.02	4.74	6279	1160	949	13.9	Chorrillos
DDH-ET-0801	162.3	172.3	10.0	0.02	4.88	2116	985	1205	25.7	Chorrillos
CN-95-5	43.0	87.0	44.0	0.03	3.35	2183	NS	NS	NS	Chorrillos SW
DDH-ET-0802	40.0	52.1	12.1	0.01	0.79	2172	104	39	166.5	Chorrillos SW

Table 19 Chorrillos Best Drilling Intercepts

Another area of mineralization east of Chorrillos is within the most altered intrusive stock along the eastern property boundary. Here a Pb – Zn soil anomaly coincides with the strongest alteration exposed at the surface (Wyck, 2008) (Figure 5). Quartz vein rock chips have yielded gold to 1.11ppm associated with 4549 ppm Pb. An adit exists here driven ENE into the hill following a vein (2443810E 6594050N). This area is also mapped as being a rhyolite or porphyritic dacite (D.S. Juarez map, undated). A major WNW/ESE fault is inferred from the linear drainage pattern as well which may have some bearing on the mineralization present here.

18 Recommendations

The entire data set needs to digitised into vector or database formats, rather than scanned raster images. It is apparent that the mapping carried out previously by Petra/TNR staff was in a vector format as used in MapInfo or ArcGIS. If this vector data could be sourced then it would certainly help with the forward program. This should include all geological mapping and all topographic information.

The IP geophysics reports need to be sourced and reviewed for applicability to tourmaline breccia pipes.

18.1 San Francisco Mine

The recently completed drill program at San Francisco de los Andes has realized very significant drill intercepts, with gold being the dominant valuable commodity and subordinate silver and base metals. The mineralization is open at depth and offers an opportunity for deeper drilling to bolster potential resources.

Follow-up drilling of the San Francisco mine should be a high priority with a drill pattern aimed at covering the entire breccia and the northwest extension to the tourmaline breccia zone. It is also preferred, from a resource estimate point of view, to keep the various drill holes on similar azimuths to aid in the interpretation of the resource. To do this, the orthogonal pattern of two perpendicular drill orientations are proposed (1) NE/SW & (2) NW/SE (Table 20 & Figure 71). This pattern would also largely avoid hitting mined sections, rather than drilling from within the mine environs.

Id	East	North	RL	Depth (m)	Azim	Dip	Projection
SFD01	2442546	6589443	2728	170	255	-60	Arg GK Z2
SFD02	2442560	6589405	2730	170	255	-60	Arg GK Z2
SFD03	2442568	6589366	2737	170	255	-60	Arg GK Z2
SFD04	2442486	6589346	2739	170	75	-60	Arg GK Z2
SFD05	2442477	6589385	2723	170	75	-60	Arg GK Z2
SFD06	2442468	6589425	2723	170	75	-60	Arg GK Z2
SFD07	2442528	6589319	2730	200	120	-60	Arg GK Z2
SFD08	2442610	6589269	2730	200	300	-60	Arg GK Z2
SFD09	2442607	6589294	2730	200	210	-75	Arg GK Z2
SFD10	2442610	6589269	2730	300	300	-70	Arg GK Z2
SFD11	2442584	6589314	2737	200	210	-75	Arg GK Z2
SFD12	2442555	6589324	2739	200	210	-75	Arg GK Z2
SFD13	2442586	6589257	2723	200	30	-75	Arg GK Z2
SFD14	2442485	6589451	2723	300	165	-60	Arg GK Z2
SFD15	2442555	6589266	2726	200	30	-75	Arg GK Z2
SFD16	2442534	6589288	2730	200	30	-75	Arg GK Z2
SFD17	2442528	6589319	2730	300	120	-70	Arg GK Z2
SFD18	2442521	6589454	2730	300	165	-70	Arg GK Z2
				3820			

Table 20 Proposed San Francisco Drilling

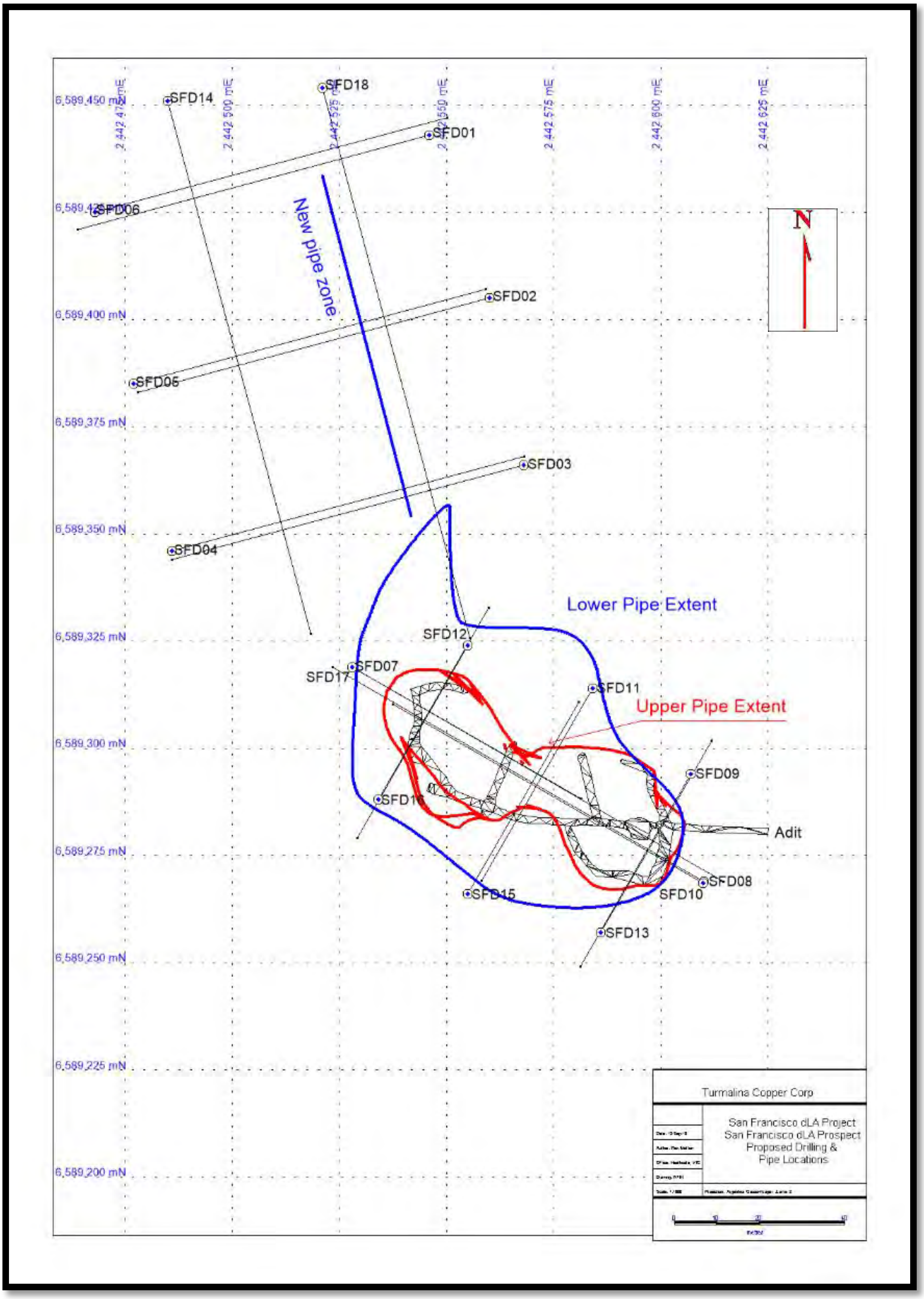


Figure 71 Proposed Drilling of San Francisco mine.

An example of one of the cross sections is shown to demonstrate the drill pattern (Figure 72). The breccia pipe is flaring out with depth especially to the northwest, and this needs to be considered as drilling gets deeper and a contingency to add additional drilling until each drill hole reaches the footwall of the pipe is required in budgeting the current proposal, which would drill out the upper 200 meters of pipe. These drill holes are placed on 30m sections which is fairly tight pattern and would likely yield a resource estimate. The initial drilling on the north west extension is recommended to be drilled on 40-meter sections which would allow a more knowledgeable overview to be gained prior to the 20m infill drilling pattern, which is important if the pipe is going to change areal extent with depth.

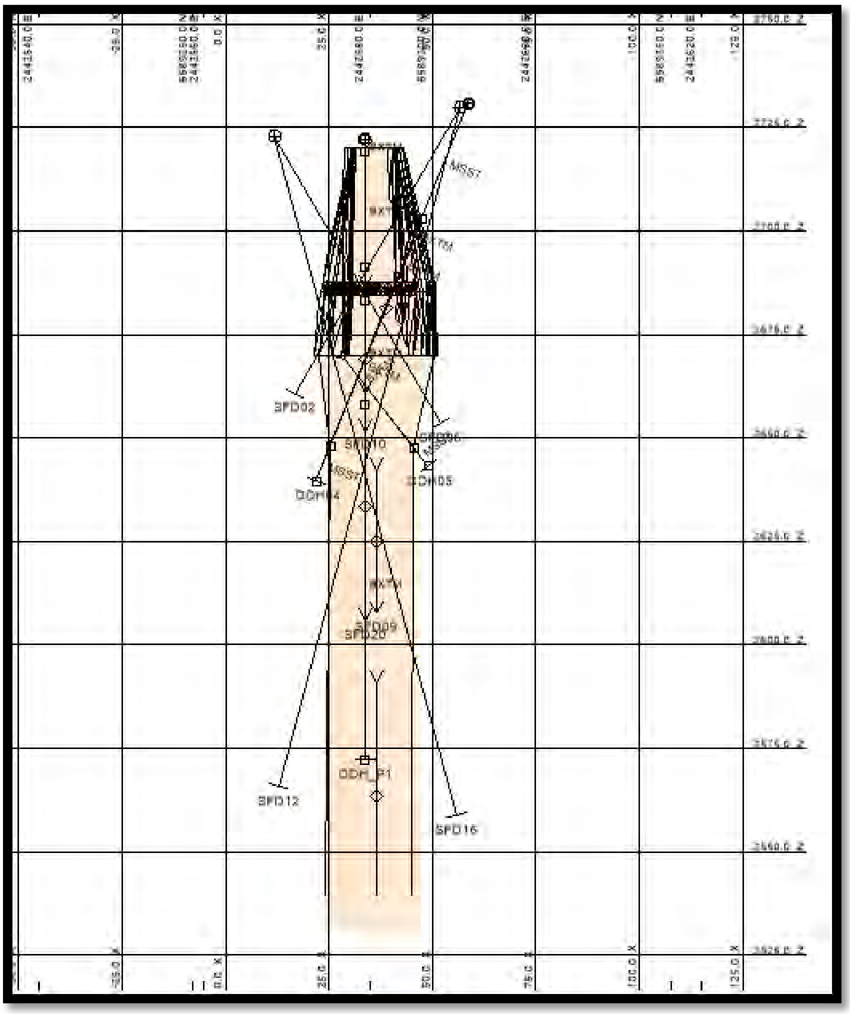


Figure 72 Proposed drill pattern by cross section & inferred pipe location example.

18.2 Chorrillos Program

Existing data justifies a follow up drilling program at Chorrillos and Chorrillos Southwest breccias, which could be done in conjunction with the drilling program recommended for San Francisco mine. A hole is recommended that will drill from the southern elongated end toward the north at the main Chorrillos breccia pipe. The drilling that has been completed to data indicates a southerly plunging pipe toward the proposed drill collar and this hole would potentially intersect the acute parts of breccia pipe. Another hole is proposed at the Chorrillos Southwest which is perpendicular to the previous holes, which appear to have clipped the west side of the pipe, this new drilling from the east to the west would attempt to cover the entire width of the pipe, if it doesn't plunge to the south or north. The proposed collar locations, azimuths and dips are summarized below.

Hole id	UTME	UTMN	RL	Depth	Azim	Dip	Prospect	Projection
TMC-19-1	2442822	6593674	3010	300	15	-60	Chorrillos	GK Inchs Z2
TMC-19-2	2442770	6593650	3010	200	270	-70	Chorrillos	GK Inchs Z2

Table 21 Chorrillos Proposed Drilling

18.3 Regional Program

The San Francisco property needs to complete the mapping program and in conjunction with this continue the stream silt survey to cover the entire property. It is estimated that 120 stream silt samples sieved to -80# would be required to infill the previous program for the entire project. A list covering the northern and central areas is supplied in the appendices, which could be fed into a GPS for site location. The mapping program covering the entire non-mapped portions of the project need to be completed at a scale of 1:5000, with particular note taken of tourmaline mineralization, quartz veining and any breccia deposits.

A rock chip sampling program should be conducted to cover the entire set of 62 breccias, assuming they are all tourmaline breccias. These breccia locations are listed in the appendices.

Re-logging of all the available drill core could be carried out with a greater focus on features and textures important to tourmaline breccia mineralization rather than for porphyry copper type mineralization, as was previously the case at Quebrada Seca. Tourmaline mineralization and quartz veining may yield vectors to nearby blind mineralization at Quebrada Seca. The 3D-IP interpretation should also bare this in mind.

Apparently, the IP report (Chen, 2008) recommends a ground magnetometer survey should also be performed along the same lines utilized and surveyed for the 3D-IP survey and if possible, over an expanded area (Wyck, 2008). Some orientation ground magnetics over the better-known tourmaline breccias should be carried out initially as an orientation survey to see if such a technique would yield a useful response, especially in assessing how large the breccia pipe is at depth.

The completion of the mapping, rock and stream sediment sampling programs across the entire project will no doubt discover a number of targets worthy of follow up and probably drilling. Newly mapped areas will also require a rock chip survey for the encountered tourmaline breccias.

18.4 Budget & Exploration Program

A drill program to evaluate the resource potential at San Francisco and Chorrillos is recommended and this would take the form of a drill out at San Francisco to a nominated depth of about 170m below the surface and would be well within the primary mineralized zone. This initial budget is for an initial 12 months and includes the drilling proposed above plus a contingency.

The budget also includes a road infrastructure budget to improve the current dirt access road (Section 5) from the highway to the project site by grading a formed road and placing culverts in key creek crossings, as the 30km section takes about 1.5 hours to navigate and this means that 3 hours is lost each day commuting to work. A proper formed dirt road would take 1-hour round trip at 60km/h or less if the road is quicker.

Budget Category (Initial 12 Months)	Amount (USD$)
Staff - Geos - SFdLA	$54,000
Contract – Earthworks and Road making	$50,000
Contract - Geology and Petrology	$18,000
Contract - Geophysics and Petrophysics	$120,000
Contract - Geochemistry and Assaying	$144,000
Contract - Legal	$20,000
Contract - Labour and Technicians	$57,000
Contract – RC & DDH drilling	$795,000
Contract - Surveying	$4,000
Contract - Environmental and Community	$8,000
Hire - Field Camp	$150,000
Hire - Local accommodation and Office	$6,100
Hire - light vehicle	$27,000
Hire - heavy vehicle, aircraft or equipment	$13,000
Supplies - Geological and Geochemical equipment and consumables	$18,000
Supplies - Office equipment and consumables (including postal)	$7,000
Supplies - PPE, Clothing and Miscellaneous	$5,000
Fees - Tenements - application and maintenance	$2,068
Total Budget	**$1,498,168**

Table 22 Initial Budget Estimate

The second-year budget would not be contingent on the success of the drilling of the San Francisco dLA deposit, because the regional program needs to be considered as a separate project and budget, due to the paucity of geologic information. The location of the work will be an iterative process of learning about the area and focusing on the areas with encouraging results. A second phase 15-month exploration program and budget are proposed to meet contractual commitments and the requirements herein, which includes;

- 3000m drilling on the breccia targets, including some further drilling at SfdLA as required.
- 9 months field mapping and sampling
- Further geophysics (likely IP lines over key breccias).

Budget Category	Amount (USD$)
Staff – Geos – SfdLA	$60,000.00
Contract – Road maintenance	$10,000.00
Contract – Geology and Petrology	$12,000.00
Contract – Geophysics and Petrophysics	$220,000.00
Contract – Geochemistry and Assaying	$108,000.00
Contract – Legal	$10,000.00
Contract – Labour and Technicians	$51,000.00
Contract – RC & DDH drilling	$360,000.00
Contract – Surveying	$4,000.00
Contract – Environmental and Community	$6,000.00
Hire – Field Camp	$105,000.00
Hire – Local accommodation and Office	$4,500.00
Hire – light vehicle	$21,000.00
Hire – heavy vehicle, aircraft or equipment	$14,000.00
Supplies – Geological and Geochemical equipment and consumables	$11,000.00
Supplies – Office equipment and consumables (inc postal)	$4,000.00
Supplies – PPE, Clothing and Miscellaneous	$4,000.00
Fees – Tenements – application and maintenance	$2,068.00
Total Budget	**$ 1,006,568**

Table 23 Second Phase Budget.

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20 Abbreviations and Definitions

Symbol etc	GLOSSARY OF ABBREVIATIONS AND DEFINITIONS
$USD	United States Dollars
€	Euro currency
<	Less than.
>	Greater than.
°C	Degrees Celsius
AAS	Atomic Absorption Spectroscopy.
Ag	Symbol for the element silver
ArcGIS	A Geographic Information System (GIS) software
Assay	chemical test performed on a sample of ores or minerals to determine the amount of valuable metals contained.
Au	Symbol for the element gold.
AusImm	Australasian Institute of Mining and Metallurgy.
Bi	Symbol for the element bismuth.
Breccia	Breccia is a rock composed of broken fragments of minerals or rock cemented together by a fine-grained matrix that can be similar to or different from the composition of the fragments.
Bulk Mining	Large scale, mechanized mining without regard to separately mining discrete zones of mineralization.
Ca	circa annum, approximate year.
CIM	Canadian Institute of Mining, Metallurgy, and Petroleum.
Cm	Centimetres
Contact	A geological term used to describe the line or plane along which two different rock formations meet.
Corp.	Corporation
CP(Geo)	A Chartered professional is a person who has gained a specific level of skill or competence in a particular field of work, which has been recognised by the award of a formal credential by a relevant professional organization. In this case awarded by the CPPC, a committee of the AusIMM for achievements in the field of Geology. The Chartered Professional Program eligibility criteria are specified in Chartered Professional Regulation 10 (Chartered Professional admission). In summary, applicants must: • Hold current financial membership of The AusIMM at the grade of Member, Fellow or Honorary Fellow. • Hold an appropriate tertiary degree or equivalent relevant to the discipline in which accreditation is sought. • Have at least five years of relevant work experience within the mining industry in at least one Area of Practice in the discipline being applied for. • Demonstrate key competencies, detailed by a written response to Competency Statements providing clear evidence the applicant has worked competently in the area of practice and in the discipline applied for a period of at least 5 years since qualification.

	• Have three (3) sponsors who are familiar with and can substantiate the applicant's qualifications and experience. • Demonstrate a minimum satisfactory level of relevant Professional Development during the three years prior to the application for CP. This must be demonstrated by a completed AusIMM online PD logbook, providing evidence that in the last three years, the applicant has completed 150 hours of Professional Development.
CRM	Certified Reference Material for assaying
Cu	Symbol for the element copper.
Cut-off Grade	The lowest grade of mineralized rock that qualifies as ore grade in a given deposit, and is also used as the lowest grade below which the mineralized rock currently cannot be profitably exploited. Cut-off grades vary between deposits depending upon the amenability of ore to gold extraction and upon costs of production.
Deposit	An informal term for an accumulation of mineralization or other valuable earth material of any origin.
Dilution	Waste rock that is, by necessity, removed together with the ore in the mining process, thereby reducing the mined grade of the ore.
Dip	The angle at which a vein, structure or rock bed is inclined from the horizontal as measured at right angles to the strike.
Economic Pit- Shell	The spatial limits determined by an algorithm to define the optimum minable resources from an unconstrained resource model. The optimum ultimate pit of a mine is defined as the "pit shell", which is the result of extracting the volume of material that provides the total maximum profit while satisfying the operational requirements of safe wall slopes. The ultimate pit limit gives the shape of the mine at the end of its life. Usually this contour is smoothed to produce the final pit outline.
Fault	A break in the Earth's crust caused by tectonic forces which have moved the rock on one side with respect to the other.
Flotation	A milling process in which valuable mineral particles are induced to become attached to bubbles and float as others sink.
FSEG	Fellow of the Society of Economic Geology
g/t	Grams Per Metric Ton
Grade	Term used to indicate the concentration of an economically desirable mineral or element in its host rock as a function of its relative mass. With gold, this term may be expressed as grams per tonne (g/t) or ounces per tonne (opt).
ground magnetics	A ground-based survey technique that measures the variation in the earth's magnetic field and is a response to local rock iron content.
Ha	Hectares
Hanging Wall :	The rock on the upper side of a vein or mineral deposit.
High Grade	Rich mineralization or ore. As a verb, it refers to selective mining of the best ore in a deposit.
Horiz.	Horizontal
Hr	Hour(s)
Hydrothermal :	Processes associated with heated or superheated water, especially mineralization or alteration.
ICP	Inductively coupled plasma analysis, an analytical technique used for elemental determinations.
Inclin.	Inclination of the drill hole from the horizontal in degrees
Indicated Mineral Resource	An Indicated Mineral Resource is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics are estimated with sufficient confidence to allow the application of Modifying Factors in sufficient detail to support mine planning and evaluation of the economic viability of the deposit. Geological evidence is derived from adequately detailed and reliable exploration, sampling and testing and is sufficient to assume geological and grade or quality continuity between points of observation. An Indicated Mineral Resource has a lower level of confidence than that a pplying to a Measured Mineral Resource and may only be converted to a Probable Mineral Reserve.

Inferred Mineral Resource	An Inferred Mineral Resource is that part of a Mineral Resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity. An Inferred Mineral Resource has a lower level of confidence than that applying to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.
Intrusive	A body of igneous rock formed by the consolidation of magma intruded into other rock type.
IP	Induced Polarization Survey, an electrical geophysical technique
JORC	Joint Ore Reserve Committee Australasian Code.
Kg	Kilograms.
Km	Kilometres.
Leaching	The separation, selective removal or dissolving-out of soluble constituents from a rock.
LG	Low grade, as in the lower grade gold portion of a process stream.
m	Meters
M	million
m.a.s.l.	Meters above mean sea level.
Ma	Mega-annum (one million years).
MapInfo	A Geographic Information System (GIS) software
Measured Mineral Resource	A Measured Mineral Resource is that part of a Mineral Resource for which quantity, grade or quality, densities, shape, and physical characteristics are estimated with confidence sufficient to allow the application of Modifying Factors to support detailed mine planning and final evaluation of the economic viability of the deposit. Geological evidence is derived from detailed and reliable exploration, sampling and testing and is sufficient to confirm geological and grade or quality continuity between points of observation. A Measured Mineral Resource has a higher level of confidence than that applying to either an Indicated Mineral Resource or an Inferred Mineral Resource. It may be converted to a Proven Mineral Reserve or to a Probable Mineral Reserve.
Metallurgy	The science and art of separating metals and metallic minerals from their ores by mechanical and chemical processes.
Metavolcanic	Being or relating to a type of metamorphic rock originally produced by a volcano, either as lava or tephra, then buried and subjected to high pressures and temperatures, causing it to recrystallize.
Mineral	A naturally occurring homogeneous substance having definite physical properties and chemical composition and, if formed under favourable conditions, a definite crystal form.
Mineral Reserve	A Mineral Reserve is the economically mineable part of a Measured and/or Indicated Mineral Resource. It includes diluting materials and allowances for losses, which may occur when the material is mined or extracted and is defined by studies at Pre-Feasibility or Feasibility level as appropriate that include application of Modifying Factors. Such studies demonstrate that, at the time of reporting, extraction could reasonably be justified. The reference point at which Mineral Reserves are defined, usually the point where the ore is delivered to the processing plant, must be stated. It is important that, in all situations where the reference point is different, such as for a saleable product, a clarifying statement is included to ensure that the reader is fully informed as to what is being reported. The public disclosure of a Mineral Reserve must be demonstrated by a Pre-Feasibility Study or Feasibility Study. Note no Mineral Reserves are reported in this Technical Study.

Mineral Resource	A Mineral Resource is a concentration or occurrence of solid material of economic interest in or on the Earth's crust in such form, grade or quality and quantity that there are reasonable prospects for eventual economic extraction. The location, quantity, grade or quality, continuity and other geological characteristics of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge, including sampling. Material of economic interest refers to diamonds, natural solid inorganic material, or natural solid fossilized organic material including base and precious metals, coal, and industrial minerals. The term mineral resource used in this report is a Canadian mining term as defined in accordance with NI 43-101 – Standards of Disclosure for Mineral Projects under the guidelines set out in the Canadian Institute of Mining, Metallurgy and Petroleum (the CIM), Standards on Mineral Resource and Mineral Reserves Definitions and guidelines adopted by the CIM Council on December 11, 2005 and recently updated as of May 10, 2014 (the CIM Standards).
mm	Millimeters.
mt or t	Metric tonnes.
NI 43-101	National Instrument 43-101 Standards of Disclosure for Mineral Projects
nT	Nanotesla, a unit of magnetic field intensity.
Open pit or cut	A form of mining operation designed to extract minerals that lie near the surface. Waste or overburden is first removed, and the mineral is broken and loaded for processing. The mining of metalliferous ores by surface-mining methods is commonly designated as open-pit mining as distinguished from strip mining of coal and the quarrying of other non- metallic materials, such as limestone and building stone.
Outcrop	An exposure of rock or mineral deposit that can be seen on surface that is not covered by soil or water.
oz or tr oz	Troy Ounces.
P80	80% passing, commonly used to designate particle size 80% of which will pass through a given screen opening.
Pb	chemical symbol for the metal lead
Plant	A building or group of buildings in which a process or function is carried out; at a mine site it will include warehouses, hoisting equipment, compressors, maintenance shops, offices and the mill or concentrator.
ppb	Parts per Billion.
ppm	Parts per Million.
QAQC	Quality Assurance/Quality Control, procedures implemented to assure integrity of results.
Qualified Person (QP)	Conforms to that definition under NI 43-101 for an individual (a) to be an engineer or geoscientist with a university degree, or equivalent accreditation, in an area of geoscience, or engineering, related to mineral exploration or mining; (b) has at least five years' experience in mineral exploration, mine development or operation or mineral project assessment, or any combination of these, that is relevant to his or her professional degree or area of practice; (c) to have experience relevant to the subject matter of the mineral project and the technical report; (d) is in good standing with a professional association; and (e) in the case of a professional association in a foreign jurisdiction, has a membership designation that (i) requires attainment of a position of responsibility in their profession that requires the exercise of independent judgement; and (ii) requires (A.) a favourable confidential peer evaluation of the individual's character, professional judgement, experience and ethical fitness; or (B.) a recommendation for membership by at least two peers, and demonstrated prominence or expertise in the field of mineral exploration or mining.
RC	Reverse Circulation Drilling.
Sb	chemical symbol for the metal antimony
SG	Specific Gravity.
Shoot	A concentration of mineral values; that part of a vein or zone carrying values of ore grade.
SMU	Selective mining unit.
SRK	SRK Consulting, an independent international consulting group focused on advice and solutions to earth and water resource industries.
Strike	The direction, or bearing from true north, of a vein or rock formation measure on a horizontal surface.

Sulphide	A group of minerals which contains Sulphur and other metallic elements such as copper and zinc. Gold and silver are usually associated with sulphide enrichment in mineral deposits.
T/O Study	Trade-off study, a technical and economic comparison of alternatives.
Till	Unsorted material deposited directly by glacial ice and showing no stratification.
Ton or Tonne	A metric ton of 1,000 kilograms (2,205 pounds).
tourmaline	Tourmaline is a crystalline boron silicate mineral compounded with elements such as aluminium, iron, magnesium, sodium, lithium, or potassium.
tpd	Metric Tonnes Per Day.
um	Micron (0.001 millimeter).
Vein	A fissure, fault or crack in a rock filled by minerals that have travelled upwards or laterally from a deep source.
VMS	Volcanogenic Massive Sulfide.
VRS GPS	Virtual Reference Station Global Positioning System.
Waste	Unmineralized, or rock which is insufficiently mineralized to mine at profit. XRD
XRD	X-ray diffraction, a rapid analytical technique primarily used for phase identification of a crystalline material.
XRF	X-ray fluorescence a non-destructive analytical technique used to determine the elemental composition of materials.
Zn	chemical symbol for the metal zinc
Zone	An area of distinct mineralization.

1 Appendices

1.1 San Francisco dlA Underground Sampling Data

Table 24 Underground Sampling Data

SAMPLE_ID	EAST	NORTH	ELEVATION	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Projection
29212	442517.0775	6588490.656	2716	0.2	3	1100	100	400	100	WGS84_Z19S
28864	442522.8844	6588460.816	2716	0.08	4	4600	50	300	160	WGS84_Z19S
29215	442501.3187	6588496.22	2716	0.2	5	400	900	2600	50	WGS84_Z19S
28861	442520.8524	6588459.461	2716	0.1	10	4800	400	700	700	WGS84_Z19S
29188	442480.3478	6588505.511	2716	0.9	15	1400	450	600	50	WGS84_Z19S
28838	442513.843	6588471.5	2717	0.6	20	3900	600	140	160	WGS84_Z19S
29204	442485.3537	6588512.851	2717	2.8	22	610	2800	2100	300	WGS84_Z19S
29179	442477.4797	6588501.167	2716	2.4	25	6200	5000	3600	200	WGS84_Z19S
28820	442518.0122	6588486.406	2716	9.8	28	6000	450	60	600	WGS84_Z19S
28821	442517.7201	6588487.633	2716	9.2	31.5	1700	340	30	1400	WGS84_Z19S
28815	442518.684	6588480.783	2716	1	32.5	8700	2200	170	900	WGS84_Z19S
28884	442535.0438	6588468.122	2716	5.1	35	16000	800	150	2000	WGS84_Z19S
29178	442479.3318	6588500.251	2716	1.36	39	14800	1100	800	120	WGS84_Z19S
29180	442479.5434	6588501.304	2716	3	39	19000	1000	800	150	WGS84_Z19S
29107	442534.6138	6588479.034	2717	3.9	40	9800	300	30	490	WGS84_Z19S
29128	442497.4191	6588477.804	2716	4.21	40	3100	1700	730	900	WGS84_Z19S
29104	442534.3375	6588477.908	2716	14.5	40	13000	400	20	700	WGS84_Z19S
28810	442519.648	6588475.715	2716	17	41	1300	3000	50	2300	WGS84_Z19S
29125	442499.7413	6588478.3	2716	3.2	42	3500	2800	380	2100	WGS84_Z19S
29126	442498.9088	6588478.68	2716	5.26	48	7000	2800	510	3400	WGS84_Z19S
28886	442535.001	6588470.386	2715.5	6.4	50	39000	1400	90	4000	WGS84_Z19S
29190	442480.2631	6588506.586	2716	6.4	50	11000	1400	800	150	WGS84_Z19S
29103	442535.3918	6588477.049	2717	11.4	50	44000	500	50	1200	WGS84_Z19S
29106	442533.7847	6588478.84	2715.5	14.4	50	19000	400	20	900	WGS84_Z19S
29221	442478.6862	6588508.189	2716	9.1	51	11400	4700	700	620	WGS84_Z19S
29197	442478.4692	6588512.555	2716	3.9	55	4300	4000	1000	900	WGS84_Z19S
29164	442481.2685	6588494.663	2716	2.1	56	6300	3900	1400	1100	WGS84_Z19S
29201	442481.9088	6588512.597	2717	1.1	57	1100	6500	500	200	WGS84_Z19S
29130	442496.5866	6588478.285	2716	8.15	58	1600	1400	1070	1830	WGS84_Z19S
29194	442478.6703	6588509.205	2716	5	60	5100	5100	900	200	WGS84_Z19S
29206	442487.01	6588512.502	2717	6.1	60	7000	7100	600	600	WGS84_Z19S
28811	442519.4727	6588476.533	2716	12.2	60	1800	3100	80	700	WGS84_Z19S
29186	442480.2525	6588504.252	2716	4.3	60.5	9000	3000	1000	150	WGS84_Z19S
28812	442519.2682	6588477.57	2716	8.4	65	5300	3200	110	1400	WGS84_Z19S
29108	442534.1839	6588480.089	2717	12.4	65	19000	400	20	1800	WGS84_Z19S
29181	442477.9877	6588502.146	2716	2.9	67	9000	5300	1200	300	WGS84_Z19S
29127	442498.1786	6588479.162	2716	3.18	67	6400	3400	360	3200	WGS84_Z19S

28831	442497.755	6588489.561	2716	3.4	67	4900	2500	930	750	WGS84_Z19S
28813	442519.0054	6588478.636	2716	4.5	68	7900	4100	90	1000	WGS84_Z19S
28844	442514.8751	6588466.074	2716	1.5	70	14900	2100	1150	2700	WGS84_Z19S
28816	442518.5088	6588481.878	2716	2.6	72	10000	5000	140	700	WGS84_Z19S
29168	442480.2419	6588496.505	2716	1.6	73	7600	2600	1200	310	WGS84_Z19S
28823	442517.3988	6588489.561	2716	2.6	73	4600	2200	1300	1900	WGS84_Z19S
28819	442518.0998	6588485.252	2716	10.6	74	10000	2800	160	1000	WGS84_Z19S
29202	442482.8878	6588512.671	2717	2.4	75	1400	6600	1200	200	WGS84_Z19S
29101	442534.7162	6588476.926	2715.5	9.4	75	9800	450	20	2200	WGS84_Z19S
29175	442476.5378	6588497.987	2716	0.52	76	6700	8600	1800	2900	WGS84_Z19S
28847	442516.9588	6588464.939	2716	4.8	77	15000	700	180	1000	WGS84_Z19S
28851	442518.2912	6588462.837	2716	2.7	78	29300	1160	350	1500	WGS84_Z19S
29134	442492.436	6588480.243	2716	0.96	79	10500	3000	1890	550	WGS84_Z19S
28827	442496.0316	6588485.559	2716	4.4	79	9000	8000	7100	600	WGS84_Z19S
28855	442519.0744	6588461.726	2716	10.2	79	13800	1400	70	2400	WGS84_Z19S
28882	442534.9414	6588465.993	2716	11.8	80	38000	900	60	4600	WGS84_Z19S
29105	442535.0438	6588478.062	2717	12.9	80	11000	500	50	2400	WGS84_Z19S
28887	442535.0102	6588470.404	2716.5	13.2	80	44000	1600	80	13500	WGS84_Z19S
29142	442488.8358	6588481.949	2716	0.28	82	4600	2400	1000	600	WGS84_Z19S
29176	442476.8764	6588499.288	2716	1.2	84	4700	3800	1300	800	WGS84_Z19S
28839	442514.2071	6588470.451	2717	1.7	84	9500	710	310	620	WGS84_Z19S
28841	442515.5025	6588468.74	2716	1.8	85	3100	950	50	2500	WGS84_Z19S
28817	442518.4358	6588482.974	2716	6.8	86	10000	5600	200	1500	WGS84_Z19S
29123	442536.1903	6588466.71	2717	11.6	86	43000	3000	250	1550	WGS84_Z19S
28826	442495.5205	6588484.536	2716	2.1	87	6000	8900	700	350	WGS84_Z19S
28814	442518.8885	6588479.775	2716	1.7	88	5400	2700	90	800	WGS84_Z19S
29187	442478.7338	6588505.035	2716	2.9	88.5	6000	2200	1200	600	WGS84_Z19S
29166	442480.7182	6588495.653	2716	2.1	89	12500	2300	1400	800	WGS84_Z19S
28842	442515.8157	6588467.775	2716	1.9	90	8100	800	140	4800	WGS84_Z19S
28829	442496.908	6588487.618	2716	4.6	90	5000	10900	5500	150	WGS84_Z19S
29184	442480.062	6588503.273	2716	7.9	90	9000	3000	1550	100	WGS84_Z19S
28898	442535.1257	6588475.882	2715.5	10.2	90	45000	1300	110	3400	WGS84_Z19S
29115	442531.9728	6588486.783	2717	12.5	90	6000	1700	170	3800	WGS84_Z19S
29158	442483.4857	6588491.234	2716	2	92	15800	2600	1800	600	WGS84_Z19S
29140	442489.6505	6588481.566	2716	1.2	94	11500	3400	3900	1800	WGS84_Z19S
29122	442536.2926	6588467.815	2717	4.4	94	49000	1500	230	1490	WGS84_Z19S
29172	442479.3	6588498.336	2716	6.1	94	14000	3400	1500	600	WGS84_Z19S
28845	442516.7894	6588465.472	2716	1.4	95	20500	2100	190	3600	WGS84_Z19S
28895	442535.3918	6588474.684	2715.5	11	95	42000	800	140	2800	WGS84_Z19S
28892	442535.5351	6588473.711	2715.5	14.4	95	36000	2200	50	4900	WGS84_Z19S
29139	442490.3957	6588483.321	2716	4.8	96	16600	1500	20500	2280	WGS84_Z19S
29118	442529.209	6588488.165	2717	11.2	96	4200	1300	400	1300	WGS84_Z19S
28824	442494.6296	6588482.711	2716	8.9	97	10500	9900	3400	910	WGS84_Z19S
29167	442479.0196	6588494.764	2716	1.36	98	10100	4800	2500	900	WGS84_Z19S
29129	442497.0394	6588479.863	2716	5.4	98	7400	3100	290	4410	WGS84_Z19S

28853	442518.6193	6588462.366	2716	14.8	99	19700	3800	640	1800	WGS84_Z19S
28818	442518.2313	6588484.113	2716	8.2	99.5	10000	4800	280	900	WGS84_Z19S
28846	442515.5871	6588465.049	2716	3.9	100	19000	3500	2100	9000	WGS84_Z19S
29182	442479.8345	6588502.273	2716	4.1	100	10000	2700	2000	150	WGS84_Z19S
28888	442536.382	6588470.154	2717	11	100	40000	1500	60	10500	WGS84_Z19S
29112	442534.0815	6588483.876	2717	11.5	100	21000	2100	100	2600	WGS84_Z19S
29102	442534.7162	6588476.926	2716.5	12.4	100	4600	1900	10	11500	WGS84_Z19S
29165	442479.4641	6588493.822	2716	1.48	102	14400	3600	5200	1600	WGS84_Z19S
28836	442500.2525	6588494.555	2716	3.6	102	6800	10000	1100	250	WGS84_Z19S
28876	442532.7303	6588460.332	2716	8.9	103	23400	6900	240	4600	WGS84_Z19S
29163	442480.1097	6588492.922	2716	1.9	104	12800	3800	2200	1800	WGS84_Z19S
28828	442496.4698	6588486.464	2716	5.8	105	4900	8800	4000	700	WGS84_Z19S
28878	442533.6926	6588462.083	2717	9.8	105	85000	1500	190	11500	WGS84_Z19S
28837	442513.5636	6588472.728	2717	10.23	105	2300	1180	90	910	WGS84_Z19S
28830	442497.2585	6588488.451	2716	5	106	9600	9800	4000	250	WGS84_Z19S
29174	442479.2259	6588499.325	2716	3.5	107	17900	4900	1000	800	WGS84_Z19S
28840	442514.3679	6588469.57	2717	2.1	108	8300	560	240	780	WGS84_Z19S
29124	442535.9753	6588465.553	2717	4.75	108	73800	1900	70	2430	WGS84_Z19S
28825	442495.1115	6588483.558	2716	2.1	110	7800	10200	900	550	WGS84_Z19S
29185	442478.5698	6588504.051	2716	4.2	110	8400	3500	1200	150	WGS84_Z19S
28877	442533.2421	6588461.151	2716	6.4	110	28000	3000	180	1500	WGS84_Z19S
28896	442535.3918	6588474.684	2716.5	8.2	110	46000	2200	240	3600	WGS84_Z19S
29183	442478.3475	6588503.072	2716	8.3	110	15100	2900	1300	310	WGS84_Z19S
29109	442533.9075	6588480.969	2717	10.8	110	12000	700	50	3600	WGS84_Z19S
29120	442527.3766	6588489.199	2717	11.8	110	5800	460	440	9000	WGS84_Z19S
28900	442535.8422	6588475.963	2717	12.5	110	60000	500	260	1600	WGS84_Z19S
28893	442535.5351	6588473.711	2716.5	21.4	110	41500	1400	40	4300	WGS84_Z19S
28843	442516.1638	6588466.608	2716	3.4	113	16000	510	170	1700	WGS84_Z19S
28822	442517.5741	6588488.538	2716	7.4	113	2700	1900	80	3200	WGS84_Z19S
28849	442517.7123	6588463.813	2716	5.1	114	19900	1810	240	2300	WGS84_Z19S
29132	442495.6227	6588478.753	2716	2.3	115	3300	4700	900	200	WGS84_Z19S
29145	442487.7963	6588484.578	2716	7.2	115	24000	2900	14300	1100	WGS84_Z19S
29136	442491.475	6588480.779	2716	3.8	117	15500	4000	3200	1970	WGS84_Z19S
29177	442477.1463	6588500.135	2716	1.6	120	22400	7000	1900	1400	WGS84_Z19S
28850	442516.4497	6588463.498	2716	5.4	120	23500	2100	700	6700	WGS84_Z19S
28890	442535.5863	6588472.493	2716.5	6.1	120	30000	2900	60	7400	WGS84_Z19S
29119	442528.2877	6588488.616	2717	12.6	120	2400	1400	300	2500	WGS84_Z19S
29135	442492.1714	6588482.346	2716	3.38	121	14700	2100	2400	470	WGS84_Z19S
29151	442485.885	6588486.972	2716	6.3	125	27000	3600	3600	1500	WGS84_Z19S
29138	442490.5628	6588481.128	2716	7.56	125	18200	1900	16100	3980	WGS84_Z19S
29153	442485.3643	6588487.722	2716	7.7	127	17000	1800	4900	1900	WGS84_Z19S
29169	442478.4745	6588495.536	2716	2.7	128	12400	3300	6800	2600	WGS84_Z19S
29116	442531.0413	6588487.254	2717	14.3	129	3200	920	160	2100	WGS84_Z19S
29162	442481.7977	6588493.801	2716	3.7	130	17700	1500	1400	700	WGS84_Z19S
28899	442535.1257	6588475.882	2716.5	4.4	130	33000	660	200	1100	WGS84_Z19S

28885	442534.9005	6588469.289	2716	5	130	42400	790	60	3400	WGS84_Z19S
28891	442536.6304	6588472.626	2717	6.9	130	39000	1800	120	4600	WGS84_Z19S
28879	442534.1327	6588463.219	2717	7.3	130	28000	1800	30	4500	WGS84_Z19S
28897	442536.1903	6588474.735	2717	13.9	130	65000	1500	220	4000	WGS84_Z19S
29159	442482.9195	6588492.107	2716	3.2	132	19700	2500	1100	800	WGS84_Z19S
29155	442484.1557	6588487.937	2717	4.2	132	19000	1300	6100	300	WGS84_Z19S
29121	442536.221	6588468.992	2717	11	133	40500	930	110	2650	WGS84_Z19S
28857	442518.8045	6588460.186	2716	1.6	135	28600	1300	480	1900	WGS84_Z19S
29156	442483.5863	6588488.858	2717	2.4	136	16200	6800	8300	1600	WGS84_Z19S
28833	442498.719	6588491.532	2716	2.4	138	7000	9200	1700	300	WGS84_Z19S
28848	442516.0274	6588464.261	2716	5.1	138	17500	2500	1200	7800	WGS84_Z19S
29152	442484.5197	6588485.645	2716	6.9	139	17200	2200	13300	1100	WGS84_Z19S
28894	442536.3848	6588473.722	2717	13	140	57000	1500	100	3600	WGS84_Z19S
28881	442534.7776	6588465.184	2716	15.2	140	32000	3800	130	7800	WGS84_Z19S
29117	442530.0791	6588487.684	2717	15.5	140	5000	2800	500	2900	WGS84_Z19S
29111	442533.9485	6588482.873	2717	9.8	143	23800	1000	80	2400	WGS84_Z19S
29160	442482.4062	6588492.822	2716	1.9	144	16400	4400	1600	1400	WGS84_Z19S
29157	442483.2688	6588489.758	2717	3.4	147	17700	1800	18600	700	WGS84_Z19S
28883	442535.0335	6588466.935	2716	13.8	149	64000	1150	60	2500	WGS84_Z19S
28866	442524.4959	6588459.752	2717	4.8	150	36000	3200	1900	9300	WGS84_Z19S
28852	442517.0953	6588462.514	2716	18.9	150	29500	3200	1300	9800	WGS84_Z19S
28860	442520.9798	6588460.791	2716	29.65	150	19000	3500	300	9500	WGS84_Z19S
28835	442499.7851	6588493.489	2716	2.1	154	10700	12000	1800	210	WGS84_Z19S
28868	442526.3752	6588459.679	2717	4.5	154	42100	3190	1490	3100	WGS84_Z19S
29173	442477.0405	6588497.092	2716	2.1	158	16500	5800	4300	1500	WGS84_Z19S
28889	442535.5863	6588472.493	2715.5	6.4	160	75000	4800	130	11000	WGS84_Z19S
29110	442533.8359	6588481.993	2717	14.5	160	49000	1800	150	9800	WGS84_Z19S
29161	442480.6759	6588491.938	2716	0.2	162	5800	8000	3100	1700	WGS84_Z19S
29113	442534.1532	6588485.105	2717	11.2	162	18200	2490	100	4700	WGS84_Z19S
29154	442483.9673	6588486.388	2716	5.1	168	32000	2700	2800	2600	WGS84_Z19S
28872	442530.33	6588457.728	2717	13.4	170	71000	890	230	2600	WGS84_Z19S
28834	442499.2594	6588492.467	2716	1.9	172	7800	11000	2800	390	WGS84_Z19S
28870	442528.0408	6588458.659	2717	24.5	173	32700	2000	90	4700	WGS84_Z19S
29170	442479.808	6588497.415	2716	4.8	179	23000	17100	6700	8700	WGS84_Z19S
28875	442533.2114	6588459.35	2717	3.9	180	100000	4200	2000	9200	WGS84_Z19S
29141	442489.5113	6588483.676	2716	7.1	180	18800	6800	18200	1900	WGS84_Z19S
28865	442523.4197	6588459.948	2717	12.4	180	34000	2800	1200	12000	WGS84_Z19S
29147	442487.0026	6588484.991	2716	2.8	185	22500	9800	12200	4300	WGS84_Z19S
29150	442485.3833	6588484.661	2716	1.7	190	21300	4800	1000	2000	WGS84_Z19S
29133	442493.1185	6588481.887	2716	3.58	190	11800	2200	4200	1190	WGS84_Z19S
28874	442533.2012	6588458.541	2717	6.8	190	31000	3800	1600	9000	WGS84_Z19S
28880	442534.5217	6588464.417	2717	14.1	190	25000	3500	20	9000	WGS84_Z19S
29143	442488.7661	6588484.08	2716	5.1	195	22500	8300	14300	1500	WGS84_Z19S
29146	442486.6851	6588483.334	2716	12.8	198	17000	3800	16500	2200	WGS84_Z19S
28873	442531.3978	6588457.3	2717	3.9	200	11500	5100	1600	7800	WGS84_Z19S

28862	442522.0112	6588460.736	2716	13.6	205	48600	1610	1200	9400	WGS84_Z19S
29131	442496.3384	6588480.359	2716	7.3	210	8200	2500	860	3600	WGS84_Z19S
28854	442517.5027	6588461.826	2716	8.1	210	40500	8000	1200	10000	WGS84_Z19S
28871	442529.0402	6588458.189	2717	8.9	210	32000	3100	500	6000	WGS84_Z19S
29114	442532.8941	6588486.323	2717	14.8	210	7000	2100	120	4600	WGS84_Z19S
28856	442518.1642	6588460.964	2716	28	210	28000	8500	3800	12000	WGS84_Z19S
28867	442525.4014	6588459.564	2717	5.2	230	35000	4800	900	19000	WGS84_Z19S
28859	442519.6247	6588459.794	2716	28	230	49000	11000	1900	51000	WGS84_Z19S
29144	442487.7582	6588482.407	2716	3.7	240	13100	4600	1500	2800	WGS84_Z19S
28863	442522.0701	6588459.188	2716	8.4	240	34000	4800	800	16000	WGS84_Z19S
29149	442486.3866	6588486.064	2716	6.4	242	26900	12300	11300	3700	WGS84_Z19S
29148	442486.0183	6588484.045	2716	4.1	249	13100	5200	2800	2600	WGS84_Z19S
28869	442527.1919	6588459.117	2717	14.5	260	30000	4100	260	7900	WGS84_Z19S
29209	442489.6347	6588511.539	2717	15.4	260	5000	6000	600	1500	WGS84_Z19S
28858	442520.0004	6588461.054	2716	28	260	24000	6000	400	62000	WGS84_Z19S
28832	442498.2078	6588490.466	2716	4.1	350	10200	12000	1600	820	WGS84_Z19S
29171	442477.8078	6588496.341	2716	3.6	356	17000	7200	10400	12900	WGS84_Z19S
29137	442491.2731	6588482.785	2716	5.7	360	20600	1400	24000	1420	WGS84_Z19S

1.2 Drilling collar data

Table 25 San Francisco Project drilling collar data

HOLE-ID	EAST	NORTH	ELEVATION	LENGTH	PROSPECT	AZIMUTH	DIP
CN-95-1	2442893	6593764	3004	109	Chorillos	260	-70
CN-95-2	2442791	6593767	3016	151	Chorillos	60	-65
CN-95-3	2444138	6595059	3027	151	Chorillos Far NE	16	-56
CN-95-4	2443357	6594543	2871	88	Chorillos NE	0	-90
CN-95-5	2442726	6593637	3018	133	Chorillos SW	360	-70
DDH_P1	2442588	6589281	2722.16	150	San Francisco	360	-90
DDH_P2	2442557	6589292	2722	170	San Francisco	360	-90
DDH01	2442578	6589304	2736	55.9	San Francisco	239	-48
DDH02	2442578	6589304	2736	125.75	San Francisco	239	-69
DDH03	2442578	6589304	2736.37	49.4	San Francisco	218	-45
DDH04	2442600	6589303	2730.8	99.9	San Francisco	235	-66
DDH05	2442575	6589242	2713.7	90.65	San Francisco	17	-51
DDH-ET-0801	2442793	6593762	3032	440.4	Chorillos	60	-60
DDH-ET-0802	2442727	6593631	3018	200	Chorillos SW	0	-70
DDH-ET-0803	2443040	6588518	2577	317.2	SanF SE	240	-70
DDH-ET-0804	2440700	6591715	3090	398.2	Quebrada Seca	180	-70
DDH-ET-0805	2440698	6591939	3100	202.1	Quebrada Seca	180	-50
DDH-ET-0806	2440599	6591414	3029	202.6	Quebrada Seca	180	-60
DDH-ET-0807	2440808	6591493	3022	200.5	Quebrada Seca	180	-60

ET-08	2440405	6588715	2754	500	SF Far West	230	-70
ET-09	2440545	6593445	2973	400	Chorillos West	180	-70
SFD01	2442546	6589443	2728	170	SFdlA	255	-60
SFD02	2442560	6589405	2730	170	SFdlA	255	-60
SFD03	2442568	6589366	2737	170	SFdlA	255	-60
SFD04	2442486	6589346	2739	170	SFdlA	75	-60
SFD05	2442477	6589385	2723	170	SFdlA	75	-60
SFD06	2442468	6589425	2723	170	SFdlA	75	-60
SFD07	2442528	6589319	2730	200	SFdlA	120	-60
SFD08	2442610	6589269	2730	200	SFdlA	300	-60
SFD09	2442607	6589294	2730	200	SFdlA	210	-75
SFD10	2442610	6589268	2730	300	SFdlA	300	-70
SFD11	2442584	6589314	2737	200	SFdlA	210	-75
SFD12	2442555	6589324	2739	200	SFdlA	210	-75
SFD13	2442586	6589257	2723	200	SFdlA	30	-75
SFD14	2442485	6589451	2723	300	SFdlA	165	-60
SFD15	2442555	6589266	2726	200	SFdlA	30	-75
SFD16	2442534	6589288	2730	200	SFdlA	30	-75
SFD17	2442528	6589319	2730	300	SFdlA	120	-70
SFD18	2442521	6589454	2730	300	SFdlA	165	-70
SFDH-001	2442583	6589242	2717.8	100.4	San Francisco	20	-52
SFDH-002	2442600	6589300	2730.8	161	San Francisco	200	-70
SFDH-003	2442627	6589264	2714.8	156	San Francisco	280	-57
SFDH-004	2442558	6589288	2732.8	143.4	San Francisco	100	-70
SFDH-005	2442558	6589288	2731.8	131	San Francisco	345	-70
SFDH-006	2442564	6589261	2726.8	100.25	San Francisco	20	-60
SFDH-007	2442546	6589333	2743.8	169.8	San Francisco	165	-65
SFDH-008	2442527	6589294	2733.8	215.4	San Francisco	60	-75
SFDH-009	2442546	6589333	2743.8	146.5	San Francisco	240	-70
SFDH-010	2442546	6589333	2743.8	248	San Francisco	345	-65
TCC-19-1	2442822	6593674	3010	300	Chorrillos	15	-60
TCC-19-2	2442770	6593650	3010	200	Chorrillos	270	-70
TCC-19-3	2443680	6593890	3010	350	Chorrillos	120	-70
TCC-19-4	2440700	6592275	3010	350	Quebrada	210	-80

All the drilling is shown in the Argentine Gauss Kruger projection in Zone 2.

1.3 Drilling Survey Data

Table 26 Downhole survey data

HOLE-ID	FROM	TO	AZIMUTH	DIP
CN-95-1	0	109	260	-70
CN-95-2	0	151	60	-65
CN-95-3	0	151	16	-56
CN-95-4	0	88	0	-90
CN-95-5	0	133	360	-70
DDH_P1	0	150	0	-90
DDH_P2	0	170	0	-90
DDH01	0	54	239	-48

DDH02	0	124	239	-69
DDH03	0	49.3	218	-45
DDH04	0	94.65	235	-66
DDH05	0	90.65	17	-51
DDH-ET-0801	0	25	60	-60
DDH-ET-0801	25	75	60.5	-60.1
DDH-ET-0801	75	125	61.1	-60.3
DDH-ET-0801	125	175	56.7	-60
DDH-ET-0801	175	225	60.4	-60
DDH-ET-0801	225	275	62.3	-59.8
DDH-ET-0801	275	325	59.7	-59.4
DDH-ET-0801	325	375	65.9	-58.7
DDH-ET-0801	375	420.2	63.7	-57.7
DDH-ET-0801	420.2	440.4	68.6	-57.2
DDH-ET-0802	0	25	0	-70
DDH-ET-0802	25	75	354.9	-68.9
DDH-ET-0802	75	125	356	-68
DDH-ET-0802	125	175	357.1	-69.2
DDH-ET-0802	175	200	358.7	-68.1
DDH-ET-0803	0	25	240	-70
DDH-ET-0803	25	75	236.9	-67.8
DDH-ET-0803	75	125	238.9	-68.2
DDH-ET-0803	125	175	238.4	-68.9
DDH-ET-0803	175	225	239.6	-68.8
DDH-ET-0803	225	275	240.3	-69
DDH-ET-0803	275	316.3	241.9	-68.1
DDH-ET-0804	0	25	180	-70
DDH-ET-0804	25	75	178.4	-67.3
DDH-ET-0804	75	125	179.2	-66.6
DDH-ET-0804	125	175	179.4	-65.5
DDH-ET-0804	175	225	181.7	-64.5
DDH-ET-0804	225	275	182.4	-63.6
DDH-ET-0804	275	325	184.1	-62.6
DDH-ET-0804	325	374.1	184	-61.5
DDH-ET-0804	374.1	398.2	184.8	-60.5
DDH-ET-0805	0	25	180	-50
DDH-ET-0805	25	75	180.1	-50.5
DDH-ET-0805	75	125	181.5	-49.3
DDH-ET-0805	125	175	182.3	-47.8
DDH-ET-0805	175	202.1	184.1	-46.3
DDH-ET-0806	0	25	180	-60
DDH-ET-0806	25	75	180.1	-61.7
DDH-ET-0806	75	125	181.6	-61.6
DDH-ET-0806	125	175	179.1	-61.7
DDH-ET-0806	175	202.6	184.7	-60.7
DDH-ET-0807	0	25	180	-60
DDH-ET-0807	25	75	177.8	-59.3
DDH-ET-0807	75	125	179.3	-58.3
DDH-ET-0807	125	175	181.8	-57.5
DDH-ET-0807	175	200.5	182.8	-55.5

ET-08	0	500	230	-70
ET-09	0	400	180	-70
SFD01	0	100	255	-60
SFD02	0	100	255	-60
SFD03	0	100	255	-60
SFD04	0	100	75	-60
SFD05	0	100	75	-60
SFD06	0	100	75	-60
SFD07	0	100	120	-60
SFD08	0	100	300	-60
SFD09	0	200	210	-75
SFD10	0	300	300	-70
SFD11	0	150	210	-75
SFD12	0	150	210	-75
SFD13	0	150	30	-75
SFD14	0	150	165	-60
SFD15	0	150	30	-75
SFD16	0	150	30	-75
SFD17	0	150	120	-75
SFD18	0	150	165	-60
SFDH-001	0	100.4	20	-52
SFDH-002	0	161	200	-70
SFDH-003	0	156	280	-57
SFDH-004	0	143.4	100	-70
SFDH-005	0	131	345	-70
SFDH-006	0	100.25	20	-60
SFDH-007	0	169.8	165	-65
SFDH-008	0	215.4	60	-75
SFDH-009	0	146.5	240	-70
SFDH-010	0	248	345	-65
TCC-19-1	0	300	15	-60
TCC-19-2	0	200	270	-70
TCC-19-3	0	350	120	-70
TCC-19-4	0	350	210	-80

1.4 Drilling Geology

Table 27 Drilling lithologies

HOLE-ID	FROM	TO	LITH_CODE	DESCRIPTION
CN-95-1	0	2	SO	Cover Quaternary
CN-95-1	2	12	BxTm	Breccia tourmaline
CN-95-1	12	16	GRD	Granodiorite
CN-95-1	16	22	BxTm	Breccia tourmaline
CN-95-1	22	24	GRD	Granodiorite
CN-95-1	24	109	BxTm	Breccia tourmaline
CN-95-2	0	34	GRD	Granodiorite
CN-95-2	34	69.5	BxTm	Breccia tourmaline

CN-95-2	69.5	104	GRD	Granodiorite
CN-95-2	104	125.5	BxTm	Breccia tourmaline
CN-95-2	125.5	151	GRD	Granodiorite
CN-95-3	0	151	GRD	Granodiorite
CN-95-4	0	66	BxTm	Breccia tourmaline
CN-95-4	66	88	GRD	Granodiorite
CN-95-5	0	7	GRD	Granodiorite
CN-95-5	7	13	BxTm	Breccia tourmaline
CN-95-5	13	33	GRDP	Granodiorite porphyry
CN-95-5	33	39	BxTm	Breccia tourmaline
CN-95-5	39	47	GRDP	Granodiorite porphyry
CN-95-5	47	133	GRD	Granodiorite
DDH_P1	0	3	BXTM	Tbx_Oxide
DDH_P1	3	31	BXTM	Tbx_Oxide
DDH_P1	31	39	BXTM	Tbx_Mixed
DDH_P1	39	64	BXTM	Tbx_Secondary
DDH_P1	64	150	BXTM	Tbx_Primary
DDH_P2	0	170	BXTM	NULL
DDH01	0	0.6	SO	Cover
DDH01	0.6	19.5	MSST	Massive and fine grain quartz arenite with some dark band in parts
DDH01	19.5	20	MSBX	Clast supported breccia with light grey sericite altered angular quartz arenite clast in a matrix with fe oxides.
DDH01	20	51.1	BXTM	Matrix- supported tourmaline breccia with light grey sericite altered angular to subangular quartz arenite clast supported in tourmaline matrix.
DDH01	51.1	55.9	MSST	Strong fractured quartz arenite rock
DDH02	0	35.55	MSST	Light and dark grey sericite altered quartz arenite.
DDH02	35.55	54.2	BXTM	Matrix supported breccia with altered quartz arenite supported in a strong py quartz - fine tourmaline matrix with quartz vug text in some parts. The tourmaline is very fine. 35 % of matrix
DDH02	54.2	62	BXTM	Matrix supported breccia with altered quartz arenite supported in a strong py quartz - fine tourmaline matrix with quartz vug text in some parts. The tourmaline is very fine. 20 % of matrix
DDH02	62.95	120.25	BXTM	Matrix supported tourmaline breccia with sAng clast. The clast are bigger, more than 10 cm. The quartz arenite rock have disseminated py. The quartz is vuggy ."
DDH02	120.25	125.75	MSST	Fractured and sericite altered quartz arenite.
DDH03	0	7.9	MSST	Sericite altered massive quartz arenite.
DDH03	7.9	22.35	MSSTBxC	Clast supported bx with light grey angular quartz arenite in a quartz and oxidated matrix.
DDH03	22.35	42.35	BXTM	Matrix supported breccia with sericite altered light grey coarse grain quartz arenite supported in a quartz- tourmaline matrix with some vugs text

DDH03	43.35	49.3	MSST	Massive dark quartz arenite. Cu minerals filling fractures.
DDH04	0	30.5	MSST	Fractured light grey sericite altered quartz arenite. Tourmaline, limonite and hematite veinlets."
DDH04	30.5	37.65	BXTM	Matrix supported breccia with grey sericite altered quartz arenite clast supported in a oxidated, quartz-tourmaline matrix."
DDH04	37.65	46	BXTM	Matrix supported breccia with grey sericite altered quartz arenite clast supported in a vuggy textures matrix, where only quartz and tourmaline cristals are present. "
DDH04	46	90.5	BXTM	Matrix supported breccia with less light grey sericite altered quartz arenite clast supported in a quartz-tourmaline matrix. Sulphides and Fe oxides in the matrix.
DDH04	90.5	99.9	MSST	Fractured grey sericite altered quartz arenite. Tourmaline- pyrite veinlets.
DDH05	0	31	MSST	Light grey, fine grained, massive quartz arenite"
DDH05	31	45	MSST	Dark grey, coarse and brecciated quartz arenite. Fine tourmaline cristals filling fractures. (Brecciated or stockwork quartz arenite or clast supported breccia.??) weak potassic alteration."
DDH05	45	85	BXTM	Matrix -supported breccia with light grey sub-angular sericite altered quartz arenite fragments supported in a tourmaline-pyrite matrix.
DDH05	85	90.65	MSST	Massive quartz arenite.
DDH-ET-0801	0	46.75	GRD	Granodiorite
DDH-ET-0801	46.75	152	BXTM	Breccia tourmaline
DDH-ET-0801	152	156.6	GRD	Granodiorite
DDH-ET-0801	156.6	161	BXTM	Breccia tourmaline
DDH-ET-0801	161	440.4	GRD	Granodiorite
DDH-ET-0802	0	9.9	GRD	Granodiorite
DDH-ET-0802	9.9	14.6	BXTM	Breccia tourmaline
DDH-ET-0802	14.6	18.25	GRD	Granodiorite
DDH-ET-0802	18.25	41.2	BXTM	Breccia tourmaline
DDH-ET-0802	41.2	52.1	GRD	Granodiorite
DDH-ET-0802	52.1	58.9	BXTM	Breccia tourmaline
DDH-ET-0802	58.9	62	GRD	Granodiorite
DDH-ET-0802	62	65.4	BXTM	Breccia tourmaline
DDH-ET-0802	65.4	144.6	GRD	Granodiorite
DDH-ET-0802	144.6	145	BxTc	Breccia tectonic
DDH-ET-0802	145	145.5	And	Andesite
DDH-ET-0802	145.5	146.4	BxTc	Breccia tectonic
DDH-ET-0802	146.4	168	GRD	Granodiorite
DDH-ET-0802	168	173.3	BxTc	Breccia tectonic
DDH-ET-0802	173.3	175	GRD	Granodiorite
DDH-ET-0802	175	176	BxTc	Breccia tectonic
DDH-ET-0802	176	192.4	GRD	Granodiorite
DDH-ET-0802	192.4	194	BxTc	Breccia tectonic
DDH-ET-0802	194	200	GRD	Granodiorite
DDH-ET-0803	0	114.5	Msed	Metasediment

DDH-ET-0803	114.5	118.25	BxTc	Breccia tectonic
DDH-ET-0803	118.25	127	Msed	Metasediment
DDH-ET-0803	127	129	BxTc	Breccia tectonic
DDH-ET-0803	129	136	Msed	Metasediment
DDH-ET-0803	136	139.7	BxTc	Breccia tectonic
DDH-ET-0803	139.7	238	Msed	Metasediment
DDH-ET-0803	238	246	BxTc	Breccia tectonic
DDH-ET-0803	246	317.2	Msed	Metasediment
DDH-ET-0804	0	20	GRD	Granodiorite
DDH-ET-0804	20	28.5	BXMP	Breccia
DDH-ET-0804	28.5	29	VQz	Vein Quartz
DDH-ET-0804	29	37.3	BXMP	Breccia
DDH-ET-0804	37.3	40.8	BxTc	Breccia tectonic
DDH-ET-0804	40.8	60	BXMP	Breccia
DDH-ET-0804	60	76.45	GRD	Granodiorite
DDH-ET-0804	76.45	77.1	BXTM	Breccia tourmaline
DDH-ET-0804	77.1	127.45	GRD	Granodiorite
DDH-ET-0804	127.45	128.8	VQz	Vein Quartz
DDH-ET-0804	128.8	175.7	GRD	Granodiorite
DDH-ET-0804	175.7	176.2	BXTM	Breccia tourmaline
DDH-ET-0804	176.2	191	GRD	Granodiorite
DDH-ET-0804	191	191.2	And	Andesite
DDH-ET-0804	191.2	254.7	GRD	Granodiorite
DDH-ET-0804	254.7	255	VQz	Vein Quartz
DDH-ET-0804	255	336.8	GRD	Granodiorite
DDH-ET-0804	336.8	339.35	And	Andesite
DDH-ET-0804	339.35	347.2	GRD	Granodiorite
DDH-ET-0804	347.2	347.8	And	Andesite
DDH-ET-0804	347.8	390.95	GRD	Granodiorite
DDH-ET-0804	390.95	395.6	BXMM	Breccia
DDH-ET-0804	395.6	398.2	GRD	Granodiorite
DDH-ET-0805	0	26.3	And	Andesite
DDH-ET-0805	26.3	45.25	GRD	Granodiorite
DDH-ET-0805	45.25	45.9	And	Andesite
DDH-ET-0805	45.9	48.1	GRD	Granodiorite
DDH-ET-0805	48.1	51.2	And	Andesite
DDH-ET-0805	51.2	51.8	BxCt	Breccia contact
DDH-ET-0805	51.8	53.25	GRD	Granodiorite
DDH-ET-0805	53.25	54.25	And	Andesite
DDH-ET-0805	54.25	56.9	GRD	Granodiorite
DDH-ET-0805	56.9	58.5	And	Andesite
DDH-ET-0805	58.5	104.5	GRD	Granodiorite
DDH-ET-0805	104.5	105.1	And	Andesite
DDH-ET-0805	105.1	115.55	GRD	Granodiorite
DDH-ET-0805	115.55	125.2	MNZN	Monzonite
DDH-ET-0805	125.2	125.8	GRD	Granodiorite
DDH-ET-0805	125.8	128	MNZN	Monzonite
DDH-ET-0805	128	143.6	GRD	Granodiorite
DDH-ET-0805	143.6	191.4	MNZN	Monzonite
DDH-ET-0805	191.4	191.85	BXTM	Breccia tourmaline

DDH-ET-0805	191.85	202.1	MNZN	Monzonite
DDH-ET-0806	0	84.8	GRD	Granodiorite
DDH-ET-0806	84.8	85.3	And	Andesite
DDH-ET-0806	85.3	100.3	GRD	Granodiorite
DDH-ET-0806	100.3	101.55	BXTM	Breccia tourmaline
DDH-ET-0806	101.55	105.1	GRD	Granodiorite
DDH-ET-0806	105.1	111.1	BXMM	Breccia
DDH-ET-0806	111.1	112.6	BxTc	Breccia tectonic
DDH-ET-0806	112.6	155.2	BXMM	Breccia
DDH-ET-0806	155.2	155.4	And	Andesite
DDH-ET-0806	155.4	184	BXMM	Breccia
DDH-ET-0806	184	202.6	MNZN	Monzonite
DDH-ET-0807	0	57.9	GRD	Granodiorite
DDH-ET-0807	57.9	68	And	Andesite
DDH-ET-0807	68	94.3	GRD	Granodiorite
DDH-ET-0807	94.3	95.6	And	Andesite
DDH-ET-0807	95.6	134.5	GRD	Granodiorite
DDH-ET-0807	134.5	138.35	BXMM	Breccia
DDH-ET-0807	138.35	148.5	GRD	Granodiorite
DDH-ET-0807	148.5	153.6	BXMM	Breccia
DDH-ET-0807	153.6	156.2	GRD	Granodiorite
DDH-ET-0807	156.2	158.45	And	Andesite
DDH-ET-0807	158.45	180	GRD	Granodiorite
DDH-ET-0807	180	182	BXMM	Breccia
DDH-ET-0807	182	200.5	GRD	Granodiorite
SFDH-001	0	34.5	MS	NULL
SFDH-001	34.5	71.5	BXTM	Tourmaline Bx
SFDH-001	71.5	100.4	MS	NULL
SFDH-002	0	27	MS	NULL
SFDH-002	27	116.2	BXTM	Tourmaline Bx
SFDH-002	116.2	161	MS	NULL
SFDH-003	0	45	MS	NULL
SFDH-003	45	149.4	BXTM	Tourmaline Bx
SFDH-003	149.4	156	MS	NULL
SFDH-004	0	125	BXTM	Tourmaline Bx
SFDH-004	125	143.4	MS	NULL
SFDH-005	0	118	BXTM	Tourmaline Bx
SFDH-005	118	131	MS	NULL
SFDH-006	0	28	MS	NULL
SFDH-006	28	79.35	BXTM	Tourmaline Bx
SFDH-006	79.35	100.25	MS	NULL
SFDH-007	0	5	MS	NULL
SFDH-007	5	165.7	BXTM	Tourmaline Bx
SFDH-007	165.7	169.8	MS	NULL
SFDH-008	0	3.8	COL	COL
SFDH-008	3.8	215.4	BXTM	Tourmaline Bx
SFDH-009	0	3	COL	NULL
SFDH-009	3	50.7	BXTM	Tourmaline Bx
SFDH-009	50.7	146.5	MS	NULL
SFDH-010	0	15.2	MS	NULL

SFDH-010	15.2	248	BXTM	Tourmaline Bx

1.5 Drilling Assay Data

All assays were conducted by ALS Global and prepared at their Mendoza facility. The pulps were then shipped to ALS Santiago, Chile for analysis. All drill core is HQ size.

Drill hole	Workorder	Po Number	Received On	Analytical Finalization Reported
SFDH-001	ME19253609	SF-0021	26-Oct-2019	12-Nov-2019
SFDH-002	ME19253610	SF-0022	26-Oct-2019	11-Nov-2019
SFDH-002	ME19269967	SF-0023	26-Oct-2019	08-Nov-2019
SFDH-003	ME19269969	SF-0024	26-Oct-2019	12-Nov-2019
SFDH-003	ME19269970	SF-0025	26-Oct-2019	13-Nov-2019
SFDH-004	ME19269971	SF-0026	26-Oct-2019	12-Nov-2019
SFDH-004	ME19269972	SF-0027	26-Oct-2019	11-Nov-2019
SFDH-005	ME19269973	SF-0028	26-Oct-2019	13-Nov-2019
SFDH-005	ME19269974	SF-0029	26-Oct-2019	14-Nov-2019
SFDH-006	ME19269975	SF-0030	26-Oct-2019	12-Nov-2019
SFDH-007	ME19269977	SF-0031	26-Oct-2019	14-Nov-2019
SFDH-007	ME19269979	SF-0032	26-Oct-2019	14-Nov-2019
SFDH-007	ME19269982	SF-0033	26-Oct-2019	14-Nov-2019
SFDH-008	ME19269983	SF-0034	26-Oct-2019	14-Nov-2019
SFDH-008	ME19269997	SF-0035	26-Oct-2019	15-Nov-2019
SFDH-008	ME19269985	SF-0036	26-Oct-2019	15-Nov-2019
SFDH-009	ME19269989	SF-0037	26-Oct-2019	14-Nov-2019
SFDH-009	ME19269991	SF-0038	26-Oct-2019	14-Nov-2019
SFDH-010	ME19269992	SF-0039	26-Oct-2019	15-Nov-2019
SFDH-010	ME19269994	SF-0040	26-Oct-2019	14-Nov-2019
SFDH-010	ME19269995	SF-0041	26-Oct-2019	14-Nov-2019

Table 28 ALS Assay Batches

Code	Definition
NS	No Sample
SED	Sedimentary Rocks
BRX	Breccia
OXI	Oxide zone
MIX	Mixed oxide and sulphide zone
SUP	Supergene zone
PRI	Primary sulphide zone
HYP	Hypogene or Primary zone
UNK	Unknown oxidation

Table 29 2019 TMC drilling assays

Hole_ID	From	To	Sample #	Sample Type	Au Method	BM Method	Au_ppm AAS	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Lithology	Dispatch #	Mineral Zone
SFDH-001	0	2	7002	Half Core	Au-AA24	ME-MS61	0.011	0.31	799	25.6	77	1.25	SED	SF-0021	OXI
SFDH-001	2	4	7003	Half Core	Au-AA24	ME-MS61	0.012	0.23	877	27.7	65	0.52	SED	SF-0021	OXI
SFDH-001	4	6	7004	Half Core	Au-AA24	ME-MS61	0.0025	0.09	904	15.8	131	0.32	SED	SF-0021	OXI
SFDH-001	6	8	7005	Half Core	Au-AA24	ME-MS61	0.0025	0.13	621	12.2	63	1.1	SED	SF-0021	OXI
SFDH-001	8	10	7006	Half Core	Au-AA24	ME-MS61	0.0025	0.06	789	13.5	177	0.38	SED	SF-0021	OXI
SFDH-001	10	12	7007	Half Core	Au-AA24	ME-MS61	0.0025	0.07	901	12.2	74	1.32	SED	SF-0021	OXI
SFDH-001	12	14	7008	Half Core	Au-AA24	ME-MS61	0.01	0.12	715	20.3	119	1.47	SED	SF-0021	OXI
SFDH-001	14	16	7009	Half Core	Au-AA24	ME-MS61	0.0025	0.09	558	17.5	52	0.82	SED	SF-0021	OXI
SFDH-001	16	18	7011	Half Core	Au-AA24	ME-MS61	0.005	0.1	992	21.2	73	0.68	SED	SF-0021	OXI
SFDH-001	18	20	7012	Half Core	Au-AA24	ME-MS61	0.0025	0.17	585	14.9	90	0.36	SED	SF-0021	OXI
SFDH-001	20	22	7013	Half Core	Au-AA24	ME-MS61	0.0025	0.11	735	10.6	100	0.35	SED	SF-0021	OXI
SFDH-001	22	24	7014	Half Core	Au-AA24	ME-MS61	0.0025	0.08	1030	13.3	209	0.51	SED	SF-0021	OXI
SFDH-001	24	26	7015	Half Core	Au-AA24	ME-MS61	0.0025	0.07	587	18.1	106	0.56	SED	SF-0021	OXI
SFDH-001	26	28	7016	Half Core	Au-AA24	ME-MS61	0.0025	0.16	667	18.7	127	0.99	SED	SF-0021	OXI
SFDH-001	28	30	7017	Half Core	Au-AA24	ME-MS61	0.006	0.09	1060	13	134	2.69	SED	SF-0021	OXI
SFDH-001	30	32	7018	Half Core	Au-AA24	ME-MS61	0.01	0.42	670	9.4	151	1.17	SED	SF-0021	OXI
SFDH-001	32	34.5	7019	Half Core	Au-AA24	ME-MS61	0.023	2.72	3710	149.5	341	7.04	SED	SF-0021	OXI
SFDH-001	34.5	36.35	7021	Half Core	Au-AA24	ME-MS61	0.855	36.9	9880	1795	192	3190	BRX	SF-0021	OXI
SFDH-001	36.35	37	7022	Half Core	Au-AA24	ME-MS61	3.86	110	7990	2450	64	4100	BRX	SF-0021	OXI
SFDH-001	37	38	7023	Half Core	Au-AA24	ME-MS61	5.74	92.5	2280	1525	37	1780	BRX	SF-0021	OXI
SFDH-001	38	39	7024	Half Core	Au-AA24	ME-MS61	9.26	47.2	3190	999	32	569	BRX	SF-0021	OXI
SFDH-001	39	40	7025	Half Core	Au-AA24	ME-MS61	4.96	66	2060	1230	19	1070	BRX	SF-0021	OXI
SFDH-001	40	41	7026	Half Core	Au-AA24	ME-MS61	13.05	507	2010	6910	18	10000	BRX	SF-0021	OXI
SFDH-001	41	42	7027	Half Core	Au-AA24	ME-MS61	6.67	122	1320	2250	30	4860	BRX	SF-0021	OXI
SFDH-001	42	43	7028	Half Core	Au-AA24	ME-MS61	10	100	1900	715	38	2230	BRX	SF-0021	MIX
SFDH-001	43	44	7029	Half Core	Au-AA24	ME-MS61	10.95	87.2	1910	648	39	517	BRX	SF-0021	MIX
SFDH-001	44	45	7030	Half Core	Au-AA24	ME-MS61	15.05	67.5	1440	847	28	93.5	BRX	SF-0021	MIX
SFDH-001	45	46	7032	Half Core	Au-AA24	ME-MS61	9.75	93.5	13250	1970	37	30.9	BRX	SF-0021	MIX
SFDH-001	46	47	7033	Half Core	Au-AA24	ME-MS61	9.25	81.1	22200	3490	79	789	BRX	SF-0021	SUP
SFDH-001	47	48	7034	Half Core	Au-AA24	ME-MS61	9.01	332	11350	6540	67	10000	BRX	SF-0021	SUP
SFDH-001	48	49	7035	Half Core	Au-AA24	ME-MS61	6.2	137	5900	3930	84	4250	BRX	SF-0021	SUP
SFDH-001	49	50	7036	Half Core	Au-AA24	ME-MS61	6.41	273	34100	6140	368	10000	BRX	SF-0021	SUP
SFDH-001	50	51	7037	Half Core	Au-AA24	ME-MS61	6.3	126	17750	1910	543	2340	BRX	SF-0021	SUP
SFDH-001	51	52	7038	Half Core	Au-AA24	ME-MS61	9.32	196	12050	3370	531	4080	BRX	SF-0021	SUP
SFDH-001	52	53	7039	Half Core	Au-AA24	ME-MS61	7.55	89.7	14450	1585	534	1440	BRX	SF-0021	SUP
SFDH-001	53	54	7040	Half Core	Au-AA24	ME-MS61	6.71	436	15700	7260	491	10000	BRX	SF-0021	SUP
SFDH-001	54	55	7041	Half Core	Au-AA24	ME-MS61	5.26	75.9	6960	1760	625	1500	BRX	SF-0021	SUP
SFDH-001	55	56	7042	Half Core	Au-AA24	ME-MS61	8.7	97.3	14800	1485	926	914	BRX	SF-0021	SUP
SFDH-001	56	57	7043	Half Core	Au-AA24	ME-MS61	7.88	135	12700	2460	667	2230	BRX	SF-0021	SUP

SFDH-001	57	58	7044	Half Core	Au-AA24	ME-MS61	5.93	135	18450	2090	877	1550	BRX	SF-0021	SUP
SFDH-001	58	59	7045	QC - QuarterCore	Au-AA24	ME-MS61	3.54	115	25200	862	1240	358	BRX	SF-0021	SUP
SFDH-001	59	60	7047	Half Core	Au-AA24	ME-MS61	6.9	17.5	893	1160	1570	47.4	BRX	SF-0021	SUP
SFDH-001	60	61	7048	Half Core	Au-AA24	ME-MS61	6.92	38.4	10750	533	831	77.4	BRX	SF-0021	SUP
SFDH-001	61	62	7049	Half Core	Au-AA24	ME-MS61	4.62	562	11550	7810	764	10000	BRX	SF-0021	SUP
SFDH-001	62	63	7050	Half Core	Au-AA24	ME-MS61	6.06	163	14250	2270	775	3090	BRX	SF-0021	SUP
SFDH-001	63	64	7051	Half Core	Au-AA24	ME-MS61	6.48	85.2	10650	3090	1080	592	BRX	SF-0021	SUP
SFDH-001	64	65	7052	Half Core	Au-AA24	ME-MS61	1.17	11.2	204	766	224	237	BRX	SF-0021	SUP
SFDH-001	65	66	7053	Half Core	Au-AA24	ME-MS61	1.475	4.33	438	901	799	16.8	BRX	SF-0021	PRI
SFDH-001	66	67	7054	Half Core	Au-AA24	ME-MS61	2.67	1.16	66.1	290	482	6.74	BRX	SF-0021	PRI
SFDH-001	67	68	7055	Half Core	Au-AA24	ME-MS61	3.18	4.57	97.9	334	325	32.6	BRX	SF-0021	PRI
SFDH-001	68	69	7057	Half Core	Au-AA24	ME-MS61	3.53	10.5	268	922	605	49.9	BRX	SF-0021	PRI
SFDH-001	69	70	7058	Half Core	Au-AA24	ME-MS61	3.04	9.02	796	961	920	61.4	BRX	SF-0021	PRI
SFDH-001	70	71.45	7059	Half Core	Au-AA24	ME-MS61	3.93	46.6	7790	1650	731	584	BRX	SF-0021	PRI
SFDH-001	71.45	74	7060	Half Core	Au-AA24	ME-MS61	0.127	7.12	997	639	989	32.4	BRX	SF-0021	PRI
SFDH-001	74	75	7061	Half Core	Au-AA24	ME-MS61	0.027	3.86	168	374	759	31.1	SED	SF-0021	PRI
SFDH-001	75	76	7062	QC - QuarterCore	Au-AA24	ME-MS61	0.011	2.51	195	34.3	650	13.2	SED	SF-0021	PRI
SFDH-001	76	78	7064	Half Core	Au-AA24	ME-MS61	0.024	7.82	101	189	379	173	SED	SF-0021	PRI
SFDH-001	78	80	7065	Half Core	Au-AA24	ME-MS61	0.005	1.17	84.3	74.9	155	23.3	SED	SF-0021	PRI
SFDH-001	80	82	7066	Half Core	Au-AA24	ME-MS61	0.009	0.37	198.5	18.2	73	1.87	SED	SF-0021	PRI
SFDH-001	82	84	7067	Half Core	Au-AA24	ME-MS61	0.005	0.34	44.1	23.5	75	1.75	SED	SF-0021	PRI
SFDH-001	84	86	7068	Half Core	Au-AA24	ME-MS61	0.0025	0.39	49.9	21.2	40	1.85	SED	SF-0021	PRI
SFDH-001	86	88	7069	Half Core	Au-AA24	ME-MS61	0.124	1.44	429	171	97	12.8	SED	SF-0021	PRI
SFDH-001	88	90	7070	Half Core	Au-AA24	ME-MS61	0.009	0.65	66.7	47	88	2.53	SED	SF-0021	PRI
SFDH-001	90	92	7071	Half Core	Au-AA24	ME-MS61	0.01	0.46	49.5	65.3	95	1.48	SED	SF-0021	PRI
SFDH-001	92	94	7072	Half Core	Au-AA24	ME-MS61	0.009	0.6	157.5	57.6	57	3.13	SED	SF-0021	PRI
SFDH-001	94	95	7073	Half Core	Au-AA24	ME-MS61	0.012	0.52	115	47.2	36	2.29	SED	SF-0021	PRI
SFDH-001	95	96	7075	Half Core	Au-AA24	ME-MS61	0.007	0.47	114.5	43.7	49	2.99	SED	SF-0021	PRI
SFDH-001	96	98	7076	Half Core	Au-AA24	ME-MS61	0.007	0.33	129	26.8	47	1.69	SED	SF-0021	PRI
SFDH-001	98	100.5	7077	Half Core	Au-AA24	ME-MS61	0.008	0.37	109	39.4	68	2.37	SED	SF-0021	PRI
SFDH-002	0	1	7079	Half Core	Au-AA24	ME-MS61	0.016	1.12	157	143	141	7.6	SED	SF-0022	OXI
SFDH-002	1	2	7080	Half Core	Au-AA24	ME-MS61	0.017	1.58	82.1	220	162	25.6	SED	SF-0022	OXI
SFDH-002	2	3	7081	Half Core	Au-AA24	ME-MS61	0.009	3.02	136	277	207	55.6	SED	SF-0022	OXI
SFDH-002	3	4	7082	Half Core	Au-AA24	ME-MS61	0.006	1.19	205	88.8	48	3.31	SED	SF-0022	OXI
SFDH-002	4	5	7083	Half Core	Au-AA24	ME-MS61	0.009	0.5	102.5	50.3	186	1.39	SED	SF-0022	OXI
SFDH-002	5	6	7084	Half Core	Au-AA24	ME-MS61	0.008	0.34	133.5	17.5	322	1.12	SED	SF-0022	OXI
SFDH-002	6	7	7085	Half Core	Au-AA24	ME-MS61	0.007	0.29	109	22.7	213	0.88	SED	SF-0022	OXI
SFDH-002	7	8	7086	Half Core	Au-AA24	ME-MS61	0.006	0.49	85.2	36.5	63	1.84	SED	SF-0022	OXI
SFDH-002	8	9	7088	Half Core	Au-AA24	ME-MS61	0.007	0.53	172	49	47	1.97	SED	SF-0022	OXI
SFDH-002	9	10	7089	Half Core	Au-AA24	ME-MS61	0.008	0.62	154	60.7	64	1.42	SED	SF-0022	OXI
SFDH-002	10	11	7090	Half Core	Au-AA24	ME-MS61	0.015	1.2	174	74.1	161	1.96	SED	SF-0022	OXI
SFDH-002	11	12	7091	Half Core	Au-AA24	ME-MS61	0.016	0.65	152	63.1	136	1.3	SED	SF-0022	OXI
SFDH-002	12	13	7092	Half Core	Au-AA24	ME-MS61	0.016	1.3	310	42.7	184	1.82	SED	SF-0022	OXI

SFDH-002	13	14	7093	Half Core	Au-AA24	ME-MS61	0.016	0.53	205	22.6	165	2.16	SED	SF-0022	OXI
SFDH-002	14	15	7094	Half Core	Au-AA24	ME-MS61	0.0025	0.25	85.9	16.6	120	0.59	SED	SF-0022	OXI
SFDH-002	15	16	7095	Half Core	Au-AA24	ME-MS61	0.023	0.22	74.1	14.5	105	0.75	SED	SF-0022	OXI
SFDH-002	16	17	7096	QC - QuarterCore	Au-AA24	ME-MS61	0.007	0.38	109	30.8	157	0.98	SED	SF-0022	OXI
SFDH-002	17	18	7098	Half Core	Au-AA24	ME-MS61	0.011	0.43	162.5	16.6	333	2.82	SED	SF-0022	OXI
SFDH-002	18	19	7099	Half Core	Au-AA24	ME-MS61	0.008	0.3	178.5	19.1	1050	1.09	SED	SF-0022	OXI
SFDH-002	19	20	7100	Half Core	Au-AA24	ME-MS61	0.0025	0.14	105.5	13.2	573	0.92	SED	SF-0022	OXI
SFDH-002	20	21	7101	Half Core	Au-AA24	ME-MS61	0.0025	0.05	197.5	14.7	903	0.6	SED	SF-0022	OXI
SFDH-002	21	22	7102	Half Core	Au-AA24	ME-MS61	0.006	0.19	237	10.4	756	1.04	SED	SF-0022	OXI
SFDH-002	22	23	7103	Half Core	Au-AA24	ME-MS61	0.012	0.81	567	18.2	649	1.98	SED	SF-0022	OXI
SFDH-002	23	24	7104	Half Core	Au-AA24	ME-MS61	0.0025	0.73	354	16.9	509	0.98	SED	SF-0022	OXI
SFDH-002	24	25	7105	Half Core	Au-AA24	ME-MS61	0.006	0.86	294	28.6	415	1.38	SED	SF-0022	OXI
SFDH-002	25	26	7106	Half Core	Au-AA24	ME-MS61	0.008	1.36	335	55.9	402	2.06	BRX	SF-0022	OXI
SFDH-002	26	27.7	7107	Half Core	Au-AA24	ME-MS61	0.063	3.44	272	532	305	32.2	BRX	SF-0022	OXI
SFDH-002	27.7	28.3	7109	Half Core	Au-AA24	ME-MS61	0.99	39	824	955	198	784	BRX	SF-0022	OXI
SFDH-002	28.3	29	7110	Half Core	Au-AA24	ME-MS61	5.58	36.7	2920	948	77	3060	BRX	SF-0022	OXI
SFDH-002	29	30	7111	Half Core	Au-AA24	ME-MS61	9.34	58	886	2060	13	5220	BRX	SF-0022	OXI
SFDH-002	30	31	7112	Half Core	Au-AA24	ME-MS61	2.53	17.55	549	545	17	179	BRX	SF-0022	OXI
SFDH-002	31	32	7113	Half Core	Au-AA24	ME-MS61	11.6	98.4	1590	2220	18	10000	BRX	SF-0022	OXI
SFDH-002	32	33	7114	Half Core	Au-AA24	ME-MS61	4.42	18.8	680	618	19	311	BRX	SF-0022	OXI
SFDH-002	33	34	7115	Half Core	Au-AA24	ME-MS61	2.58	100					BRX	SF-0022	OXI
SFDH-002	34	35	7116	Half Core	Au-AA24	ME-MS61	0.969	49.7	1220	934	46	1480	BRX	SF-0022	OXI
SFDH-002	35	36	7117	Half Core	Au-AA24	ME-MS61	1.79	109	555	2070	22	3700	BRX	SF-0022	OXI
SFDH-002	36	37	7119	Half Core	Au-AA24	ME-MS61	3.52	98	304	922	21	1900	BRX	SF-0022	OXI
SFDH-002	37	38	7120	Half Core	Au-AA24	ME-MS61	7.39	116	257	1175	21	3100	BRX	SF-0022	OXI
SFDH-002	38	39	7121	Half Core	Au-AA24	ME-MS61	4.65	57.3	124	687	22	1020	BRX	SF-0022	OXI
SFDH-002	39	40	7122	Half Core	Au-AA24	ME-MS61	8.95	72.8	474	1350	18	1940	BRX	SF-0022	OXI
SFDH-002	40	41	7123	Half Core	Au-AA24	ME-MS61	7.67	46.9	238	262	18	261	BRX	SF-0022	OXI
SFDH-002	41	42	7124	Half Core	Au-AA24	ME-MS61	6.06	35.4	888	214	16	218	BRX	SF-0022	OXI
SFDH-002	42	43	7125	Half Core	Au-AA24	ME-MS61	4.8	31.8	545	196.5	17	258	BRX	SF-0022	OXI
SFDH-002	43	44	7126	Half Core	Au-AA24	ME-MS61	6.59	26.7	567	139.5	19	102	BRX	SF-0022	OXI
SFDH-002	44	45	7127	Half Core	Au-AA24	ME-MS61	12.2	55.8	541	315	18	274	BRX	SF-0022	OXI
SFDH-002	45	46	7129	Half Core	Au-AA24	ME-MS61	11.65	66.6	531	756	23	117	BRX	SF-0022	OXI
SFDH-002	46	47	7130	Half Core	Au-AA24	ME-MS61	10.3	58.3	458	636	21	102	BRX	SF-0022	MIX
SFDH-002	47	48	7131	Half Core	Au-AA24	ME-MS61	9.13	86	571	1190	36	130	BRX	SF-0022	MIX
SFDH-002	48	49	7132	Half Core	Au-AA24	ME-MS61	5.44	342	892	11650	47	682	BRX	SF-0022	MIX
SFDH-002	49	50	7133	Half Core	Au-AA24	ME-MS61	9.3	287	672	21700	45	446	BRX	SF-0022	MIX
SFDH-002	50	51	7134	Half Core	Au-AA24	ME-MS61	6.29	103	1770	26600	23	106.5	BRX	SF-0022	MIX
SFDH-002	51	52	7135	Half Core	Au-AA24	ME-MS61	2.13	100	10000	10000	40	148.5	BRX	SF-0022	MIX
SFDH-002	52	53	7136	Half Core	Au-AA24	ME-MS61	0.724	130	18400	57100	183	86.2	BRX	SF-0022	MIX
SFDH-002	53	54	7137	Half Core	Au-AA24	ME-MS61	0.428	106	13800	58300	433	97	BRX	SF-0022	MIX
SFDH-002	54	55	7138	Half Core	Au-AA24	ME-MS61	0.106	289	21200	43500	782	287	BRX	SF-0022	MIX
SFDH-002	55	56	7139	Half Core	Au-AA24	ME-MS61	0.575	91.3	5570	9360	63	125	BRX	SF-0022	MIX

SFDH-002	56	57	7140	Half Core	Au-AA24	ME-MS61	0.69	8.2	250	2190	38	16.25	BRX	SF-0022	SUP
SFDH-002	57	58	7141	Half Core	Au-AA24	ME-MS61	1.07	88.3	36000	2200	1180	988	BRX	SF-0022	SUP
SFDH-002	58	59	7142	Half Core	Au-AA24	ME-MS61	3.26	166	26800	2930	767	5890	BRX	SF-0022	SUP
SFDH-002	59	60	7143	QC - QuarterCore	Au-AA24	ME-MS61	4.93	166	14900	3190	583	4270	BRX	SF-0022	SUP
SFDH-002	60	61	7145	Half Core	Au-AA24	ME-MS61	4.63	85.1	12100	2220	461	228	BRX	SF-0022	SUP
SFDH-002	61	62	7146	Half Core	Au-AA24	ME-MS61	9.19	492	19150	5680	511	5410	BRX	SF-0022	SUP
SFDH-002	62	63	7147	Half Core	Au-AA24	ME-MS61	2.81	25.3	7560	251	154	21.1	BRX	SF-0022	HYP
SFDH-002	63	64	7148	Half Core	Au-AA24	ME-MS61	5.67	115	3250	1280	156	646	BRX	SF-0022	HYP
SFDH-002	64	65	7149	Half Core	Au-AA24	ME-MS61	7.83	41.6	6460	418	406	24.7	BRX	SF-0022	HYP
SFDH-002	65	66	7150	Half Core	Au-AA24	ME-MS61	5.08	88.8	4390	3130	341	142.5	BRX	SF-0022	HYP
SFDH-002	66	67	7151	Half Core	Au-AA24	ME-MS61	3.86	67.6	2660	3690	566	126	BRX	SF-0022	HYP
SFDH-002	67	68	7152	Half Core	Au-AA24	ME-MS61	4.33	112	4210	9320	364	189.5	BRX	SF-0022	HYP
SFDH-002	68	69	7153	Half Core	Au-AA24	ME-MS61	4.25	143	5400	10300	674	213	BRX	SF-0022	HYP
SFDH-002	69	70	7154	Half Core	Au-AA24	ME-MS61	3.53	115	4210	8020	604	171	BRX	SF-0022	HYP
SFDH-002	70	71	7156	Half Core	Au-AA24	ME-MS61	4.74	98	5510	5940	747	113	BRX	SF-0023	HYP
SFDH-002	71	72	7157	Half Core	Au-AA24	ME-MS61	8.19	118	7550	9880	925	95.6	BRX	SF-0023	HYP
SFDH-002	72	73	7158	Half Core	Au-AA24	ME-MS61	1.985	50.2	3070	11450	757	52.4	BRX	SF-0023	HYP
SFDH-002	73	74	7159	Half Core	Au-AA24	ME-MS61	2.5	218	16450	2270	1480	163	BRX	SF-0023	HYP
SFDH-002	74	75	7160	Half Core	Au-AA24	ME-MS61	3.98	28.1	2350	978	252	25.2	BRX	SF-0023	HYP
SFDH-002	75	76	7161	Half Core	Au-AA24	ME-MS61	5.61	110	5080	1570	615	259	BRX	SF-0023	HYP
SFDH-002	76	77	7162	Half Core	Au-AA24	ME-MS61	5.71	378	2410	2920	380	1190	BRX	SF-0023	HYP
SFDH-002	77	78	7163	Half Core	Au-AA24	ME-MS61	5.19	65	5240	843	546	75.9	BRX	SF-0023	HYP
SFDH-002	78	79	7164	Half Core	Au-AA24	ME-MS61	8.59	85.8	7230	1040	754	101	BRX	SF-0023	HYP
SFDH-002	79	80	7166	Half Core	Au-AA24	ME-MS61	6.69	87.8	701	1350	292	272	BRX	SF-0023	HYP
SFDH-002	80	81	7167	Half Core	Au-AA24	ME-MS61	6.16	38.7	4260	441	782	24.8	BRX	SF-0023	HYP
SFDH-002	81	82	7168	Half Core	Au-AA24	ME-MS61	6.12	57	6040	2300	773	14.8	BRX	SF-0023	HYP
SFDH-002	82	83	7169	Half Core	Au-AA24	ME-MS61	5.63	48.3	6170	782	563	17.55	BRX	SF-0023	HYP
SFDH-002	83	84	7170	Half Core	Au-AA24	ME-MS61	4.27	132	9730	1450	606	130.5	BRX	SF-0023	HYP
SFDH-002	84	85	7171	Half Core	Au-AA24	ME-MS61	3.84	84	5760	728	451	66.4	BRX	SF-0023	HYP
SFDH-002	85	86	7172	Half Core	Au-AA24	ME-MS61	6.44	118	10350	1240	700	55.1	BRX	SF-0023	HYP
SFDH-002	86	87	7173	Half Core	Au-AA24	ME-MS61	3.79	26.1	2640	734	290	21.7	BRX	SF-0023	HYP
SFDH-002	87	88	7174	QC - QuarterCore	Au-AA24	ME-MS61	3.37	30.9	3270	440	203	39.3	BRX	SF-0023	HYP
SFDH-002	88	89	7176	Half Core	Au-AA24	ME-MS61	1.03	22.2	3770	485	595	15.75	BRX	SF-0023	HYP
SFDH-002	89	90	7177	Half Core	Au-AA24	ME-MS61	3.38	71.9	10900	499	534	92.5	BRX	SF-0023	HYP
SFDH-002	90	91	7178	Half Core	Au-AA24	ME-MS61	2.75	46.9	2720	630	219	195	BRX	SF-0023	HYP
SFDH-002	91	92	7179	Half Core	Au-AA24	ME-MS61	6.51	28.8	6490	372	440	57.4	BRX	SF-0023	HYP
SFDH-002	92	93	7180	Half Core	Au-AA24	ME-MS61	1.175	35.7	7570	855	510	35.1	BRX	SF-0023	HYP
SFDH-002	93	94	7181	Half Core	Au-AA24	ME-MS61	1.7	4.96	539	282	460	11.5	BRX	SF-0023	HYP
SFDH-002	94	95	7182	Half Core	Au-AA24	ME-MS61	1.505	10.95	2410	473	1440	34.8	BRX	SF-0023	HYP
SFDH-002	95	96	7183	Half Core	Au-AA24	ME-MS61	4.11	67.3	16500	305	898	88.5	BRX	SF-0023	HYP
SFDH-002	96	97	7184	Half Core	Au-AA24	ME-MS61	1.365	65.9	19400	190	1040	19.65	BRX	SF-0023	HYP
SFDH-002	97	98	7186	Half Core	Au-AA24	ME-MS61	2.81	83.6	18000	928	981	243	BRX	SF-0023	HYP
SFDH-002	98	99	7187	Half Core	Au-AA24	ME-MS61	2.38	113	9840	1650	809	250	BRX	SF-0023	HYP

SFDH-002	99	100	7188	Half Core	Au-AA24	ME-MS61	1.3	34.9	8430	813	927	63.4	BRX	SF-0023	HYP
SFDH-002	100	101	7189	Half Core	Au-AA24	ME-MS61	1.33	48.4	9750	1400	1790	92.8	BRX	SF-0023	HYP
SFDH-002	101	102	7190	Half Core	Au-AA24	ME-MS61	2.9	27.4	9950	393	763	29.5	BRX	SF-0023	HYP
SFDH-002	102	103	7191	Half Core	Au-AA24	ME-MS61	2.95	97.1	26700	1290	1300	2930	BRX	SF-0023	HYP
SFDH-002	103	104	7192	Half Core	Au-AA24	ME-MS61	4.28	127	14500	2680	1060	1130	BRX	SF-0023	HYP
SFDH-002	104	105	7193	Half Core	Au-AA24	ME-MS61	4.64	229	9080	4510	1010	3760	BRX	SF-0023	HYP
SFDH-002	105	106	7194	Half Core	Au-AA24	ME-MS61	3.51	473	18750	7820	882	10000	BRX	SF-0023	HYP
SFDH-002	106	107	7195	Half Core	Au-AA24	ME-MS61	4.58	282	16050	4500	1470	8630	BRX	SF-0023	HYP
SFDH-002	107	108	7196	QC - QuarterCore	Au-AA24	ME-MS61	2.74	56.9	9100	1180	1200	803	BRX	SF-0023	HYP
SFDH-002	108	109	7198	Half Core	Au-AA24	ME-MS61	3.48	36.3	10600	589	959	283	BRX	SF-0023	HYP
SFDH-002	109	110	7199	Half Core	Au-AA24	ME-MS61	5.27	119	7080	2230	599	3870	BRX	SF-0023	HYP
SFDH-002	110	111	7200	Half Core	Au-AA24	ME-MS61	0.909	20.8	12100	653	616	216	BRX	SF-0023	HYP
SFDH-002	111	112	7201	Half Core	Au-AA24	ME-MS61	4.58	180	8990	3290	397	4280	BRX	SF-0023	HYP
SFDH-002	112	113	7202	Half Core	Au-AA24	ME-MS61	0.285	68.8	13750	1490	395	2450	BRX	SF-0023	HYP
SFDH-002	113	114	7203	Half Core	Au-AA24	ME-MS61	0.992	869	60700	24200	2870	10000	BRX	SF-0023	HYP
SFDH-002	114	115	7204	Half Core	Au-AA24	ME-MS61	0.373	181	22600	6700	3510	4970	BRX	SF-0023	HYP
SFDH-002	115	116.4	7205	Half Core	Au-AA24	ME-MS61	0.266	66.8	8680	2070	1780	2670	BRX	SF-0023	HYP
SFDH-002	116.4	118	7207	Half Core	Au-AA24	ME-MS61	0.021	1.24	237	74.5	717	22.7	SED	SF-0023	UNK
SFDH-002	118	120	7208	Half Core	Au-AA24	ME-MS61	0.005	0.3	61.3	35.9	440	5.13	SED	SF-0023	UNK
SFDH-002	120	122	7209	Half Core	Au-AA24	ME-MS61	0.023	1.24	453	61	746	12	SED	SF-0023	UNK
SFDH-002	122	124	7210	Half Core	Au-AA24	ME-MS61	0.005	0.23	76.5	26.9	701	2.23	SED	SF-0023	UNK
SFDH-002	124	126	7211	Half Core	Au-AA24	ME-MS61	0.02	0.65	123.5	47.4	356	14.05	SED	SF-0023	UNK
SFDH-002	126	128	7212	Half Core	Au-AA24	ME-MS61	0.021	1.92	1250	59.7	304	49.9	SED	SF-0023	UNK
SFDH-002	128	130	7213	Half Core	Au-AA24	ME-MS61	0.005	0.11	55.2	10.5	34	0.87	SED	SF-0023	UNK
SFDH-002	130	132	7214	Half Core	Au-AA24	ME-MS61	0.0025	0.13	84.3	12.5	22	0.98	SED	SF-0023	UNK
SFDH-002	132	134	7216	Half Core	Au-AA24	ME-MS61	0.006	0.27	127	18.3	35	1.64	SED	SF-0023	UNK
SFDH-002	134	136	7217	Half Core	Au-AA24	ME-MS61	0.005	0.14	42.6	13	23	1.19	SED	SF-0023	UNK
SFDH-002	136	138	7218	Half Core	Au-AA24	ME-MS61	0.0025	0.11	55.5	15.2	29	1.43	SED	SF-0023	UNK
SFDH-002	138	140	7219	Half Core	Au-AA24	ME-MS61	0.0025	0.06	21.9	14.6	26	0.79	SED	SF-0023	UNK
SFDH-002	140	142	7220	Half Core	Au-AA24	ME-MS61	0.0025	0.19	42.2	29.6	47	2.31	SED	SF-0023	UNK
SFDH-002	142	144	7221	Half Core	Au-AA24	ME-MS61	0.008	0.46	83.1	63.8	143	9.09	SED	SF-0023	UNK
SFDH-002	144	146	7222	Half Core	Au-AA24	ME-MS61	0.022	0.99	33.7	109.5	177	5.14	SED	SF-0023	UNK
SFDH-002	146	148	7223	Half Core	Au-AA24	ME-MS61	0.062	3.55	85.3	348	496	12.35	SED	SF-0023	UNK
SFDH-002	148	150	7224	Half Core	Au-AA24	ME-MS61	0.078	2.76	137.5	182	160	41.8	SED	SF-0023	UNK
SFDH-002	150	152	7225	QC - QuarterCore	Au-AA24	ME-MS61	0.274	4.04	361	230	239	29.9	SED	SF-0023	UNK
SFDH-002	152	154	7227	Half Core	Au-AA24	ME-MS61	0.013	0.98	51.3	66.4	140	8.49	SED	SF-0023	UNK
SFDH-002	154	156	7228	Half Core	Au-AA24	ME-MS61	0.063	1.01	58.3	22.1	43	4.05	SED	SF-0023	UNK
SFDH-002	156	158	7229	Half Core	Au-AA24	ME-MS61	0.065	5.78	408	229	301	37.5	SED	SF-0023	UNK
SFDH-002	158	160	7230	Half Core	Au-AA24	ME-MS61	0.029	7.91	400	318	122	58.6	SED	SF-0023	UNK
SFDH-002	160	161	7231	Half Core	Au-AA24	ME-MS61	0.023	0.39	124	10.5	92	1.92	SED	SF-0023	UNK
SFDH-003	5	7	7233	Half Core	Au-AA24	ME-MS61	0.0025	0.23	75.4	39.6	73	1.27	SED	SF-0024	OXI
SFDH-003	7	9	7234	Half Core	Au-AA24	ME-MS61	0.0025	0.12	36.1	9.1	34	1.24	SED	SF-0024	OXI
SFDH-003	9	11	7235	Half Core	Au-AA24	ME-MS61	0.0025	0.14	39	21.5	68	1	SED	SF-0024	OXI

SFDH-003	11	13	7236	Half Core	Au-AA24	ME-MS61	0.006	0.18	106.5	12.3	94	0.68	SED	SF-0024	OXI
SFDH-003	13	14.45	7237	Half Core	Au-AA24	ME-MS61	0.013	0.32	394	31.4	139	3.35	SED	SF-0024	OXI
SFDH-003	14.45	16	7238	Half Core	Au-AA24	ME-MS61	0.007	0.15	561	19.1	216	0.94	SED	SF-0024	OXI
SFDH-003	16	17	7240	Half Core	Au-AA24	ME-MS61	0.009	0.45	534	96.9	69	1.33	SED	SF-0024	OXI
SFDH-003	17	18	7241	Half Core	Au-AA24	ME-MS61	0.02	0.41	561	66.9	122	1.65	SED	SF-0024	OXI
SFDH-003	18	19	7242	Half Core	Au-AA24	ME-MS61	0.016	0.44	634	20.7	460	1.24	SED	SF-0024	OXI
SFDH-003	19	20	7243	Half Core	Au-AA24	ME-MS61	0.008	0.41	1470	26.7	258	1.06	SED	SF-0024	OXI
SFDH-003	20	21	7244	Half Core	Au-AA24	ME-MS61	0.016	0.49	3200	47	96	1.63	SED	SF-0024	OXI
SFDH-003	21	22.5	7245	Half Core	Au-AA24	ME-MS61	0.0025	0.24	1650	62	93	0.99	SED	SF-0024	OXI
SFDH-003	22.5	23	7247	Half Core	Au-AA24	ME-MS61	0.007	0.17	1870	11	69	0.94	BRX	SF-0024	OXI
SFDH-003	23	24	7248	Half Core	Au-AA24	ME-MS61	0.008	0.28	1700	15.1	46	1.4	BRX	SF-0024	OXI
SFDH-003	24	25	7249	Half Core	Au-AA24	ME-MS61	0.008	0.18	1380	14.8	82	1.32	BRX	SF-0024	OXI
SFDH-003	25	26	7250	Half Core	Au-AA24	ME-MS61	0.005	0.27	2070	13.1	83	1.63	BRX	SF-0024	OXI
SFDH-003	26	27	7251	Half Core	Au-AA24	ME-MS61	0.008	0.84	1960	39.3	162	4.43	BRX	SF-0024	OXI
SFDH-003	27	28	7252	Half Core	Au-AA24	ME-MS61	0.006	0.92	2760	116.5	155	2.64	BRX	SF-0024	OXI
SFDH-003	28	29	7253	Half Core	Au-AA24	ME-MS61	0.005	0.85	4440	59	211	2.27	BRX	SF-0024	OXI
SFDH-003	29	30	7254	Half Core	Au-AA24	ME-MS61	0.015	0.88	4210	67.8	136	2.35	SED	SF-0024	OXI
SFDH-003	30	31	7255	Half Core	Au-AA24	ME-MS61	0.006	0.69	6190	12.8	223	1.67	SED	SF-0024	OXI
SFDH-003	31	32	7256	Half Core	Au-AA24	ME-MS61	0.0025	0.45	3730	9	258	0.49	SED	SF-0024	OXI
SFDH-003	32	33	7257	QC - QuarterCore	Au-AA24	ME-MS61	0.0025	0.3	1070	8.1	332	0.31	SED	SF-0024	OXI
SFDH-003	33	34	7259	Half Core	Au-AA24	ME-MS61	0.0025	0.16	1920	9.9	371	0.6	SED	SF-0024	OXI
SFDH-003	34	35	7260	Half Core	Au-AA24	ME-MS61	0.005						SED	SF-0024	OXI
SFDH-003	35	36	7261	Half Core	Au-AA24	ME-MS61	0.0025	0.12	540	15.8	597	2.49	SED	SF-0024	OXI
SFDH-003	36	37	7262	Half Core	Au-AA24	ME-MS61	0.006	0.16	1035	13.6	163	2.21	SED	SF-0024	OXI
SFDH-003	37	38	7263	Half Core	Au-AA24	ME-MS61	0.009	0.75	2690	71.9	234	31.6	SED	SF-0024	OXI
SFDH-003	38	39	7264	Half Core	Au-AA24	ME-MS61	0.02	1.66	1230	186	76	40.6	SED	SF-0024	OXI
SFDH-003	39	40	7265	Half Core	Au-AA24	ME-MS61	0.046	3.76	1190	265	65	37.5	SED	SF-0024	OXI
SFDH-003	40	41	7266	Half Core	Au-AA24	ME-MS61	0.011	1.14	594	125.5	90	26.9	SED	SF-0024	OXI
SFDH-003	41	42	7268	Half Core	Au-AA24	ME-MS61	0.008	0.65	697	70.6	356	5.18	SED	SF-0024	OXI
SFDH-003	42	43	7269	Half Core	Au-AA24	ME-MS61	0.168	19.55	1650	1340	117	156	SED	SF-0024	OXI
SFDH-003	43	43.5	7270	Half Core	Au-AA24	ME-MS61	0.301	103	12550	3500	462	6170	SED	SF-0024	OXI
SFDH-003	43.5	44.25	7271	Half Core	Au-AA24	ME-MS61	0.251	42.1	10150	2090	445	898	SED	SF-0024	OXI
SFDH-003	44.25	45	7272	Half Core	Au-AA24	ME-MS61	5.18	211	55800	3110	692	10000	SED	SF-0024	OXI
SFDH-003	45	46	7273	Half Core	Au-AA24	ME-MS61	7.95	210	78400	2980	173	10000	SED	SF-0024	OXI
SFDH-003	46	46.5	7274	Half Core	Au-AA24	ME-MS61	11.45	180	81900	2870	160	10000	SED	SF-0024	OXI
SFDH-003	46.5	48.3	7275	Half Core	Au-AA24	ME-MS61	10.7	83.8	70600	1060	139	5170	SED	SF-0024	OXI
SFDH-003	48.3	49	7276	Half Core	Au-AA24	ME-MS61	6.93	89	72200	664	144	3410	SED	SF-0024	OXI
SFDH-003	49	50	7278	Half Core	Au-AA24	ME-MS61	7.28	104	94900	1130	159	4280	SED	SF-0024	OXI
SFDH-003	50	51	7279	Half Core	Au-AA24	ME-MS61	6.07	154	70200	805	219	4850	BRX	SF-0024	MIX
SFDH-003	51	52	7280	Half Core	Au-AA24	ME-MS61	6.94	113	63300	772	571	1180	BRX	SF-0024	MIX
SFDH-003	52	53	7281	Half Core	Au-AA24	ME-MS61	3.16	99.3	68200	753	416	1330	BRX	SF-0024	SUP
SFDH-003	53	54	7282	Half Core	Au-AA24	ME-MS61	3.88	77.2	34500	703	332	1095	BRX	SF-0024	SUP
SFDH-003	54	55	7283	Half Core	Au-AA24	ME-MS61	9.18	76.9	29400	792	194	872	BRX	SF-0024	SUP

SFDH-003	55	56	7284	Half Core	Au-AA24	ME-MS61	2.38	95.3	30900	1040	311	2210	BRX	SF-0024	SUP
SFDH-003	56	57	7285	Half Core	Au-AA24	ME-MS61	4.79	100	12250	1630	220	3810	BRX	SF-0024	SUP
SFDH-003	57	58	7286	Half Core	Au-AA24	ME-MS61	3.84	70.3	10900	814	263	1315	BRX	SF-0024	SUP
SFDH-003	58	59	7288	Half Core	Au-AA24	ME-MS61	4.28	110	12300	1395	637	1565	BRX	SF-0024	SUP
SFDH-003	59	60	7289	Half Core	Au-AA24	ME-MS61	3.55	122	17800	1380	675	3430	BRX	SF-0024	HYP
SFDH-003	60	61	7290	Half Core	Au-AA24	ME-MS61	6.12	54	14600	791	541	469	BRX	SF-0024	HYP
SFDH-003	61	62	7291	Half Core	Au-AA24	ME-MS61	3.78	65.9	11150	1020	631	829	BRX	SF-0024	HYP
SFDH-003	62	63	7292	Half Core	Au-AA24	ME-MS61	2.79	56.5	10700	1020	1360	650	BRX	SF-0024	HYP
SFDH-003	63	64	7293	Half Core	Au-AA24	ME-MS61	8.29	78.3	11750	1200	779	1050	BRX	SF-0024	HYP
SFDH-003	64	65	7294	Half Core	Au-AA24	ME-MS61	2.33	62.2	9500	329	1050	33	BRX	SF-0024	HYP
SFDH-003	65	66	7295	Half Core	Au-AA24	ME-MS61	4.38	83	9820	677	1150	90	BRX	SF-0024	HYP
SFDH-003	66	67	7296	Half Core	Au-AA24	ME-MS61	2.24	106	8850	620	887	456	BRX	SF-0024	HYP
SFDH-003	67	68	7297	QC - QuarterCore	Au-AA24	ME-MS61	2.28	191	12500	258	1340	51	BRX	SF-0024	HYP
SFDH-003	68	69	7299	Half Core	Au-AA24	ME-MS61	3.91	49.8	7650	417	786	27.1	BRX	SF-0024	HYP
SFDH-003	69	70	7300	Half Core	Au-AA24	ME-MS61	5.57	30.4	2470	602	561	49.4	BRX	SF-0024	HYP
SFDH-003	70	71	7301	Half Core	Au-AA24	ME-MS61	7.66	12.85	1450	886	529	12.05	BRX	SF-0024	HYP
SFDH-003	71	72	7302	Half Core	Au-AA24	ME-MS61	2.32	16.2	1280	1150	291	14.8	BRX	SF-0024	HYP
SFDH-003	72	73	7303	Half Core	Au-AA24	ME-MS61	3.48	379	2160	4180	462	783	BRX	SF-0024	HYP
SFDH-003	73	74	7304	Half Core	Au-AA24	ME-MS61	3.17	172	1610	2000	346	381	BRX	SF-0024	HYP
SFDH-003	74	75	7305	Half Core	Au-AA24	ME-MS61	2.67	26.1	2770	5560	227	31	BRX	SF-0024	HYP
SFDH-003	75	76	7306	Half Core	Au-AA24	ME-MS61	2.66	30.1	2810	2490	453	37	BRX	SF-0024	HYP
SFDH-003	76	77	7307	Half Core	Au-AA24	ME-MS61	1.07	13.25	579	1070	159	22.4	BRX	SF-0024	HYP
SFDH-003	77	78	7308	Half Core	Au-AA24	ME-MS61	1.19	52.4	437	2140	316	101	BRX	SF-0024	HYP
SFDH-003	78	79	7310	Half Core	Au-AA24	ME-MS61	1.24	100	885	8360	567	406	BRX	SF-0025	HYP
SFDH-003	79	80	7311	Half Core	Au-AA24	ME-MS61	1.355	8.56	2450	767	502	13.45	BRX	SF-0025	HYP
SFDH-003	80	81	7312	Half Core	Au-AA24	ME-MS61	1.02	33.2	3230	2370	298	29.4	BRX	SF-0025	HYP
SFDH-003	81	82	7313	Half Core	Au-AA24	ME-MS61	0.281	55.8	2310	5650	267	87.9	BRX	SF-0025	HYP
SFDH-003	82	83	7314	Half Core	Au-AA24	ME-MS61	1.18	11.75	2040	537	220	8.41	BRX	SF-0025	HYP
SFDH-003	83	84	7315	Half Core	Au-AA24	ME-MS61	2.54	80.7	8270	7210	774	72.1	BRX	SF-0025	HYP
SFDH-003	84	85	7317	Half Core	Au-AA24	ME-MS61	1.085	13.2	628	3220	317	18.25	BRX	SF-0025	HYP
SFDH-003	85	86	7318	Half Core	Au-AA24	ME-MS61	0.91	12.1	1775	3600	605	13.8	BRX	SF-0025	HYP
SFDH-003	86	87	7319	Half Core	Au-AA24	ME-MS61	1.985	61.5	6420	3060	695	32.2	BRX	SF-0025	HYP
SFDH-003	87	88	7320	Half Core	Au-AA24	ME-MS61	1.2	61.8	10000	1160	620	15	BRX	SF-0025	HYP
SFDH-003	88	89	7321	Half Core	Au-AA24	ME-MS61	0.181	19.05	469	2820	631	27.1	BRX	SF-0025	HYP
SFDH-003	89	90	7322	Half Core	Au-AA24	ME-MS61	0.973	12.7	1335	3850	5450	14.55	BRX	SF-0025	HYP
SFDH-003	90	91	7323	Half Core	Au-AA24	ME-MS61	0.755	100	8840	10000	8620	175.5	BRX	SF-0025	HYP
SFDH-003	91	92	7325	Half Core	Au-AA24	ME-MS61	1.62	99.3	3610	14050	8760	140.5	BRX	SF-0025	HYP
SFDH-003	92	93	7326	Half Core	Au-AA24	ME-MS61	2.4	65.7	3960	10000	10000	56	BRX	SF-0025	HYP
SFDH-003	93	94	7327	Half Core	Au-AA24	ME-MS61	1.025	46.6	3500	10000	10000	39.1	BRX	SF-0025	HYP
SFDH-003	94	95	7328	Half Core	Au-AA24	ME-MS61	0.858	100	10000	10000	10000	75.6	BRX	SF-0025	HYP
SFDH-003	95	96	7329	Half Core	Au-AA24	ME-MS61	0.05	3.36	189.5	3310	3650	2.15	BRX	SF-0025	HYP
SFDH-003	96	97	7330	Half Core	Au-AA24	ME-MS61	0.03	1.82	221	1130	10000	1.34	BRX	SF-0025	HYP
SFDH-003	97	98	7331	Half Core	Au-AA24	ME-MS61	0.013	0.84	80.5	455	825	0.92	BRX	SF-0025	HYP

SFDH-003	98	99	7332	Half Core	Au-AA24	ME-MS61	0.198	1.84	196.5	1010	3450	2.75	BRX	SF-0025	HYP
SFDH-003	99	100	7333	Half Core	Au-AA24	ME-MS61	0.142	11.05	486	784	2110	18.5	BRX	SF-0025	HYP
SFDH-003	100	101	7334	QC - QuarterCore	Au-AA24	ME-MS61	0.256	1.75	228	405	402	2.28	BRX	SF-0025	HYP
SFDH-003	101	102	7336	Half Core	Au-AA24	ME-MS61	0.806	9.95	261	1100	2530	15.2	BRX	SF-0025	HYP
SFDH-003	102	103	7337	Half Core	Au-AA24	ME-MS61	0.301	4.32	582	650	1200	6.3	BRX	SF-0025	HYP
SFDH-003	103	104	7338	Half Core	Au-AA24	ME-MS61	0.114	9.66	1695	1120	1240	3.11	BRX	SF-0025	HYP
SFDH-003	104	105	7339	Half Core	Au-AA24	ME-MS61	0.116	33.3	3320	4390	3790	53.8	BRX	SF-0025	HYP
SFDH-003	105	106	7340	Half Core	Au-AA24	ME-MS61	0.416	9.78	500	2620	568	12.45	BRX	SF-0025	HYP
SFDH-003	106	107	7341	Half Core	Au-AA24	ME-MS61	0.034	0.54	114.5	84.6	118	0.3	BRX	SF-0025	HYP
SFDH-003	107	108	7342	Half Core	Au-AA24	ME-MS61	0.162	1.62	35	37.9	34	0.67	BRX	SF-0025	HYP
SFDH-003	108	109	7343	Half Core	Au-AA24	ME-MS61	0.035	0.81	131	265	86	1.1	BRX	SF-0025	HYP
SFDH-003	109	110	7345	Half Core	Au-AA24	ME-MS61	0.178	0.7	42.5	13.7	31	2.58	BRX	SF-0025	HYP
SFDH-003	110	111	7346	Half Core	Au-AA24	ME-MS61	0.049	0.15	17.2	4.7	24	0.22	BRX	SF-0025	HYP
SFDH-003	111	112	7347	Half Core	Au-AA24	ME-MS61	0.047	1.22	122	174	259	1.9	BRX	SF-0025	HYP
SFDH-003	112	113	7348	Half Core	Au-AA24	ME-MS61	0.161	0.71	27.4	63.9	75	0.58	BRX	SF-0025	HYP
SFDH-003	113	114	7349	Half Core	Au-AA24	ME-MS61	0.059	0.51	60.6	96.6	139	1	BRX	SF-0025	HYP
SFDH-003	114	115	7350	Half Core	Au-AA24	ME-MS61	0.328	1.45	72.4	300	303	1.76	BRX	SF-0025	HYP
SFDH-003	115	116	7351	Half Core	Au-AA24	ME-MS61	0.466	8.38	500	1090	1940	4.34	BRX	SF-0025	HYP
SFDH-003	116	117	7352	Half Core	Au-AA24	ME-MS61	0.29	1.65	27.6	479	261	1.54	BRX	SF-0025	HYP
SFDH-003	117	118.5	7353	Half Core	Au-AA24	ME-MS61	0.673	1.32	18.8	318	549	1.82	BRX	SF-0025	HYP
SFDH-003	118.5	119	7354	Half Core	Au-AA24	ME-MS61	0.599	1.28	29.7	408	539	1.93	SED	SF-0025	HYP
SFDH-003	119	120	7355	QC - QuarterCore	Au-AA24	ME-MS61	0.087	1.24	80	392	625	1.09	SED	SF-0025	HYP
SFDH-003	120	121	7357	Half Core	Au-AA24	ME-MS61	1.26	4.96	180	1570	692	4.02	SED	SF-0025	HYP
SFDH-003	121	122	7358	Half Core	Au-AA24	ME-MS61	1.295	17.95	350	10000	644	9.12	BRX	SF-0025	HYP
SFDH-003	122	123	7359	Half Core	Au-AA24	ME-MS61	1.2	50.2	421	10000	3620	15	BRX	SF-0025	HYP
SFDH-003	123	124	7360	Half Core	Au-AA24	ME-MS61	0.256	7.9	521	2760	637	4.38	BRX	SF-0025	HYP
SFDH-003	124	125	7361	Half Core	Au-AA24	ME-MS61	0.038	27.9	599	18300	3620	33.3	BRX	SF-0025	HYP
SFDH-003	125	126	7362	Half Core	Au-AA24	ME-MS61	0.073	40.2	968	25700	520	53.7	BRX	SF-0025	HYP
SFDH-003	126	127	7363	Half Core	Au-AA24	ME-MS61	0.046	9.23	448	5660	379	12.05	BRX	SF-0025	HYP
SFDH-003	127	128	7364	Half Core	Au-AA24	ME-MS61	0.108	6.01	970	1710	165	3.76	BRX	SF-0025	HYP
SFDH-003	128	129	7366	Half Core	Au-AA24	ME-MS61	0.617	30.7	2380	15350	10500	42.1	BRX	SF-0025	HYP
SFDH-003	129	130	7367	Half Core	Au-AA24	ME-MS61	0.052	30.5	1010	38300	186	30.9	BRX	SF-0025	HYP
SFDH-003	130	131	7368	Half Core	Au-AA24	ME-MS61	0.377	10.75	626	3540	3590	21.5	BRX	SF-0025	HYP
SFDH-003	131	132	7369	Half Core	Au-AA24	ME-MS61	0.312	13.15	1795	9160	14550	25.8	BRX	SF-0025	HYP
SFDH-003	132	133	7370	Half Core	Au-AA24	ME-MS61	0.085	47.2	5080	17750	7850	90.1	BRX	SF-0025	HYP
SFDH-003	133	134	7371	Half Core	Au-AA24	ME-MS61	0.246	50.5	5340	11150	22700	93.7	BRX	SF-0025	HYP
SFDH-003	134	135	7372	Half Core	Au-AA24	ME-MS61	0.035	42	8610	19700	30700	51.2	BRX	SF-0025	HYP
SFDH-003	135	136	7373	Half Core	Au-AA24	ME-MS61	0.283	145	2100	10900	27000	893	BRX	SF-0025	HYP
SFDH-003	136	137	7374	Half Core	Au-AA24	ME-MS61	0.042	22.3	5590	11050	20800	43	BRX	SF-0025	HYP
SFDH-003	137	138	7375	Half Core	Au-AA24	ME-MS61	0.041	22.6	5480	4110	42700	27.2		SF-0025	
SFDH-003	138	139	7377	Half Core	Au-AA24	ME-MS61	0.494	430	4110	19550	31700	2130	BRX	SF-0025	HYP
SFDH-003	139	140	7378	Half Core	Au-AA24	ME-MS61	0.079	41.5	9410	11750	36200	55.1	BRX	SF-0025	HYP
SFDH-003	140	141	7379	Half Core	Au-AA24	ME-MS61	0.042	10.55	5040	2950	15050	14.55	BRX	SF-0025	HYP

SFDH-003	141	142	7380	Half Core	Au-AA24	ME-MS61	0.292	242	6260	20600	10550	2700	BRX	SF-0025	HYP
SFDH-003	142	143	7381	Half Core	Au-AA24	ME-MS61	0.252	64.4	3720	5700	12600	248	BRX	SF-0025	HYP
SFDH-003	143	144	7382	Half Core	Au-AA24	ME-MS61	0.212	49.7	7520	2790	19400	211	BRX	SF-0025	HYP
SFDH-003	144	145	7383	Half Core	Au-AA24	ME-MS61	0.281	93.2	12700	9970	21500	296	BRX	SF-0025	HYP
SFDH-003	145	146	7384	Half Core	Au-AA24	ME-MS61	0.477	167	8490	14550	4970	1885	BRX	SF-0025	HYP
SFDH-003	146	147	7385	Half Core	Au-AA24	ME-MS61	0.911	598	7330	29600	15050	9970	BRX	SF-0025	HYP
SFDH-003	147	148	7387	Half Core	Au-AA24	ME-MS61	1.19	122	10450	5980	14400	1385	BRX	SF-0025	HYP
SFDH-003	148	149	7388	Half Core	Au-AA24	ME-MS61	2.02	320	9140	8480	3790	4480	BRX	SF-0025	HYP
SFDH-003	149	149.6	7389	Half Core	Au-AA24	ME-MS61	0.284	189	5140	17900	1100	1235	BRX	SF-0025	HYP
SFDH-003	149.6	151	7390	Half Core	Au-AA24	ME-MS61	0.151	6.71	551	705	783	17.25	SED	SF-0025	UNK
SFDH-003	151	153	7391	Half Core	Au-AA24	ME-MS61	0.213	9.29	681	707	279	48.9	SED	SF-0025	UNK
SFDH-003	153	155	7392	Half Core	Au-AA24	ME-MS61	0.0025	0.61	60.2	48.7	56	2.07	SED	SF-0025	UNK
SFDH-003	155	156	7393	Half Core	Au-AA24	ME-MS61	0.011	0.91	272	47.6	55	7.43	SED	SF-0025	UNK
SFDH-004	0	1	7395	Half Core	Au-AA24	ME-MS61	0.903	22.6	110.5	1240	153	219	BRX	SF-0026	OXI
SFDH-004	1	2	7396	Half Core	Au-AA24	ME-MS61	0.245	6.65	137.5	1190	48	14.2	BRX	SF-0026	OXI
SFDH-004	2	3	7397	Half Core	Au-AA24	ME-MS61	1.125	6.11	326	378	59	24.2	BRX	SF-0026	OXI
SFDH-004	3	4	7398	Half Core	Au-AA24	ME-MS61	0.098	2.74	250	81.2	57	8.59	BRX	SF-0026	OXI
SFDH-004	4	5	7399	Half Core	Au-AA24	ME-MS61	0.704	4.06	267	254	101	9.62	BRX	SF-0026	OXI
SFDH-004	5	6	7400	Half Core	Au-AA24	ME-MS61	1.065	4.14	242	505	64	33.4	BRX	SF-0026	OXI
SFDH-004	6	7	7401	Half Core	Au-AA24	ME-MS61	0.982	3.03	173	386	87	21.3	BRX	SF-0026	OXI
SFDH-004	7	8	7402	Half Core	Au-AA24	ME-MS61	0.471	2.7	116	264	91	14.6	BRX	SF-0026	OXI
SFDH-004	8	9	7403	Half Core	Au-AA24	ME-MS61	0.544	2.65	82.3	294	115	12.5	BRX	SF-0026	OXI
SFDH-004	9	10	7404	Half Core	Au-AA24	ME-MS61	0.343	2.21	82.8	144.5	81	6.46	BRX	SF-0026	OXI
SFDH-004	10	11	7406	Half Core	Au-AA24	ME-MS61	1.965	7.82	330	1660	103	37.5	BRX	SF-0026	OXI
SFDH-004	11	12	7407	Half Core	Au-AA24	ME-MS61	1.265	7.66	92.1	1020	61	24.9	BRX	SF-0026	OXI
SFDH-004	12	13	7408	Half Core	Au-AA24	ME-MS61	0.753	4.81	103	736	837	19.05	BRX	SF-0026	OXI
SFDH-004	13	14	7409	Half Core	Au-AA24	ME-MS61	1.035	7.45	125	453	324	27.7	BRX	SF-0026	OXI
SFDH-004	14	15.6	7410	Half Core	Au-AA24	ME-MS61	0.581	3.55	117.5	507	587	27.3	BRX	SF-0026	OXI
SFDH-004	15.6	16.5	7411	Half Core	Au-AA24	ME-MS61	1.3	6.83	134.5	581	303	29.8	BRX	SF-0026	OXI
SFDH-004	16.5	17	7412	Half Core	Au-AA24	ME-MS61	0.508	3.25	98.5	326	351	14.4	BRX	SF-0026	OXI
SFDH-004	17	18	7413	Half Core	Au-AA24	ME-MS61	1.26	5.31	112.5	633	334	115	BRX	SF-0026	OXI
SFDH-004	18	19	7414	Half Core	Au-AA24	ME-MS61	0.38	2.99	85.4	255	201	8.62	BRX	SF-0026	OXI
SFDH-004	19	20	7416	Half Core	Au-AA24	ME-MS61	0.122	0.92	82.1	142	266	4.14	BRX	SF-0026	OXI
SFDH-004	20	21	7417	Half Core	Au-AA24	ME-MS61	0.231	1.27	106.5	126.5	467	6.22	BRX	SF-0026	OXI
SFDH-004	21	22	7418	Half Core	Au-AA24	ME-MS61	0.163	1.98	101.5	194	437	5.97	BRX	SF-0026	OXI
SFDH-004	22	23	7419	Half Core	Au-AA24	ME-MS61	0.169	1.54	89	253	517	8.26	BRX	SF-0026	OXI
SFDH-004	23	24	7420	Half Core	Au-AA24	ME-MS61	0.169	1.34	101	131	636	5.99	BRX	SF-0026	OXI
SFDH-004	24	25	7421	Half Core	Au-AA24	ME-MS61	0.084	1.06	122.5	58.6	486	17.95	BRX	SF-0026	OXI
SFDH-004	25	26	7422	Half Core	Au-AA24	ME-MS61	0.074	1.61	76	415	205	13.6	BRX	SF-0026	OXI
SFDH-004	26	27	7423	Half Core	Au-AA24	ME-MS61	0.052	3.12	67.8	1130	89	43.9	BRX	SF-0026	OXI
SFDH-004	27	28	7424	Half Core	Au-AA24	ME-MS61	0.102	5.09	193	289	126	44	BRX	SF-0026	OXI
SFDH-004	28	29	7425	QC - QuarterCore	Au-AA24	ME-MS61	0.619	18	303	333	26	348	BRX	SF-0026	OXI
SFDH-004	29	30	7427	Half Core	Au-AA24	ME-MS61	0.762	8.18	1020	766	93	21	BRX	SF-0026	OXI

SFDH-004	30	31	7428	Half Core	Au-AA24	ME-MS61	0.488	6.78	498	272	39	50.1	BRX	SF-0026	OXI
SFDH-004	31	32	7429	Half Core	Au-AA24	ME-MS61	2.57	8.56	3490	438	35	110.5	BRX	SF-0026	MIX
SFDH-004	32	33	7430	Half Core	Au-AA24	ME-MS61	0.681	5.26	2470	362	17	30.9	BRX	SF-0026	MIX
SFDH-004	33	34	7431	Half Core	Au-AA24	ME-MS61	3.33	12.7	7030	1300	59	28.7	BRX	SF-0026	MIX
SFDH-004	34	35	7432	Half Core	Au-AA24	ME-MS61	0.746	9.02	1590	1140	35	17.85	BRX	SF-0026	MIX
SFDH-004	35	36	7433	Half Core	Au-AA24	ME-MS61	4.71	35.5	12600	984	152	392	BRX	SF-0026	MIX
SFDH-004	36	37	7434	Half Core	Au-AA24	ME-MS61	2.96	11.1	7600	2220	474	10.15	BRX	SF-0026	MIX
SFDH-004	37	38	7436	Half Core	Au-AA24	ME-MS61	0.973	10.5	4290	954	48	40.6	BRX	SF-0026	MIX
SFDH-004	38	39	7437	Half Core	Au-AA24	ME-MS61	0.946	9.9	1000	3260	90	32.1	BRX	SF-0026	MIX
SFDH-004	39	40	7438	Half Core	Au-AA24	ME-MS61	0.268	2.13	1700	259	44	4.4	BRX	SF-0026	MIX
SFDH-004	40	41	7439	Half Core	Au-AA24	ME-MS61	0.201	2.93	944	636	40	4.3	BRX	SF-0026	MIX
SFDH-004	41	42	7440	Half Core	Au-AA24	ME-MS61	0.222	4.2	403	459	47	10.45	BRX	SF-0026	MIX
SFDH-004	42	43	7441	Half Core	Au-AA24	ME-MS61	2.11	25.6	14950	1160	168	144	BRX	SF-0026	MIX
SFDH-004	43	44	7442	Half Core	Au-AA24	ME-MS61	0.278	5.05	856	2150	69	8.31	BRX	SF-0026	MIX
SFDH-004	44	45	7443	Half Core	Au-AA24	ME-MS61	0.158	2.09	128	357	43	3.9	BRX	SF-0026	MIX
SFDH-004	45	46	7444	Half Core	Au-AA24	ME-MS61	0.27	3.34	815	889	62	7.97	BRX	SF-0026	MIX
SFDH-004	46	47	7446	Half Core	Au-AA24	ME-MS61	0.118	1.43	93.7	195.5	39	3.39	BRX	SF-0026	MIX
SFDH-004	47	48	7447	Half Core	Au-AA24	ME-MS61	0.227	5.72	1105	603	71	3.76	BRX	SF-0026	MIX
SFDH-004	48	49	7448	Half Core	Au-AA24	ME-MS61	0.097	0.73	367	163	50	4.77	BRX	SF-0026	MIX
SFDH-004	49	50	7449	Half Core	Au-AA24	ME-MS61	0.483	0.85	464	246	149	3.22	BRX	SF-0026	MIX
SFDH-004	50	51	7450	Half Core	Au-AA24	ME-MS61	0.156	1.51	231	957	844	3.82	BRX	SF-0026	MIX
SFDH-004	51	52	7451	Half Core	Au-AA24	ME-MS61	0.128	1.59	1210	239	1240	5.29	BRX	SF-0026	MIX
SFDH-004	52	53	7452	Half Core	Au-AA24	ME-MS61	0.086	0.78	2910	95.2	427	3.4	BRX	SF-0026	MIX
SFDH-004	53	54	7453	Half Core	Au-AA24	ME-MS61	0.091	3.51	170.5	376	3630	12.8	BRX	SF-0026	MIX
SFDH-004	54	55	7454	Half Core	Au-AA24	ME-MS61	0.623	13.1	9670	550	2090	8.59	BRX	SF-0026	MIX
SFDH-004	55	56	7455	QC - QuarterCore	Au-AA24	ME-MS61	1.195	45.5	3400	392	717	124.5	BRX	SF-0026	MIX
SFDH-004	56	57	7457	Half Core	Au-AA24	ME-MS61	0.215	2.26	155.5	355	809	8.88	BRX	SF-0026	MIX
SFDH-004	57	58	7458	Half Core	Au-AA24	ME-MS61	0.095	6.98	296	358	1720	48.8	BRX	SF-0026	HYP
SFDH-004	58	59	7459	Half Core	Au-AA24	ME-MS61	0.277	51.7	9110	1195	3200	207	BRX	SF-0026	HYP
SFDH-004	59	60	7460	Half Core	Au-AA24	ME-MS61	2.22	77.3	19050	2310	836	203	BRX	SF-0026	HYP
SFDH-004	60	61	7461	Half Core	Au-AA24	ME-MS61	2.36	33.7	11550	102	613	17.25	BRX	SF-0026	HYP
SFDH-004	61	62	7462	Half Core	Au-AA24	ME-MS61	2.29	163	2390	1560	712	437	BRX	SF-0026	HYP
SFDH-004	62	63	7464	Half Core	Au-AA24	ME-MS61	2.62	82.3	2660	1055	325	173	BRX	SF-0026	HYP
SFDH-004	63	64	7465	Half Core	Au-AA24	ME-MS61	2.14	113	2850	5760	523	238	BRX	SF-0026	HYP
SFDH-004	64	65	7466	Half Core	Au-AA24	ME-MS61	1.855	38.1	2730	3340	7820	44.4	BRX	SF-0026	HYP
SFDH-004	65	66	7467	Half Core	Au-AA24	ME-MS61	1.22	66.3	2810	12000	1590	33.5	BRX	SF-0026	HYP
SFDH-004	66	67	7468	Half Core	Au-AA24	ME-MS61	0.386	35.8	2120	13950	20800	9.31	BRX	SF-0026	HYP
SFDH-004	67	68	7469	Half Core	Au-AA24	ME-MS61	0.393	65.7	3920	31400	13300	56.4	BRX	SF-0026	HYP
SFDH-004	68	69	7470	Half Core	Au-AA24	ME-MS61	0.778	54.6	3540	5220	14250	10.6	BRX	SF-0026	HYP
SFDH-004	69	70	7471	Half Core	Au-AA24	ME-MS61	0.087	9.97	940	2170	5490	4.2	BRX	SF-0026	HYP
SFDH-004	70	71	7473	Half Core	Au-AA24	ME-MS61	0.135	25.4	1410	4160	3520	4.35	BRX	SF-0027	HYP
SFDH-004	71	72	7474	Half Core	Au-AA24	ME-MS61	0.034	1.51	260	214	350	1.08	BRX	SF-0027	HYP
SFDH-004	72	73	7475	Half Core	Au-AA24	ME-MS61	0.278	7.69	854	3700	647	9.75	BRX	SF-0027	HYP

SFDH-004	73	74	7476	Half Core	Au-AA24	ME-MS61	0.125	1.95	312	794	756	2	BRX	SF-0027	HYP
SFDH-004	74	75	7477	Half Core	Au-AA24	ME-MS61	0.293	2.23	396	486	1560	2.5	BRX	SF-0027	HYP
SFDH-004	75	76	7478	Half Core	Au-AA24	ME-MS61	0.508	25.1	3030	8780	37800	32	BRX	SF-0027	HYP
SFDH-004	76	77	7479	Half Core	Au-AA24	ME-MS61	0.443	18	2410	7330	26000	17.95	BRX	SF-0027	HYP
SFDH-004	77	78	7480	Half Core	Au-AA24	ME-MS61	0.626	33.6	2830	8070	17300	48.3	BRX	SF-0027	HYP
SFDH-004	78	79	7481	Half Core	Au-AA24	ME-MS61	0.21	14.8	964	3960	20700	20.7	BRX	SF-0027	HYP
SFDH-004	79	80	7483	Half Core	Au-AA24	ME-MS61	0.502	49.1	3410	5260	21700	25.4	BRX	SF-0027	HYP
SFDH-004	80	81	7484	Half Core	Au-AA24	ME-MS61	0.541	62.6	2710	18000	14250	85	BRX	SF-0027	HYP
SFDH-004	81	82	7485	Half Core	Au-AA24	ME-MS61	0.442	85.1	2140	36400	14900	108	BRX	SF-0027	HYP
SFDH-004	82	83	7486	Half Core	Au-AA24	ME-MS61	0.708	54.4	1970	15750	29600	44.9	BRX	SF-0027	HYP
SFDH-004	83	84	7487	Half Core	Au-AA24	ME-MS61	2.06	83.9	6180	18150	15050	38.3	BRX	SF-0027	HYP
SFDH-004	84	85	7488	Half Core	Au-AA24	ME-MS61	0.66	133	4030	36000	31500	153	BRX	SF-0027	HYP
SFDH-004	85	86	7489	Half Core	Au-AA24	ME-MS61	0.79	109	6070	39500	22700	48.8	BRX	SF-0027	HYP
SFDH-004	86	87	7490	Half Core	Au-AA24	ME-MS61	0.966	328	5610	48000	27200	479	BRX	SF-0027	HYP
SFDH-004	87	88	7491	Half Core	Au-AA24	ME-MS61	0.937	137	5040	30600	45800	104	BRX	SF-0027	HYP
SFDH-004	88	89	7492	Half Core	Au-AA24	ME-MS61	0.41	138	2610	66300	21800	78.8	BRX	SF-0027	HYP
SFDH-004	89	90	7493	QC - QuarterCore	Au-AA24	ME-MS61	1.19	71.9	1330	28200	11550	52.4	BRX	SF-0027	HYP
SFDH-004	90	91	7495	Half Core	Au-AA24	ME-MS61	2.27	69.5	3250	10650	4650	27.9	BRX	SF-0027	HYP
SFDH-004	91	92	7496	Half Core	Au-AA24	ME-MS61	0.454	71	1380	16100	8990	81.1	BRX	SF-0027	HYP
SFDH-004	92	93	7497	Half Core	Au-AA24	ME-MS61	0.855	205	2710	25200	31300	303	BRX	SF-0027	HYP
SFDH-004	93	94	7498	Half Core	Au-AA24	ME-MS61	1.01	116	7180	14950	14950	106.5	BRX	SF-0027	HYP
SFDH-004	94	95	7499	Half Core	Au-AA24	ME-MS61	1.67	109	9560	11650	11650	28.2	BRX	SF-0027	HYP
SFDH-004	95	96	7500	Half Core	Au-AA24	ME-MS61	1.87	52.2	6890	3890	10100	27.6	BRX	SF-0027	HYP
SFDH-004	96	97	7501	Half Core	Au-AA24	ME-MS61	2.04	96.3	7500	8870	2990	131.5	BRX	SF-0027	HYP
SFDH-004	97	98	7502	Half Core	Au-AA24	ME-MS61	0.844	92	3530	12250	6230	146	BRX	SF-0027	HYP
SFDH-004	98	99	7504	Half Core	Au-AA24	ME-MS61	0.854	37.4	2670	9320	357	63.1	BRX	SF-0027	HYP
SFDH-004	99	100	7505	Half Core	Au-AA24	ME-MS61	1.055	13.8	1950	2530	560	18.35	BRX	SF-0027	HYP
SFDH-004	100	101	7506	Half Core	Au-AA24	ME-MS61	0.652	6.25	312	525	200	7.87	BRX	SF-0027	HYP
SFDH-004	101	102	7507	Half Core	Au-AA24	ME-MS61	0.644	5.84	240	756	259	11.4	BRX	SF-0027	HYP
SFDH-004	102	103	7508	Half Core	Au-AA24	ME-MS61	1.08	9.14	1860	1750	611	13.3	BRX	SF-0027	HYP
SFDH-004	103	104	7509	Half Core	Au-AA24	ME-MS61	2.31	22.7	4260	2210	1110	30.7	BRX	SF-0027	HYP
SFDH-004	104	105	7510	Half Core	Au-AA24	ME-MS61	4.07	76.1	6910	1000	534	33.1	BRX	SF-0027	HYP
SFDH-004	105	106	7511	Half Core	Au-AA24	ME-MS61	2.32	56.4	6430	2630	659	84.8	BRX	SF-0027	HYP
SFDH-004	106	107	7512	Half Core	Au-AA24	ME-MS61	2.27	41.2	3700	1300	716	142.5	BRX	SF-0027	HYP
SFDH-004	107	108	7514	Half Core	Au-AA24	ME-MS61	3.55	27.3	6870	772	927	31.8	BRX	SF-0027	HYP
SFDH-004	108	109	7515	Half Core	Au-AA24	ME-MS61	4.95	26.4	10400	529	1660	37.2	BRX	SF-0027	HYP
SFDH-004	109	110	7516	Half Core	Au-AA24	ME-MS61	1.285	31.9	4800	1050	1250	72.7	BRX	SF-0027	HYP
SFDH-004	110	111	7517	Half Core	Au-AA24	ME-MS61	2.06	172	2570	2450	1030	2880	BRX	SF-0027	HYP
SFDH-004	111	112	7518	Half Core	Au-AA24	ME-MS61	1.96	56.5	7720	551	849	185.5	BRX	SF-0027	HYP
SFDH-004	112	113	7519	Half Core	Au-AA24	ME-MS61	1.045	25.6	4540	437	800	64.8	BRX	SF-0027	HYP
SFDH-004	113	114	7520	Half Core	Au-AA24	ME-MS61	0.567	50.2	4530	723	909	341	BRX	SF-0027	HYP
SFDH-004	114	115	7521	Half Core	Au-AA24	ME-MS61	2.28	116	5550	1960	792	1015	BRX	SF-0027	HYP
SFDH-004	115	116	7522	Half Core	Au-AA24	ME-MS61	1.255	77	5000	1280	686	933	BRX	SF-0027	HYP

SFDH-004	116	117	7524	Half Core	Au-AA24	ME-MS61	2.03	70.4	8210	857	492	440	BRX	SF-0027	HYP
SFDH-004	117	118	7525	Half Core	Au-AA24	ME-MS61	1.92	69.4	3000	1010	350	738	BRX	SF-0027	HYP
SFDH-004	118	119	7526	Half Core	Au-AA24	ME-MS61	1.295	60.6	7350	933	730	252	BRX	SF-0027	HYP
SFDH-004	119	120	7527	Half Core	Au-AA24	ME-MS61	0.803	54.8	5050	964	1150	421	BRX	SF-0027	HYP
SFDH-004	120	121	7528	Half Core	Au-AA24	ME-MS61	0.953	10.65	243	622	252	57.7	BRX	SF-0027	HYP
SFDH-004	121	122	7529	Half Core	Au-AA24	ME-MS61	0.645	9.95	813	488	756	80.2	BRX	SF-0027	HYP
SFDH-004	122	123	7530	Half Core	Au-AA24	ME-MS61	0.578	113	12100	1410	1420	1005	BRX	SF-0027	HYP
SFDH-004	123	124	7531	Half Core	Au-AA24	ME-MS61	1.035	138	9590	2780	1510	3760	BRX	SF-0027	HYP
SFDH-004	124	125	7532	Half Core	Au-AA24	ME-MS61	1.06	129	16100	2410	1540	3010	BRX	SF-0027	HYP
SFDH-004	125	126.65	7533	Half Core	Au-AA24	ME-MS61	0.712	300	23500	4270	2450	6820	BRX	SF-0027	HYP
SFDH-004	126.65	127.5	7535	Half Core	Au-AA24	ME-MS61	0.088	2.48	200	609	655	10.45	SED	SF-0027	
SFDH-004	127.5	129	7536	Half Core	Au-AA24	ME-MS61	0.045	17.45	561	616	217	178	SED	SF-0027	
SFDH-004	129	131	7537	Half Core	Au-AA24	ME-MS61	0.052	4.77	412	477	378	14.5	SED	SF-0027	
SFDH-004	131	133	7538	Half Core	Au-AA24	ME-MS61	0.027	5.33	297	333	591	15	SED	SF-0027	
SFDH-004	133	136	7539	Half Core	Au-AA24	ME-MS61	0.025	1.58	206	74.5	103	3.81	SED	SF-0027	
SFDH-004	136	138	7541	Half Core	Au-AA24	ME-MS61	0.035	3.65	317	152	265	16.1	SED	SF-0027	
SFDH-004	138	140	7542	Half Core	Au-AA24	ME-MS61	0.014	0.54	116.5	12.7	72	1.51	SED	SF-0027	
SFDH-004	140	142	7543	Half Core	Au-AA24	ME-MS61	0.005	0.24	52.3	8.6	116	0.44	SED	SF-0027	
SFDH-004	142	143.4	7544	Half Core	Au-AA24	ME-MS61	0.005	0.15	53.5	4.4	60	0.49	SED	SF-0027	
SFDH-005	0	1	7546	Half Core	Au-AA24	ME-MS61	2.16	30.6	94.8	1170	11	1050	BRX	SF-0028	OXI
SFDH-005	1	2	7547	Half Core	Au-AA24	ME-MS61	1.93	31.8	104	913	8	2510	BRX	SF-0028	OXI
SFDH-005	2	3	7548	Half Core	Au-AA24	ME-MS61	5.42	32.7	250	889	18	717	BRX	SF-0028	OXI
SFDH-005	3	4	7549	Half Core	Au-AA24	ME-MS61	3.76	23.1	380	543	36	114.5	BRX	SF-0028	OXI
SFDH-005	4	5	7550	Half Core	Au-AA24	ME-MS61	5.69	20	588	1480	74	114.5	BRX	SF-0028	OXI
SFDH-005	5	6	7551	Half Core	Au-AA24	ME-MS61	3.73	22.6	475	457	32	75.9	BRX	SF-0028	OXI
SFDH-005	6	7	7552	Half Core	Au-AA24	ME-MS61	1.98	11.2	685	309	28	33.2	BRX	SF-0028	OXI
SFDH-005	7	8	7553	Half Core	Au-AA24	ME-MS61	1.57	11.95	420	479	22	27	BRX	SF-0028	OXI
SFDH-005	8	9	7555	Half Core	Au-AA24	ME-MS61	1.54	4.2	10000	62.1	111	2.48	BRX	SF-0028	OXI
SFDH-005	9	10	7556	Half Core	Au-AA24	ME-MS61	7.42	15	1030	1850	2	98.5	BRX	SF-0028	OXI
SFDH-005	10	11	7557	Half Core	Au-AA24	ME-MS61	5.41	20.9	1950	2720	11	85.7	BRX	SF-0028	OXI
SFDH-005	11	12	7558	Half Core	Au-AA24	ME-MS61	2.96	9.49	3280	471	20	132.5	BRX	SF-0028	OXI
SFDH-005	12	13	7559	Half Core	Au-AA24	ME-MS61	1.35	3.63	1790	186	61	54.1	BRX	SF-0028	OXI
SFDH-005	13	14	7560	Half Core	Au-AA24	ME-MS61	2.45	4.14	652	303	106	37.9	BRX	SF-0028	OXI
SFDH-005	14	15	7561	Half Core	Au-AA24	ME-MS61	2.16	4.44	418	221	79	37.4	BRX	SF-0028	OXI
SFDH-005	15	16	7562	Half Core	Au-AA24	ME-MS61	2.62	5.52	873	263	58	30.3	BRX	SF-0028	OXI
SFDH-005	16	17	7563	Half Core	Au-AA24	ME-MS61	0.746	2.55	136.5	125	103	19.25	BRX	SF-0028	OXI
SFDH-005	17	18	7565	Half Core	Au-AA24	ME-MS61	1.02						BRX	SF-0028	OXI
SFDH-005	18	19	7566	Half Core	Au-AA24	ME-MS61	0.734	2.17	73.3	88.2	43	26.6	BRX	SF-0028	OXI
SFDH-005	19	20	7567	Half Core	Au-AA24	ME-MS61	0.388	2.48	96.7	116	384	26.6	BRX	SF-0028	OXI
SFDH-005	20	21	7568	Half Core	Au-AA24	ME-MS61	1.195	5.36	211	343	531	108	BRX	SF-0028	OXI
SFDH-005	21	22	7569	Half Core	Au-AA24	ME-MS61	2.42	5.53	258	528	878	57.5	BRX	SF-0028	OXI
SFDH-005	22	23	7570	Half Core	Au-AA24	ME-MS61	1.21	5.57	151.5	261	81	31.2	BRX	SF-0028	OXI
SFDH-005	23	24	7571	Half Core	Au-AA24	ME-MS61	1.045	32.2	64	982	32	1300	BRX	SF-0028	OXI

SFDH-005	24	25	7572	Half Core	Au-AA24	ME-MS61	0.577	13.25	110.5	662	178	189	BRX	SF-0028	OXI
SFDH-005	25	26	7573	Half Core	Au-AA24	ME-MS61	0.174	6.29	81.9	648	213	88.3	BRX	SF-0028	OXI
SFDH-005	26	27	7574	QC - QuarterCore	Au-AA24	ME-MS61	0.189	3.31	91.6	238	57	8.28	BRX	SF-0028	OXI
SFDH-005	27	28	7576	Half Core	Au-AA24	ME-MS61	0.271	2.29	123	63.2	150	8.58	BRX	SF-0028	OXI
SFDH-005	28	29	7577	Half Core	Au-AA24	ME-MS61	0.099	3.53	38.5	144	53	19.9	BRX	SF-0028	OXI
SFDH-005	29	30	7578	Half Core	Au-AA24	ME-MS61	0.092	1.31	62	31.1	95	5.3	BRX	SF-0028	OXI
SFDH-005	30	31	7579	Half Core	Au-AA24	ME-MS61	0.32	2.88	223	96.3	91	26.6	BRX	SF-0028	OXI
SFDH-005	31	32	7580	Half Core	Au-AA24	ME-MS61	0.398	5.83	1270	1625	61	39.4	BRX	SF-0028	OXI
SFDH-005	32	33	7581	Half Core	Au-AA24	ME-MS61	0.284	6.33	552	613	156	25.4	BRX	SF-0028	MIX
SFDH-005	33	34	7582	Half Core	Au-AA24	ME-MS61	0.922	38.3	6330	1055	71	838	BRX	SF-0028	MIX
SFDH-005	34	35	7583	Half Core	Au-AA24	ME-MS61	2.41	37.9	9990	230	269	73.5	BRX	SF-0028	MIX
SFDH-005	35	36	7585	Half Core	Au-AA24	ME-MS61	6.04	54.9	8300	718	281	104	BRX	SF-0028	MIX
SFDH-005	36	37	7586	Half Core	Au-AA24	ME-MS61	3.94	64.1	10950	1025	353	88.8	BRX	SF-0028	MIX
SFDH-005	37	38	7587	Half Core	Au-AA24	ME-MS61	8.35	176	3260	3920	189	713	BRX	SF-0028	MIX
SFDH-005	38	39	7588	Half Core	Au-AA24	ME-MS61	9.36	292	19900	8320	587	497	BRX	SF-0028	MIX
SFDH-005	39	40	7589	Half Core	Au-AA24	ME-MS61	9.02	225	12550	10200	2290	413	BRX	SF-0028	MIX
SFDH-005	40	41	7590	Half Core	Au-AA24	ME-MS61	8.44	301	5440	21000	2730	555	BRX	SF-0028	MIX
SFDH-005	41	42	7591	Half Core	Au-AA24	ME-MS61	7.07	177	11300	25400	11350	307	BRX	SF-0028	MIX
SFDH-005	42	43	7592	Half Core	Au-AA24	ME-MS61	5.45	370	12250	36000	37400	593	BRX	SF-0028	MIX
SFDH-005	43	44	7593	Half Core	Au-AA24	ME-MS61	3.72	231	6940	81400	3650	209	BRX	SF-0028	MIX
SFDH-005	44	45	7595	Half Core	Au-AA24	ME-MS61	1.6	92.5	11050	5650	1060	121.5	BRX	SF-0028	MIX
SFDH-005	45	46	7596	Half Core	Au-AA24	ME-MS61	5.64	69.3	10100	3760	666	135	BRX	SF-0028	HYP
SFDH-005	46	47	7597	Half Core	Au-AA24	ME-MS61	5.83	25	2400	3270	515	42.4	BRX	SF-0028	HYP
SFDH-005	47	48	7598	Half Core	Au-AA24	ME-MS61	2.73	5.85	1195	1425	385	11.05	BRX	SF-0028	HYP
SFDH-005	48	49	7599	Half Core	Au-AA24	ME-MS61	2.41						BRX	SF-0028	HYP
SFDH-005	49	50	7600	Half Core	Au-AA24	ME-MS61	3.45	55.2	7440	1410	921	155.5	BRX	SF-0028	HYP
SFDH-005	50	51	7601	Half Core	Au-AA24	ME-MS61	6.06	116	10200	3450	1860	210	BRX	SF-0028	HYP
SFDH-005	51	52	7602	Half Core	Au-AA24	ME-MS61	4.49	205	9510	3670	571	965	BRX	SF-0028	HYP
SFDH-005	52	53	7603	Half Core	Au-AA24	ME-MS61	2.85	111	3030	4610	415	214	BRX	SF-0028	HYP
SFDH-005	53	54	7604	QC - QuarterCore	Au-AA24	ME-MS61	2.03	486	5650	19100	2110	976	BRX	SF-0028	HYP
SFDH-005	54	55	7606	Half Core	Au-AA24	ME-MS61	3.4	438	9270	35500	1120	849	BRX	SF-0028	HYP
SFDH-005	55	56	7607	Half Core	Au-AA24	ME-MS61	4.21	142	6370	12100	1360	272	BRX	SF-0028	HYP
SFDH-005	56	57	7608	Half Core	Au-AA24	ME-MS61	1.65	207	6470	27600	953	381	BRX	SF-0028	HYP
SFDH-005	57	58	7609	Half Core	Au-AA24	ME-MS61	1.02	257	10250	27900	516	480	BRX	SF-0028	HYP
SFDH-005	58	59	7610	Half Core	Au-AA24	ME-MS61	0.994	159	2130	15800	141	315	BRX	SF-0028	HYP
SFDH-005	59	60	7611	Half Core	Au-AA24	ME-MS61	0.745	194	4590	16850	772	362	BRX	SF-0028	HYP
SFDH-005	60	61	7612	Half Core	Au-AA24	ME-MS61	1.02	312	8150	15550	292	747	BRX	SF-0028	HYP
SFDH-005	61	62	7613	Half Core	Au-AA24	ME-MS61	1.125	219	9030	14950	695	393	BRX	SF-0028	HYP
SFDH-005	62	63	7614	Half Core	Au-AA24	ME-MS61	3.9	28.2	2330	4780	1020	55	BRX	SF-0028	HYP
SFDH-005	63	64	7616	Half Core	Au-AA24	ME-MS61	1.475	96	5220	12350	1160	162.5	BRX	SF-0028	HYP
SFDH-005	64	65	7617	Half Core	Au-AA24	ME-MS61	4.4	31.5	10900	2750	680	33.1	BRX	SF-0028	HYP
SFDH-005	65	66	7618	Half Core	Au-AA24	ME-MS61	2.81	99	15300	5620	2290	164.5	BRX	SF-0028	HYP
SFDH-005	66	67	7619	Half Core	Au-AA24	ME-MS61	3.86	48.7	8260	940	809	78.9	BRX	SF-0028	HYP

SFDH-005	67	68	7620	Half Core	Au-AA24	ME-MS61	3.66	234	11950	9310	826	433	BRX	SF-0028	HYP
SFDH-005	68	69	7621	Half Core	Au-AA24	ME-MS61	3.33	58.7	7740	9570	835	80.4	BRX	SF-0028	HYP
SFDH-005	69	70	7623	Half Core	Au-AA24	ME-MS61	2.4	81.3	10850	10700	1320	82.1	BRX	SF-0029	HYP
SFDH-005	70	71	7624	Half Core	Au-AA24	ME-MS61	3.65	41.2	4250	2960	314	63.8	BRX	SF-0029	HYP
SFDH-005	71	72	7625	Half Core	Au-AA24	ME-MS61	1	62	8730	3870	749	68.9	BRX	SF-0029	HYP
SFDH-005	72	73	7626	Half Core	Au-AA24	ME-MS61	2.11	99.8	10650	1490	831	115.5	BRX	SF-0029	HYP
SFDH-005	73	74	7627	Half Core	Au-AA24	ME-MS61	3	96	3870	2630	1380	184	BRX	SF-0029	HYP
SFDH-005	74	75	7628	Half Core	Au-AA24	ME-MS61	2.15	115	12100	15550	837	157	BRX	SF-0029	HYP
SFDH-005	75	76	7629	Half Core	Au-AA24	ME-MS61	5.25	48	10100	2190	657	41.6	BRX	SF-0029	HYP
SFDH-005	76	77	7630	Half Core	Au-AA24	ME-MS61	2.48	100	4920	2670	581	91.4	BRX	SF-0029	HYP
SFDH-005	77	78	7631	Half Core	Au-AA24	ME-MS61	3.32	68.3	8580	8790	548	88.4	BRX	SF-0029	HYP
SFDH-005	78	79	7633	Half Core	Au-AA24	ME-MS61	3.33	46.4	5730	1520	418	63	BRX	SF-0029	HYP
SFDH-005	79	80	7634	Half Core	Au-AA24	ME-MS61	0.596	191	1430	13400	936	397	BRX	SF-0029	HYP
SFDH-005	80	81	7635	Half Core	Au-AA24	ME-MS61	2.89	63.8	8100	6360	1120	107	BRX	SF-0029	HYP
SFDH-005	81	82	7636	Half Core	Au-AA24	ME-MS61	5.94	43.1	5610	2380	1110	52.8	BRX	SF-0029	HYP
SFDH-005	82	83	7637	Half Core	Au-AA24	ME-MS61	5.43	12.95	4370	636	426	9.05	BRX	SF-0029	HYP
SFDH-005	83	84	7638	Half Core	Au-AA24	ME-MS61	1.545	10.7	1370	1765	2010	17.7	BRX	SF-0029	HYP
SFDH-005	84	85	7639	Half Core	Au-AA24	ME-MS61	0.664	35	2810	5160	2180	60.1	BRX	SF-0029	HYP
SFDH-005	85	86	7640	Half Core	Au-AA24	ME-MS61	2.13	20	3650	3630	870	30.5	BRX	SF-0029	HYP
SFDH-005	86	87	7641	Half Core	Au-AA24	ME-MS61	0.649	2.64	354	558	511	2.86	BRX	SF-0029	HYP
SFDH-005	87	88	7643	Half Core	Au-AA24	ME-MS61	0.547	14.9	2900	3550	1780	22.9	BRX	SF-0029	HYP
SFDH-005	88	89	7644	Half Core	Au-AA24	ME-MS61	1.62	33.1	3200	1975	1310	103	BRX	SF-0029	HYP
SFDH-005	89	90	7645	Half Core	Au-AA24	ME-MS61	2.83	53.4	4320	1650	1560	7.68	BRX	SF-0029	HYP
SFDH-005	90	91	7646	Half Core	Au-AA24	ME-MS61	1.77	16.55	3240	1055	3030	9.6	BRX	SF-0029	HYP
SFDH-005	91	92	7647	Half Core	Au-AA24	ME-MS61	1.81	47.1	5980	1360	2490	20	BRX	SF-0029	HYP
SFDH-005	92	93	7648	Half Core	Au-AA24	ME-MS61	0.222	4.51	389	1015	2140	4.34	BRX	SF-0029	HYP
SFDH-005	93	94	7649	Half Core	Au-AA24	ME-MS61	1.06	56.6	9190	29200	3240	68.2	BRX	SF-0029	HYP
SFDH-005	94	95	7650	Half Core	Au-AA24	ME-MS61	1.945	15.35	3500	777	1740	5.63	BRX	SF-0029	HYP
SFDH-005	95	96	7651	Half Core	Au-AA24	ME-MS61	0.839	13.85	2690	176	397	3.43	BRX	SF-0029	HYP
SFDH-005	96	97	7652	QC - QuarterCore	Au-AA24	ME-MS61	0.384	2.88	310	152	415	1.84	BRX	SF-0029	HYP
SFDH-005	97	98	7654	Half Core	Au-AA24	ME-MS61	0.823	5.13	586	522	995	3.84	BRX	SF-0029	HYP
SFDH-005	98	99	7655	Half Core	Au-AA24	ME-MS61	0.637	3.46	335	378	983	3.54	BRX	SF-0029	HYP
SFDH-005	99	100	7656	Half Core	Au-AA24	ME-MS61	1.03	9.84	813	666	1340	3.81	BRX	SF-0029	HYP
SFDH-005	100	101	7657	Half Core	Au-AA24	ME-MS61	1.21	8.31	2410	1035	727	3.31	BRX	SF-0029	HYP
SFDH-005	101	102	7658	Half Core	Au-AA24	ME-MS61	0.888	8.47	873	514	773	3.33	BRX	SF-0029	HYP
SFDH-005	102	103	7659	Half Core	Au-AA24	ME-MS61	0.828	2	177	348	918	2.56	BRX	SF-0029	HYP
SFDH-005	103	104	7660	Half Core	Au-AA24	ME-MS61	6.59	18	2260	672	529	7.75	BRX	SF-0029	HYP
SFDH-005	104	105	7661	Half Core	Au-AA24	ME-MS61	0.628	6.17	298	529	1150	10.3	BRX	SF-0029	HYP
SFDH-005	105	106	7663	Half Core	Au-AA24	ME-MS61	0.187	8.4	293	233	384	12.1	BRX	SF-0029	HYP
SFDH-005	106	107	7664	Half Core	Au-AA24	ME-MS61	0.587	16.25	2270	249	845	2.32	BRX	SF-0029	HYP
SFDH-005	107	108	7665	Half Core	Au-AA24	ME-MS61	2.19	83	11350	92.5	568	4.41	BRX	SF-0029	HYP
SFDH-005	108	109	7666	Half Core	Au-AA24	ME-MS61	1.995	62.5	4810	324	434	5.14	BRX	SF-0029	HYP
SFDH-005	109	110	7667	Half Core	Au-AA24	ME-MS61	0.68	3.95	222	414	1480	3.95	BRX	SF-0029	HYP

SFDH-005	110	111	7668	Half Core	Au-AA24	ME-MS61	1.59	7.29	694	3170	332	3.06	BRX	SF-0029	HYP
SFDH-005	111	112	7669	Half Core	Au-AA24	ME-MS61	0.676	5.67	233	2970	1820	4.33	BRX	SF-0029	HYP
SFDH-005	112	113	7670	Half Core	Au-AA24	ME-MS61	0.121	1.43	35	302	338	1.12	BRX	SF-0029	HYP
SFDH-005	113	114	7671	Half Core	Au-AA24	ME-MS61	0.216	3.25	193	2090	1800	2.35	BRX	SF-0029	HYP
SFDH-005	114	115	7673	Half Core	Au-AA24	ME-MS61	0.978	16.95	355	2000	1810	23.2	BRX	SF-0029	HYP
SFDH-005	115	116	7674	Half Core	Au-AA24	ME-MS61	0.957	22.5	5290	849	873	3.59	BRX	SF-0029	HYP
SFDH-005	116	117	7675	Half Core	Au-AA24	ME-MS61	3.12	43.8	7370	438	842	10.1	BRX	SF-0029	HYP
SFDH-005	117	117.7	7676	Half Core	Au-AA24	ME-MS61	0.556	26.7	9630	133	632	5.59	BRX	SF-0029	HYP
SFDH-005	117.7	119	7678	Half Core	Au-AA24	ME-MS61	0.787	33.6	8490	493	1760	4.38	INT	SF-0029	UNK
SFDH-005	119	121	7679	Half Core	Au-AA24	ME-MS61	0.043	1.71	327	527	717	1.39	INT	SF-0029	UNK
SFDH-005	121	123.8	7680	Half Core	Au-AA24	ME-MS61	0.0025	0.6	87.1	111	133	0.8	INT	SF-0029	UNK
SFDH-005	123.8	125	7681	Half Core	Au-AA24	ME-MS61	0.149	4.25	295	1410	4410	5.72	SED	SF-0029	UNK
SFDH-005	125	127	7682	Half Core	Au-AA24	ME-MS61	0.12	5.07	208	2080	5930	6.92	SED	SF-0029	UNK
SFDH-005	127	129	7683	Half Core	Au-AA24	ME-MS61	0.159	5.99	612	1950	6800	7.51	SED	SF-0029	UNK
SFDH-005	129	131	7684	Half Core	Au-AA24	ME-MS61	0.148	3.74	284	1160	2180	5.42	SED	SF-0029	UNK
SFDH-006	2.25	4	7686	Half Core	Au-AA24	ME-MS61	0.008	2.31	525	70.2	67	4.21	SED	SF-0030	UNK
SFDH-006	4	6	7687	Half Core	Au-AA24	ME-MS61	0.038	2.63	179	237	146	5.39	SED	SF-0030	UNK
SFDH-006	6	8	7688	Half Core	Au-AA24	ME-MS61	0.013	2.43	267	302	79	4.57	SED	SF-0030	UNK
SFDH-006	8	10	7689	Half Core	Au-AA24	ME-MS61	0.012	2.78	450	175.5	105	8.25	SED	SF-0030	UNK
SFDH-006	10	12	7690	Half Core	Au-AA24	ME-MS61	0.014	4.27	500	400	51	36	SED	SF-0030	UNK
SFDH-006	12	14	7691	Half Core	Au-AA24	ME-MS61	0.014	3.06	787	387	45	8.97	SED	SF-0030	UNK
SFDH-006	14	16	7692	Half Core	Au-AA24	ME-MS61	0.011	0.85	2580	66.3	270	2.28	SED	SF-0030	UNK
SFDH-006	16	18	7693	Half Core	Au-AA24	ME-MS61	0.015	0.64	1360	34.2	272	2.51	SED	SF-0030	UNK
SFDH-006	18	20	7694	Half Core	Au-AA24	ME-MS61	0.0025	0.38	784	28.2	484	1.25	SED	SF-0030	UNK
SFDH-006	20	21	7696	Half Core	Au-AA24	ME-MS61	0.0025	0.35	1060	24.7	814	0.8	SED	SF-0030	OXI
SFDH-006	21	22	7697	Half Core	Au-AA24	ME-MS61	0.011	0.97	841	63.6	1020	1.29	SED	SF-0030	OXI
SFDH-006	22	23	7698	Half Core	Au-AA24	ME-MS61	0.024	1.52	153.5	190	869	4.81	SED	SF-0030	OXI
SFDH-006	23	24	7699	Half Core	Au-AA24	ME-MS61	0.008	1.39	260	123	1060	3.66	SED	SF-0030	OXI
SFDH-006	24	25	7700	Half Core	Au-AA24	ME-MS61	0.005	0.48	140	69.5	418	2.26	SED	SF-0030	OXI
SFDH-006	25	26	7701	Half Core	Au-AA24	ME-MS61	0.01	0.96	307	105	472	2.89	SED	SF-0030	OXI
SFDH-006	26	27	7702	Half Core	Au-AA24	ME-MS61	0.01	1.26	260	245	192	31.7	SED	SF-0030	OXI
SFDH-006	27	28	7703	Half Core	Au-AA24	ME-MS61	0.005	1.09	138.5	170.5	221	8.01	SED	SF-0030	OXI
SFDH-006	28	29	7704	Half Core	Au-AA24	ME-MS61	0.006	1.2	604	129	551	11.9	SED	SF-0030	OXI
SFDH-006	30	31	7705	Half Core	Au-AA24	ME-MS61	0.006	0.78	491	121.5	533	3.76	SED	SF-0030	OXI
SFDH-006	31	31.9	7706	Half Core	Au-AA24	ME-MS61	0.0025	0.84	372	55	937	4.35	SED	SF-0030	OXI
SFDH-006	31.9	33	7708	Half Core	Au-AA24	ME-MS61	0.0025	0.56	449	17.2	877	0.74	BRX	SF-0030	OXI
SFDH-006	33	34	7709	Half Core	Au-AA24	ME-MS61	0.0025	0.31	821	26.7	1500	0.64	BRX	SF-0030	OXI
SFDH-006	34	35	7710	Half Core	Au-AA24	ME-MS61	0.013	2.67	714	181.5	513	46.7	BRX	SF-0030	OXI
SFDH-006	35	36	7711	Half Core	Au-AA24	ME-MS61	0.021	2.17	1090	195	710	26.1	BRX	SF-0030	OXI
SFDH-006	36	37	7712	Half Core	Au-AA24	ME-MS61	0.035	4.47	2300	75.1	633	1.39	BRX	SF-0030	OXI
SFDH-006	37	38.2	7713	Half Core	Au-AA24	ME-MS61	0.005	1.89	2040	97.9	692	1.13	BRX	SF-0030	OXI
SFDH-006	38.2	39	7714	Half Core	Au-AA24	ME-MS61	0.0025	0.58	3090	58.3	314	0.49	SED	SF-0030	MIX
SFDH-006	39	40	7715	Half Core	Au-AA24	ME-MS61	0.0025	0.2	606	42.6	275	0.33	SED	SF-0030	MIX

SFDH-006	40	41	7716	Half Core	Au-AA24	ME-MS61	0.0025	0.3	1580	37.8	104	0.43	SED	SF-0030	MIX
SFDH-006	41	42	7717	Half Core	Au-AA24	ME-MS61	0.01	2.17	1330	137.5	87	27.5	SED	SF-0030	MIX
SFDH-006	42	43	7719	Half Core	Au-AA24	ME-MS61	0.28	2.49	3490	284	149	5.05	SED	SF-0030	MIX
SFDH-006	43	44	7720	Half Core	Au-AA24	ME-MS61	0.048	0.71	1080	91.8	149	6.37	SED	SF-0030	MIX
SFDH-006	44	45	7721	Half Core	Au-AA24	ME-MS61	0.014	0.59	773	110	717	2.02	SED	SF-0030	MIX
SFDH-006	45	46	7722	Half Core	Au-AA24	ME-MS61	0.0025	0.44	186	65.6	855	1.31	SED	SF-0030	MIX
SFDH-006	46	47	7723	Half Core	Au-AA24	ME-MS61	0.0025	0.2	142.5	49.7	648	0.51	SED	SF-0030	MIX
SFDH-006	47	48	7724	Half Core	Au-AA24	ME-MS61	0.031	0.45	225	52.8	782	2.11	SED	SF-0030	MIX
SFDH-006	48	49	7725	Half Core	Au-AA24	ME-MS61	0.012	0.64	225	66.8	277	4.04	SED	SF-0030	MIX
SFDH-006	49	50.5	7726	Half Core	Au-AA24	ME-MS61	0.031	0.37	134.5	107	666	1.5	SED	SF-0030	MIX
SFDH-006	50.5	51	7727	Half Core	Au-AA24	ME-MS61	0.535	4.84	189.5	1045	1640	24.1	BRX	SF-0030	HYP
SFDH-006	51	52	7729	Half Core	Au-AA24	ME-MS61	0.279	5.12	1250	442	164	8.36	BRX	SF-0030	HYP
SFDH-006	52	53	7730	Half Core	Au-AA24	ME-MS61	0.549	9.19	3770	482	435	13.9	BRX	SF-0030	HYP
SFDH-006	53	54	7731	Half Core	Au-AA24	ME-MS61	0.277	6.39	134	224	399	16.75	BRX	SF-0030	HYP
SFDH-006	54	55	7732	Half Core	Au-AA24	ME-MS61	0.1	5.93	408	286	458	55.1	BRX	SF-0030	HYP
SFDH-006	55	56	7733	Half Core	Au-AA24	ME-MS61	1.065	18.65	422	881	3080	164	BRX	SF-0030	HYP
SFDH-006	56	57	7734	Half Core	Au-AA24	ME-MS61	1.425	36	6340	1990	5060	65.5	BRX	SF-0030	HYP
SFDH-006	57	58	7735	Half Core	Au-AA24	ME-MS61	1.56	35.2	12900	380	953	18.65	BRX	SF-0030	HYP
SFDH-006	58	59	7736	Half Core	Au-AA24	ME-MS61	0.676	55.2	4160	3680	672	71.2	BRX	SF-0030	HYP
SFDH-006	59	60	7737	Half Core	Au-AA24	ME-MS61	1.765	118	8360	14550	1400	203	BRX	SF-0030	HYP
SFDH-006	60	61	7738	QC - QuarterCore	Au-AA24	ME-MS61	1.93	35.7	2960	5730	586	52.9	BRX	SF-0030	HYP
SFDH-006	61	62	7740	Half Core	Au-AA24	ME-MS61	1.285	77.4	4500	41200	29300	97.2	BRX	SF-0030	HYP
SFDH-006	62	63	7741	Half Core	Au-AA24	ME-MS61	1.365	134	1670	6650	10650	225	BRX	SF-0030	HYP
SFDH-006	63	64	7742	Half Core	Au-AA24	ME-MS61	1.535	26.2	3130	6430	660	27.5	BRX	SF-0030	HYP
SFDH-006	64	65	7743	Half Core	Au-AA24	ME-MS61	2.21	70.1	3600	21800	69300	80.5	BRX	SF-0030	HYP
SFDH-006	65	66	7744	Half Core	Au-AA24	ME-MS61	1.625	89.2	5050	23800	43500	63.2	BRX	SF-0030	HYP
SFDH-006	66	67	7745	Half Core	Au-AA24	ME-MS61	0.727	152	3780	92100	10700	78.8	BRX	SF-0030	HYP
SFDH-006	67	68	7746	Half Core	Au-AA24	ME-MS61	1.09	159	2240	22400	22700	290	BRX	SF-0030	HYP
SFDH-006	68	69	7747	Half Core	Au-AA24	ME-MS61	1.315	40.7	7170	10700	20400	16.4		SF-0030	
SFDH-006	69	70	7749	Half Core	Au-AA24	ME-MS61	0.55	46.1	1860	10850	6430	70.6	BRX	SF-0030	HYP
SFDH-006	70	71	7750	Half Core	Au-AA24	ME-MS61	1.165	145	6090	15150	9570	217	BRX	SF-0030	HYP
SFDH-006	71	72	7751	Half Core	Au-AA24	ME-MS61	0.635	51.2	2270	7060	15200	78.4	BRX	SF-0030	HYP
SFDH-006	72	73	7752	Half Core	Au-AA24	ME-MS61	0.437	49.8	966	6000	1570	91.1	BRX	SF-0030	HYP
SFDH-006	73	74	7753	Half Core	Au-AA24	ME-MS61	0.894	50.3	2710	4930	2420	66.7	BRX	SF-0030	HYP
SFDH-006	74	75	7754	Half Core	Au-AA24	ME-MS61	0.378	18.25	2550	6500	4280	27.9	BRX	SF-0030	HYP
SFDH-006	75	76	7755	Half Core	Au-AA24	ME-MS61	1.055	21.9	2140	3990	7540	36.4	BRX	SF-0030	HYP
SFDH-006	76	77	7756	Half Core	Au-AA24	ME-MS61	1.58	11.2	242	796	3060	23	BRX	SF-0030	HYP
SFDH-006	77	78	7757	Half Core	Au-AA24	ME-MS61	4.95	148	1240	4340	488	1170	BRX	SF-0030	HYP
SFDH-006	78	79.3	7758	Half Core	Au-AA24	ME-MS61	4.18	151	2640	3960	846	2440	BRX	SF-0030	HYP
SFDH-006	79.3	81	7760	Half Core	Au-AA24	ME-MS61	1.715	10.4	4610	650	975	18.6	SED	SF-0030	UNK
SFDH-006	81	83	7761	Half Core	Au-AA24	ME-MS61	0.131	2.75	176	698	1130	6.97	SED	SF-0030	UNK
SFDH-006	83	86	7762	Half Core	Au-AA24	ME-MS61	0.031	3.04	341	400	903	8.14	SED	SF-0030	UNK
SFDH-006	86	89	7763	Half Core	Au-AA24	ME-MS61	0.01	0.47	227	99.6	190	0.77	SED	SF-0030	UNK

SFDH-006	89	91	7764	Half Core	Au-AA24	ME-MS61	0.007	0.53	85	110.5	235	1.02	SED	SF-0030	UNK
SFDH-006	91	93	7765	Half Core	Au-AA24	ME-MS61	0.02	1.76	382	343	1090	3.16	SED	SF-0030	UNK
SFDH-006	93	95	7766	Half Core	Au-AA24	ME-MS61	0.0025	0.52	111	36.8	53	1.23	SED	SF-0030	UNK
SFDH-006	95	97	7768	Half Core	Au-AA24	ME-MS61	0.0025	0.21	25.4	18.8	40	0.53	SED	SF-0030	UNK
SFDH-006	97	99	7769	Half Core	Au-AA24	ME-MS61	0.0025	0.08	11.8	19	40	0.34	SED	SF-0030	UNK
SFDH-006	99	100.25	7770	Half Core	Au-AA24	ME-MS61	0.0025	0.12	13.5	20.1	31	0.38		SF-0030	UNK

Hole ID	From	To	Sample#	Sample Type	Au Method	BM Method	Au ppm AAS	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm	Lithology	Dispatch #	Mineral Zone
SFDH-007	1	3	7772	half core	Au-AA24	ME-MS61	0.021	1.83	108.5	240	207	61.3	SED	SF-0031	UNK
SFDH-007	3	5	7773	half core	Au-AA24	ME-MS61	0.011	1.04	38.7	94.1	110	2.18	BRX	SF-0031	OXI
SFDH-007	5	6	7774	half core	Au-AA24	ME-MS61	0.034	4.06	33	321	107	25.4	BRX	SF-0031	OXI
SFDH-007	6	7	7775	half core	Au-AA24	ME-MS61	0.058	7.2	98.5	351	190	51.8	BRX	SF-0031	OXI
SFDH-007	7	8	7776	half core	Au-AA24	ME-MS61	0.066	5.45	87.5	273	201	28.5	BRX	SF-0031	OXI
SFDH-007	8	9	7777	half core	Au-AA24	ME-MS61	0.038	6.17	80.3	557	160	218	BRX	SF-0031	OXI
SFDH-007	9	10	7778	half core	Au-AA24	ME-MS61	0.041	7.83	137	497	218	36.5	BRX	SF-0031	OXI
SFDH-007	10	11	7779	half core	Au-AA24	ME-MS61	0.032	7.71	180.5	721	300	24.8	BRX	SF-0031	OXI
SFDH-007	11	12	7781	half core	Au-AA24	ME-MS61	0.025	3.81	201	77.6	79	7.25	BRX	SF-0031	OXI
SFDH-007	12	13	7782	half core	Au-AA24	ME-MS61	0.011	2.6	477	40.7	102	1.57	BRX	SF-0031	OXI
SFDH-007	13	14	7783	half core	Au-AA24	ME-MS61	0.007	1.59	138	127	224	2.2	BRX	SF-0031	OXI
SFDH-007	14	15	7784	half core	Au-AA24	ME-MS61	0.006	2.57	228	181.5	275	9.69	BRX	SF-0031	OXI
SFDH-007	15	16	7785	half core	Au-AA24	ME-MS61	0.016	7.09	392	470	552	50.5	BRX	SF-0031	OXI
SFDH-007	16	17	7786	half core	Au-AA24	ME-MS61	0.009	8.38	368	15.6	524	0.46	BRX	SF-0031	OXI
SFDH-007	17	18.18	7787	half core	Au-AA24	ME-MS61	0.003	0.33	222	12.5	709	0.35	SED	SF-0031	OXI
SFDH-007	18.18	19	7788	half core	Au-AA24	ME-MS61	0.003	0.45	46.2	47.4	524	0.88	BRX	SF-0031	OXI
SFDH-007	19	20	7789	half core	Au-AA24	ME-MS61	0.003	0.36	31.7	31.4	513	0.62	BRX	SF-0031	OXI
SFDH-007	20	21	7791	half core	Au-AA24	ME-MS61	0.003	0.28	94.7	26.9	472	0.74	BRX	SF-0031	OXI
SFDH-007	21	22	7792	half core	Au-AA24	ME-MS61	0.019	3.46	114.5	437	210	24.6	BRX	SF-0031	OXI
SFDH-007	22	23	7793	half core	Au-AA24	ME-MS61	0.026	7.82	101	885	451	21.6	BRX	SF-0031	OXI
SFDH-007	23	24	7794	half core	Au-AA24	ME-MS61	0.023	7.13	122.5	812	169	24.2	BRX	SF-0031	OXI
SFDH-007	24	25	7795	half core	Au-AA24	ME-MS61	0.006	2.72	486	76.5	531	1.34	BRX	SF-0031	OXI
SFDH-007	25	26	7796	half core	Au-AA24	ME-MS61	0.042	3.92	186.5	413	325	16.6	BRX	SF-0031	OXI
SFDH-007	26	27	7797	half core	Au-AA24	ME-MS61	0.087	5.4	60.1	479	115	31.3	BRX	SF-0031	OXI
SFDH-007	27	28	7798	half core	Au-AA24	ME-MS61	0.094	14.35	60.2	862	166	28.5	BRX	SF-0031	OXI
SFDH-007	28	29	7799	half core	Au-AA24	ME-MS61	0.043	5.37	60.4	555	115	13.2	BRX	SF-0031	OXI
SFDH-007	29	30	7800	QC - QuarterCore	Au-AA24	ME-MS61	0.050	3.71	168	90.9	581	18.5	BRX	SF-0031	OXI
SFDH-007	30	31	7802	half core	Au-AA24	ME-MS61	0.032	4.11	219	795	612	39	BRX	SF-0031	OXI
SFDH-007	31	32	7803	half core	Au-AA24	ME-MS61	0.056	6.17	148.5	899	372	79.6	BRX	SF-0031	OXI
SFDH-007	32	33	7804	half core	Au-AA24	ME-MS61	0.027	3.05	107	675	527	8.85	BRX	SF-0031	OXI
SFDH-007	33	34	7805	half core	Au-AA24	ME-MS61	0.072	5.18	138.5	996	445	20.7	BRX	SF-0031	OXI
SFDH-007	34	35	7806	half core	Au-AA24	ME-MS61	0.017	1.73	81.7	486	168	4.01	BRX	SF-0031	OXI
SFDH-007	35	36	7807	half core	Au-AA24	ME-MS61	0.055	5.69	143.5	779	521	18.25	BRX	SF-0031	OXI
SFDH-007	36	37	7808	half core	Au-AA24	ME-MS61	0.288	7.95	146	1250	213	18.6	BRX	SF-0031	OXI

SFDH-007	37	38	7809	half core	Au-AA24	ME-MS61	0.100	8.69	87.4	1720	159	24.1	BRX	SF-0031	OXI
SFDH-007	38	39	7811	half core	Au-AA24	ME-MS61	0.037	6.52	158	857	578	9.03	BRX	SF-0031	OXI
SFDH-007	39	40	7812	half core	Au-AA24	ME-MS61	0.013	1.23	166	244	368	8.15	BRX	SF-0031	OXI
SFDH-007	40	41	7813	half core	Au-AA24	ME-MS61	0.019	2.28	92.7	793	321	10.3	BRX	SF-0031	OXI
SFDH-007	41	42	7814	half core	Au-AA24	ME-MS61	0.090	7.13	99.6	1560	258	12.65	BRX	SF-0031	OXI
SFDH-007	42	43	7815	half core	Au-AA24	ME-MS61	0.226	11.6	278	1965	108	22.3	BRX	SF-0031	OXI
SFDH-007	43	44	7816	half core	Au-AA24	ME-MS61	0.031	7.34	103	640	224	42.1	BRX	SF-0031	OXI
SFDH-007	44	45	7817	half core	Au-AA24	ME-MS61	0.100	7.9	189	974	178	21.4	BRX	SF-0031	OXI
SFDH-007	45	46	7818	half core	Au-AA24	ME-MS61	0.053	10.2	248	293	598	8.59	BRX	SF-0031	OXI
SFDH-007	46	47	7819	half core	Au-AA24	ME-MS61	0.018	6.29	579	531	577	7.61	BRX	SF-0031	OXI
SFDH-007	47	48.5	7821	half core	Au-AA24	ME-MS61	0.057	25.6	809	1050	1360	8.8	BRX	SF-0031	OXI
SFDH-007	48.5	50	7822	half core	Au-AA24	ME-MS61	0.009	1.98	1240	134.5	540	8.52	INT	SF-0031	OXI
SFDH-007	50	52	7823	half core	Au-AA24	ME-MS61	0.050	8.04	1730	678	452	81.6	INT	SF-0031	OXI
SFDH-007	52	54	7824	half core	Au-AA24	ME-MS61	0.047	9.6	922	715	277	60.5	INT	SF-0031	OXI
SFDH-007	54	56.48	7825	half core	Au-AA24	ME-MS61	0.197	9.71	6020	1690	930	54	INT	SF-0031	OXI
SFDH-007	56.48	57	7827	half core	Au-AA24	ME-MS61	7.670	751	4960	10350	177	10000	BRX	SF-0031	MIX
SFDH-007	57	58	7828	half core	Au-AA24	ME-MS61	3.900	78.7	1190	4580	566	1750	BRX	SF-0031	MIX
SFDH-007	58	59	7829	half core	Au-AA24	ME-MS61	4.700	51.3	800	5970	528	469	BRX	SF-0031	MIX
SFDH-007	59	60	7830	half core	Au-AA24	ME-MS61	4.550	12.85	152	735	138	133.5	BRX	SF-0031	MIX
SFDH-007	60	61	7831	half core	Au-AA24	ME-MS61	1.290	20.7	429	3480	1530	40.3	BRX	SF-0031	MIX
SFDH-007	61	62	7832	half core	Au-AA24	ME-MS61	0.820	185	748	35000	320	433	BRX	SF-0031	MIX
SFDH-007	62	63	7833	half core	Au-AA24	ME-MS61	8.520	11.7	1650	6120	434	20.5	BRX	SF-0031	MIX
SFDH-007	63	64	7834	half core	Au-AA24	ME-MS61	4.540	68.4	3990	12500	356	125.5	BRX	SF-0031	MIX
SFDH-007	64	65	7835	half core	Au-AA24	ME-MS61	9.500	373	8580	24600	444	733	BRX	SF-0031	MIX
SFDH-007	65	66	7836	half core	Au-AA24	ME-MS61	3.530	604	6140	30200	746	1250	BRX	SF-0031	MIX
SFDH-007	66	67	7837	QC - QuarterCore	Au-AA24	ME-MS61	2.120	3.25	295	652	722	6.17	BRX	SF-0031	MIX
SFDH-007	67	68	7839	half core	Au-AA24	ME-MS61	1.375	2.75	336	744	748	5.15	BRX	SF-0031	HYP
SFDH-007	68	69	7840	half core	Au-AA24	ME-MS61	3.440	91.5	597	3560	1660	202	BRX	SF-0031	HYP
SFDH-007	69	70	7841	half core	Au-AA24	ME-MS61	3.810	113	11900	3230	811	259	BRX	SF-0031	HYP
SFDH-007	70	71	7842	half core	Au-AA24	ME-MS61	3.370	241	6320	12200	886	431	BRX	SF-0031	HYP
SFDH-007	71	72	7843	half core	Au-AA24	ME-MS61	4.260	72.7	4830	3830	1630	87.2	BRX	SF-0031	HYP
SFDH-007	72	73	7844	half core	Au-AA24	ME-MS61	1.970	158	3600	19200	639	297	BRX	SF-0031	HYP
SFDH-007	73	74	7845	half core	Au-AA24	ME-MS61	2.270	519	3080	11700	395	1800	BRX	SF-0031	HYP
SFDH-007	74	75	7846	half core	Au-AA24	ME-MS61	1.515	23.9	10900	152.5	677	11.35	BRX	SF-0031	HYP
SFDH-007	75	76	7847	half core	Au-AA24	ME-MS61	1.490	22.4	8210	306	1070	10.85	BRX	SF-0031	HYP
SFDH-007	76	77	7849	half core	Au-AA24	ME-MS61	1.510	33.1	4080	527	928	25.3	BRX	SF-0032	HYP
SFDH-007	77	78	7850	half core	Au-AA24	ME-MS61	1.785	24.9	5770	1960	884	10.45	BRX	SF-0032	HYP
SFDH-007	78	79	7851	half core	Au-AA24	ME-MS61	2.970	18.05	2540	1580	612	16.8	BRX	SF-0032	HYP
SFDH-007	79	80	7852	half core	Au-AA24	ME-MS61	1.655	31.3	3900	7380	1470	23.1	BRX	SF-0032	HYP
SFDH-007	80	81	7853	half core	Au-AA24	ME-MS61	1.015	38.1	2160	2310	17350	5.5	BRX	SF-0032	HYP
SFDH-007	81	82	7854	half core	Au-AA24	ME-MS61	1.150	46.4	2130	6200	21400	7.32	BRX	SF-0032	HYP
SFDH-007	82	83	7855	half core	Au-AA24	ME-MS61	1.000	98	1900	19500	15150	29.7	BRX	SF-0032	HYP
SFDH-007	83	84	7856	half core	Au-AA24	ME-MS61	0.580	87.6	2630	9280	10650	31.2	BRX	SF-0032	HYP

SFDH-007	84	85	7858	half core	Au-AA24	ME-MS61	0.430	142	3470	35800	12550	108.5	BRX	SF-0032	HYP
SFDH-007	85	86	7859	half core	Au-AA24	ME-MS61	0.239	43.1	1030	19400	6730	16.25	BRX	SF-0032	HYP
SFDH-007	86	87	7860	half core	Au-AA24	ME-MS61	0.125	37.4	1540	25100	3120	15.05	BRX	SF-0032	HYP
SFDH-007	87	88	7861	half core	Au-AA24	ME-MS61	0.194	55.1	1350	44600	11700	45.9	BRX	SF-0032	HYP
SFDH-007	88	89	7862	half core	Au-AA24	ME-MS61	0.440	40.9	2830	11250	16050	15.25	BRX	SF-0032	HYP
SFDH-007	89	90	7863	half core	Au-AA24	ME-MS61	0.190	17.3	1000	3870	1710	6.94	BRX	SF-0032	HYP
SFDH-007	90	91	7864	half core	Au-AA24	ME-MS61	0.779	19.85	1290	5910	6430	7.25	BRX	SF-0032	HYP
SFDH-007	91	92	7865	half core	Au-AA24	ME-MS61	0.158	16.25	1760	6990	3810	20.8	BRX	SF-0032	HYP
SFDH-007	92	93	7866	half core	Au-AA24	ME-MS61	0.214	19.35	1370	10800	14950	22.1	BRX	SF-0032	HYP
SFDH-007	93	94	7868	half core	Au-AA24	ME-MS61	0.104	2.43	500	1310	3500	1.71	BRX	SF-0032	HYP
SFDH-007	94	95	7869	half core	Au-AA24	ME-MS61	0.348	9.57	1380	5800	7190	10.45	BRX	SF-0032	HYP
SFDH-007	95	96	7870	half core	Au-AA24	ME-MS61	0.182	12.95	1180	3070	6670	8.54	BRX	SF-0032	HYP
SFDH-007	96	97	7871	half core	Au-AA24	ME-MS61	0.787	26	1040	4800	4520	21.1	BRX	SF-0032	HYP
SFDH-007	97	98	7872	half core	Au-AA24	ME-MS61	0.423	33.8	2470	11000	6110	30.8	BRX	SF-0032	HYP
SFDH-007	98	99	7873	half core	Au-AA24	ME-MS61	0.189	20	3320	12200	13400	29.7	BRX	SF-0032	HYP
SFDH-007	99	100	7874	half core	Au-AA24	ME-MS61	0.148	10.5	302	1730	2620	13.45	BRX	SF-0032	HYP
SFDH-007	100	101	7875	half core	Au-AA24	ME-MS61	0.238	32.4	1710	8300	8390	34.8	BRX	SF-0032	HYP
SFDH-007	101	102	7876	half core	Au-AA24	ME-MS61	0.300	18.6	1580	4450	4140	14.7	BRX	SF-0032	HYP
SFDH-007	102	103	7877	QC - QuarterCore	Au-AA24	ME-MS61	0.193	7.05	437	1820	3620	7.38	BRX	SF-0032	HYP
SFDH-007	103	104	7879	half core	Au-AA24	ME-MS61	0.383	48.1	3000	12550	9970	45.4	BRX	SF-0032	HYP
SFDH-007	104	105	7880	half core	Au-AA24	ME-MS61	0.134	6.4	742	889	9580	4.28	BRX	SF-0032	HYP
SFDH-007	105	106	7881	half core	Au-AA24	ME-MS61	0.175	2.81	462	723	5490	2.77	BRX	SF-0032	HYP
SFDH-007	106	107	7882	half core	Au-AA24	ME-MS61	0.368	5.15	990	1890	4240	5.7	BRX	SF-0032	HYP
SFDH-007	107	108	7883	half core	Au-AA24	ME-MS61	1.590	84.4	6500	1330	10800	7.44	BRX	SF-0032	HYP
SFDH-007	108	109	7884	half core	Au-AA24	ME-MS61	1.360	30.4	1755	2160	5940	7.39	BRX	SF-0032	HYP
SFDH-007	109	110	7885	half core	Au-AA24	ME-MS61	1.195	97.4	4140	13100	20500	73.2	BRX	SF-0032	HYP
SFDH-007	110	111	7886	half core	Au-AA24	ME-MS61	2.270	115	7190	10800	40800	67.3	BRX	SF-0032	HYP
SFDH-007	111	112	7888	half core	Au-AA24	ME-MS61	0.922	58.6	1970	6470	5420	62	BRX	SF-0032	HYP
SFDH-007	112	113	7889	half core	Au-AA24	ME-MS61	1.095	24.7	3620	1760	9740	11.85	BRX	SF-0032	HYP
SFDH-007	113	114	7890	half core	Au-AA24	ME-MS61	0.150	7.24	798	959	724	8.3	BRX	SF-0032	HYP
SFDH-007	114	115	7891	half core	Au-AA24	ME-MS61	0.506	69.8	3240	19050	12900	113.5	BRX	SF-0032	HYP
SFDH-007	115	116	7892	half core	Au-AA24	ME-MS61	0.191	9.96	2280	4100	2150	11.65	BRX	SF-0032	HYP
SFDH-007	116	117	7893	half core	Au-AA24	ME-MS61	2.150	104	8320	9950	5600	63.9	BRX	SF-0032	HYP
SFDH-007	117	118	7894	half core	Au-AA24	ME-MS61	1.150	36.9	1785	918	650	28.2	BRX	SF-0032	HYP
SFDH-007	118	119	7895	half core	Au-AA24	ME-MS61	1.105	21.4	3880	2390	2170	7.81	BRX	SF-0032	HYP
SFDH-007	119	120	7896	half core	Au-AA24	ME-MS61	0.247	6.84	1390	1685	2100	3.52	BRX	SF-0032	HYP
SFDH-007	120	121	7898	half core	Au-AA24	ME-MS61	0.825	24.2	6750	14200	8540	16.5	BRX	SF-0032	HYP
SFDH-007	121	122	7899	half core	Au-AA24	ME-MS61	0.783	9.45	1185	4150	7200	11.4	BRX	SF-0032	HYP
SFDH-007	122	123	7900	half core	Au-AA24	ME-MS61	0.021	1.59	609	808	69	0.68	BRX	SF-0032	HYP
SFDH-007	123	124	7901	half core	Au-AA24	ME-MS61	0.259	5.09	1390	4950	543	4.33	BRX	SF-0032	HYP
SFDH-007	124	125	7902	half core	Au-AA24	ME-MS61	0.273	6.75	565	619	187	0.73	BRX	SF-0032	HYP
SFDH-007	125	126	7903	half core	Au-AA24	ME-MS61	0.080	1.92	430	374	145	1.18	BRX	SF-0032	HYP
SFDH-007	126	127	7904	half core	Au-AA24	ME-MS61	0.162	2.14	387	407	146	1.96	BRX	SF-0032	HYP

SFDH-007	127	128	7905	half core	Au-AA24	ME-MS61	1.385	40.3	5740	5470	2250	14.9	BRX	SF-0032	HYP
SFDH-007	128	129	7906	half core	Au-AA24	ME-MS61	0.012	5.03	804	471	55	0.73	BRX	SF-0032	HYP
SFDH-007	129	130	7907	QC - QuarterCore	Au-AA24	ME-MS61	0.283	1.76	197.5	291	103	1.57	BRX	SF-0032	HYP
SFDH-007	130	131	7909	half core	Au-AA24	ME-MS61	0.072	1.35	192.5	390	83	1.63	BRX	SF-0032	HYP
SFDH-007	131	132	7910	half core	Au-AA24	ME-MS61	0.203	1.54	28.1	81.9	77	0.87	BRX	SF-0032	HYP
SFDH-007	132	133	7911	half core	Au-AA24	ME-MS61	0.319	1.71	134.5	32.4	54	1.17	BRX	SF-0032	HYP
SFDH-007	133	134	7912	half core	Au-AA24	ME-MS61	0.203	0.72	31.2	43.2	35	0.74	BRX	SF-0032	HYP
SFDH-007	134	135	7913	half core	Au-AA24	ME-MS61	0.173	1.36	32.4	135	221	0.93	BRX	SF-0032	HYP
SFDH-007	135	136	7914	half core	Au-AA24	ME-MS61	0.534	2.4	24.7	244	459	2.06	BRX	SF-0032	HYP
SFDH-007	136	136.8	7915	half core	Au-AA24	ME-MS61	0.517	2.29	78.3	434	1300	2.56	BRX	SF-0032	HYP
SFDH-007	136.8	138	7917	half core	Au-AA24	ME-MS61	1.490	4.37	11500	60.7	103	2.46	INT	SF-0032	UNK
SFDH-007	138	139	7918	half core	Au-AA24	ME-MS61	0.163	1.41	65.2	117	247	1.78	INT	SF-0032	UNK
SFDH-007	139	140	7919	half core	Au-AA24	ME-MS61	0.284	5.12	98.1	450	668	2.62	BRX	SF-0032	HYP
SFDH-007	140	141	7920	half core	Au-AA24	ME-MS61	0.369	6.39	319	399	145	6.17	BRX	SF-0032	HYP
SFDH-007	141	142	7921	half core	Au-AA24	ME-MS61	0.684	7.32	424	2770	416	5.8	BRX	SF-0032	HYP
SFDH-007	142	143	7922	half core	Au-AA24	ME-MS61	0.125	15.65	185.5	15400	190	6.87	BRX	SF-0032	HYP
SFDH-007	143	144	7923	half core	Au-AA24	ME-MS61	0.693	35.1	1415	16400	9170	25.6	BRX	SF-0032	HYP
SFDH-007	144	145	7924	half core	Au-AA24	ME-MS61	0.823	15	1815	9920	1560	5.14	BRX	SF-0032	HYP
SFDH-007	145	146	7926	half core	Au-AA24	ME-MS61	0.397	4.09	179.5	1040	424	2.69	BRX	SF-0033	HYP
SFDH-007	146	147	7927	half core	Au-AA24	ME-MS61	0.400	9.3	330	1540	1310	4.52	BRX	SF-0033	HYP
SFDH-007	147	148	7928	half core	Au-AA24	ME-MS61	0.139	2.94	270	211	55	0.9	BRX	SF-0033	HYP
SFDH-007	148	149	7929	half core	Au-AA24	ME-MS61	0.089	6.43	316	3510	3020	4.94	BRX	SF-0033	HYP
SFDH-007	149	150	7930	half core	Au-AA24	ME-MS61	0.094	8.58	1220	6140	167	6.07	BRX	SF-0033	HYP
SFDH-007	150	151	7931	half core	Au-AA24	ME-MS61	0.710	25.2	4190	2410	2390	11.9	BRX	SF-0033	HYP
SFDH-007	151	152	7932	half core	Au-AA24	ME-MS61	0.567	99	11400	9800	2130	13.05	BRX	SF-0033	HYP
SFDH-007	152	153	7933	half core	Au-AA24	ME-MS61	2.010	56.8	4900	2260	657	40.3	BRX	SF-0033	HYP
SFDH-007	153	154	7935	half core	Au-AA24	ME-MS61	1.170	38.6	2850	2940	932	53.9	BRX	SF-0033	HYP
SFDH-007	154	155	7936	half core	Au-AA24	ME-MS61	1.170	45	2690	3820	862	84.3	BRX	SF-0033	HYP
SFDH-007	155	156	7937	half core	Au-AA24	ME-MS61	0.081	116	3020	9190	797	452	BRX	SF-0033	HYP
SFDH-007	156	157	7938	half core	Au-AA24	ME-MS61	0.124	371	16450	23300	1140	1830	BRX	SF-0033	HYP
SFDH-007	157	158	7939	half core	Au-AA24	ME-MS61	0.384	192	12200	13850	1300	406	BRX	SF-0033	HYP
SFDH-007	158	159	7940	half core	Au-AA24	ME-MS61	1.505	261	21900	6370	1660	2330	BRX	SF-0033	HYP
SFDH-007	159	160	7941	half core	Au-AA24	ME-MS61	1.105	203	16650	6630	3650	642	BRX	SF-0033	HYP
SFDH-007	160	161	7942	half core	Au-AA24	ME-MS61	0.177	370	27200	8870	2880	1230	BRX	SF-0033	HYP
SFDH-007	161	162	7944	half core	Au-AA24	ME-MS61	0.387	250	19800	12150	11000	3600	BRX	SF-0033	HYP
SFDH-007	162	163	7945	half core	Au-AA24	ME-MS61	0.549	443	14200	14000	13250	10000	BRX	SF-0033	HYP
SFDH-007	163	164	7946	half core	Au-AA24	ME-MS61	0.481	139	5140	7230	911	2600	BRX	SF-0033	HYP
SFDH-007	164	165	7947	half core	Au-AA24	ME-MS61	0.365	648	40700	31400	7430	8370	BRX	SF-0033	HYP
SFDH-007	165	166	7948	half core	Au-AA24	ME-MS61	2.040	1240	50700	35300	29700	10000	BRX	SF-0033	HYP
SFDH-007	166	166.7	7949	half core	Au-AA24	ME-MS61	0.195	304	38900	9930	14250	3850	BRX	SF-0033	HYP
SFDH-007	166.7	168	7951	half core	Au-AA24	ME-MS61	0.182	31.4	3240	1550	817	444	SED	SF-0033	UNK
SFDH-007	168	169.8	7952	half core	Au-AA24	ME-MS61	0.054	8.45	662	438	926	91	SED	SF-0033	UNK
SFDH-008	1.6	3	7954	half core	Au-AA24	ME-MS61	0.105	8.24	74.4	202	81	26.7	SED	SF-0034	OXI

SFDH-008	3	3.8	7955	half core	Au-AA24	ME-MS61	0.056	5.14	73.1	449	60	9.48	SED	SF-0034	OXI
SFDH-008	3.8	5	7956	half core	Au-AA24	ME-MS61	0.010	2.16	45.8	230	53	7.31	BRX	SF-0034	OXI
SFDH-008	5	6	7957	half core	Au-AA24	ME-MS61	0.055	2.74	94.8	245	118	15.9	BRX	SF-0034	OXI
SFDH-008	6	7	7958	half core	Au-AA24	ME-MS61	0.008	2.96	152.5	375	323	22.7	BRX	SF-0034	OXI
SFDH-008	7	8	7959	half core	Au-AA24	ME-MS61	0.006	1	172	67.3	177	6.37	BRX	SF-0034	OXI
SFDH-008	8	9	7960	half core	Au-AA24	ME-MS61	0.013	1.95	110	229	143	24	BRX	SF-0034	OXI
SFDH-008	9	10	7961	half core	Au-AA24	ME-MS61	0.050	3.63	185	280	435	33	BRX	SF-0034	OXI
SFDH-008	10	11	7963	half core	Au-AA24	ME-MS61	0.049	5.75	322	281	356	85.8	BRX	SF-0034	OXI
SFDH-008	11	11.8	7964	half core	Au-AA24	ME-MS61	0.020	3.67	423	39.1	318	2.99	SED	SF-0034	OXI
SFDH-008	11.8	13	7965	half core	Au-AA24	ME-MS61	0.003	0.39	598	6.6	442	0.57	SED	SF-0034	OXI
SFDH-008	13	14	7966	half core	Au-AA24	ME-MS61	0.003	0.07	207	5.4	799	0.34	SED	SF-0034	OXI
SFDH-008	14	14.85	7967	half core	Au-AA24	ME-MS61	0.003	0.15	427	10.3	496	1.12	BRX	SF-0034	OXI
SFDH-008	14.85	16	7968	half core	Au-AA24	ME-MS61	0.060	5.9	282	586	460	28.7	BRX	SF-0034	OXI
SFDH-008	16	17	7969	half core	Au-AA24	ME-MS61	0.012	1.9	203	206	180	1.31	BRX	SF-0034	OXI
SFDH-008	17	18	7970	half core	Au-AA24	ME-MS61	0.047	5.14	134	430	110	39.4	BRX	SF-0034	OXI
SFDH-008	18	19	7971	half core	Au-AA24	ME-MS61	0.020	0.58	143	71.5	133	1.25	BRX	SF-0034	OXI
SFDH-008	19	20	7973	half core	Au-AA24	ME-MS61	0.020	1.29	153	132	114	3.35	BRX	SF-0034	OXI
SFDH-008	20	21	7974	half core	Au-AA24	ME-MS61	0.230	6.35	156.5	719	118	111.5	BRX	SF-0034	OXI
SFDH-008	21	22	7975	half core	Au-AA24	ME-MS61	0.136	5.37	82	557	128	23.5	BRX	SF-0034	OXI
SFDH-008	22	23	7976	half core	Au-AA24	ME-MS61	2.330	7.82	272	1885	125	78.7	BRX	SF-0034	OXI
SFDH-008	23	24	7977	half core	Au-AA24	ME-MS61	0.725	11.5	442	3900	124	41.2	BRX	SF-0034	OXI
SFDH-008	24	25	7978	half core	Au-AA24	ME-MS61	0.248	7.47	221	8030	98	45.3	BRX	SF-0034	OXI
SFDH-008	25	26	7979	half core	Au-AA24	ME-MS61	0.052	4.38	75.1	2780	126	11.45	BRX	SF-0034	OXI
SFDH-008	26	27	7980	half core	Au-AA24	ME-MS61	0.032	2.63	92.8	587	403	7.8	BRX	SF-0034	OXI
SFDH-008	27	28	7981	half core	Au-AA24	ME-MS61	0.018	2.64	91.4	440	495	12.3	BRX	SF-0034	OXI
SFDH-008	28	29	7982	QC - QuarterCore	Au-AA24	ME-MS61	0.020	6.3	179	263	347	4.91	BRX	SF-0034	OXI
SFDH-008	29	30	7984	half core	Au-AA24	ME-MS61	0.084	7.57	234	904	145	49.5	BRX	SF-0034	OXI
SFDH-008	30	31	7985	half core	Au-AA24	ME-MS61	0.185	23.8	338	2020	206	196	BRX	SF-0034	OXI
SFDH-008	31	32	7986	half core	Au-AA24	ME-MS61	0.342	7.59	404	490	129	60.9	BRX	SF-0034	OXI
SFDH-008	32	33	7987	half core	Au-AA24	ME-MS61	0.173	10.85	419	978	196	48.6	BRX	SF-0034	OXI
SFDH-008	33	34	7988	half core	Au-AA24	ME-MS61	0.071	7.39	581	619	825	54.4	BRX	SF-0034	OXI
SFDH-008	34	35	7989	half core	Au-AA24	ME-MS61	0.003	2.79	656	105.5	716	1.3	BRX	SF-0034	OXI
SFDH-008	35	35.7	7990	half core	Au-AA24	ME-MS61	0.018	0.75	1515	37.9	552	1.84	BRX	SF-0034	OXI
SFDH-008	35.7	37	7991	half core	Au-AA24	ME-MS61	0.057	5.71	957	356	747	54.3	INT	SF-0034	OXI
SFDH-008	37	38	7993	half core	Au-AA24	ME-MS61	0.031	6.72	818	653	828	19.85	INT	SF-0034	OXI
SFDH-008	38	39	7994	half core	Au-AA24	ME-MS61	0.009	1.3	457	62.6	686	2.07	INT	SF-0034	OXI
SFDH-008	39	40	7995	half core	Au-AA24	ME-MS61	0.023	2.18	603	45.4	271	5.76	BRX	SF-0034	MIX
SFDH-008	40	41	7996	half core	Au-AA24	ME-MS61	0.021	5.48	549	234	398	47.9	BRX	SF-0034	MIX
SFDH-008	41	42	7997	half core	Au-AA24	ME-MS61	0.058	5.36	231	859	272	26	BRX	SF-0034	MIX
SFDH-008	42	43.5	7998	half core	Au-AA24	ME-MS61	0.035	7.66	362	785	603	32	BRX	SF-0034	MIX
SFDH-008	43.5	45	7999	half core	Au-AA24	ME-MS61	0.085	11.35	149	1010	153	34.9	BRX	SF-0034	MIX
SFDH-008	45	46	8000	half core	Au-AA24	ME-MS61	0.054	3.81	182.5	857	336	7.33	BRX	SF-0034	MIX
SFDH-008	46	47	8001	half core	Au-AA24	ME-MS61	0.049	3.55	132	674	249	4.06	BRX	SF-0034	MIX

SFDH-008	47	48	8003	half core	Au-AA24	ME-MS61	0.097	13.5	167.5	2180	170	30.3	BRX	SF-0034	MIX
SFDH-008	48	49	8004	half core	Au-AA24	ME-MS61	0.140	22.1	344	2340	443	61.1	BRX	SF-0034	MIX
SFDH-008	49	50	8005	half core	Au-AA24	ME-MS61	0.097	12.35	223	1970	388	96.8	BRX	SF-0034	MIX
SFDH-008	50	51	8006	half core	Au-AA24	ME-MS61	0.255	29.4	515	2530	665	187	BRX	SF-0034	MIX
SFDH-008	51	52	8007	half core	Au-AA24	ME-MS61	0.111	5.86	242	1630	413	14.1	BRX	SF-0034	MIX
SFDH-008	52	53	8008	half core	Au-AA24	ME-MS61	0.119	9.29	398	1630	561	27.7	BRX	SF-0034	MIX
SFDH-008	53	54	8009	half core	Au-AA24	ME-MS61	0.047	4.87	375	593	546	9.76	BRX	SF-0034	MIX
SFDH-008	54	55	8010	half core	Au-AA24	ME-MS61	0.054	3.38	501	913	663	7.21	BRX	SF-0034	MIX
SFDH-008	55	56	8011	half core	Au-AA24	ME-MS61	0.032	2.07	432	316	711	3.95	BRX	SF-0034	MIX
SFDH-008	56	57	8012	half core	Au-AA24	ME-MS61	0.006	0.93	412	75.8	652	1.23	BRX	SF-0034	MIX
SFDH-008	57	58	8013	half core	Au-AA24	ME-MS61	0.006	0.79	262	112	419	1.66	BRX	SF-0034	MIX
SFDH-008	58	59	8014	half core	Au-AA24	ME-MS61	0.008	2.14	375	180.5	575	11.55	BRX	SF-0034	MIX
SFDH-008	59	60	8015	half core	Au-AA24	ME-MS61	0.062	23	1550	1585	1920	59.8	BRX	SF-0034	MIX
SFDH-008	60	61	8016	half core	Au-AA24	ME-MS61	0.045	16.1	499	2000	5270	36.5	BRX	SF-0034	MIX
SFDH-008	61	62	8017	half core	Au-AA24	ME-MS61	0.051	7.16	501	1065	3190	25.5	BRX	SF-0034	MIX
SFDH-008	62	62.78	8018	half core	Au-AA24	ME-MS61	0.034	3.04	168.5	473	6090	7.63	BRX	SF-0034	SUP
SFDH-008	62.78	64	8020	half core	Au-AA24	ME-MS61	0.796	85.7	4020	3000	958	1430	BRX	SF-0034	SUP
SFDH-008	64	65	8021	half core	Au-AA24	ME-MS61	0.531	77.5	1560	3720	648	1050	BRX	SF-0034	SUP
SFDH-008	65	66	8022	half core	Au-AA24	ME-MS61	0.433	143	9620	4440	1460	2880	BRX	SF-0034	SUP
SFDH-008	66	67	8023	half core	Au-AA24	ME-MS61	4.940	211	7580	4950	688	2850	BRX	SF-0034	SUP
SFDH-008	67	68	8024	half core	Au-AA24	ME-MS61	6.550	18.3	3170	633	4080	84.9	BRX	SF-0034	SUP
SFDH-008	68	69	8025	half core	Au-AA24	ME-MS61	4.510	63.6	15650	1750	609	123	BRX	SF-0034	HYP
SFDH-008	69	70	8026	half core	Au-AA24	ME-MS61	1.745	89.2	11150	1200	1370	377	BRX	SF-0034	HYP
SFDH-008	70	71	8027	half core	Au-AA24	ME-MS61	3.500	23.6	6890	374	992	37.3	BRX	SF-0034	HYP
SFDH-008	71	72	8028	half core	Au-AA24	ME-MS61	3.130	22.7	5280	453	1240	46.8	BRX	SF-0034	HYP
SFDH-008	72	73	8029	half core	Au-AA24	ME-MS61	0.964	57.7	4180	3790	273	98.3	BRX	SF-0034	HYP
SFDH-008	73	74	8031	half core	Au-AA24	ME-MS61	1.885	78	6200	2520	686	45	BRX	SF-0035	HYP
SFDH-008	74	75	8032	half core	Au-AA24	ME-MS61	1.250	38.6	4020	2860	438	39.5	BRX	SF-0035	HYP
SFDH-008	75	76	8033	half core	Au-AA24	ME-MS61	2.270	52.9	2080	9410	690	66.6	BRX	SF-0035	HYP
SFDH-008	76	77	8034	half core	Au-AA24	ME-MS61	1.905	127	8440	2340	2830	12.45	BRX	SF-0035	HYP
SFDH-008	77	78	8035	half core	Au-AA24	ME-MS61	1.750	24.1	2890	2570	937	13.2	BRX	SF-0035	HYP
SFDH-008	78	79	8036	half core	Au-AA24	ME-MS61	1.090	30.3	2620	2590	674	4.33	BRX	SF-0035	HYP
SFDH-008	79	80	8037	half core	Au-AA24	ME-MS61	0.401	38.1	3370	7670	2350	14.7	BRX	SF-0035	HYP
SFDH-008	80	81	8038	half core	Au-AA24	ME-MS61	0.507	10.55	869	2140	2060	2.02	BRX	SF-0035	HYP
SFDH-008	81	82	8040	half core	Au-AA24	ME-MS61	0.237	29.1	834	15900	981	13.45	BRX	SF-0035	HYP
SFDH-008	82	83	8041	half core	Au-AA24	ME-MS61	0.103	19.75	1185	9660	836	7.4	BRX	SF-0035	HYP
SFDH-008	83	84	8042	half core	Au-AA24	ME-MS61	0.154	19.95	2540	12000	2970	7.23	BRX	SF-0035	HYP
SFDH-008	84	85	8043	half core	Au-AA24	ME-MS61	0.563	9.77	359	8540	858	9.27	BRX	SF-0035	HYP
SFDH-008	85	86	8044	half core	Au-AA24	ME-MS61	0.061	2.84	291	617	556	1.97	BRX	SF-0035	HYP
SFDH-008	86	87	8045	half core	Au-AA24	ME-MS61	0.153	2.57	402	921	1650	2.51	BRX	SF-0035	HYP
SFDH-008	87	88	8046	half core	Au-AA24	ME-MS61	0.200	4.4	380	1170	1110	2.48	BRX	SF-0035	HYP
SFDH-008	88	89	8047	half core	Au-AA24	ME-MS61	0.207	5.62	412	255	190	1.94	BRX	SF-0035	HYP
SFDH-008	89	90	8048	half core	Au-AA24	ME-MS61	0.196	3.44	232	505	621	1.85	BRX	SF-0035	HYP

SFDH-008	90	91	8050	half core	Au-AA24	ME-MS61	0.091	2.34	347	710	150	0.92	BRX	SF-0035	HYP
SFDH-008	91	92	8051	half core	Au-AA24	ME-MS61	0.311	3.12	746	510	611	1.33	BRX	SF-0035	HYP
SFDH-008	92	93	8052	half core	Au-AA24	ME-MS61	0.251	10.15	1745	3110	942	7.02	BRX	SF-0035	HYP
SFDH-008	93	94	8053	half core	Au-AA24	ME-MS61	0.056	4.74	1960	1295	255	2.38	BRX	SF-0035	HYP
SFDH-008	94	95	8054	half core	Au-AA24	ME-MS61	0.748	11	3150	4290	113	7.06	BRX	SF-0035	HYP
SFDH-008	95	96	8055	half core	Au-AA24	ME-MS61	0.279	3.72	763	1115	48	3.22	BRX	SF-0035	HYP
SFDH-008	96	97	8056	half core	Au-AA24	ME-MS61	0.133	3.83	1215	616	408	2.5	BRX	SF-0035	HYP
SFDH-008	97	98	8057	half core	Au-AA24	ME-MS61	0.127	3.86	894	527	38	2.32	BRX	SF-0035	HYP
SFDH-008	98	99	8058	half core	Au-AA24	ME-MS61	0.045	2.06	695	280	29	1.42	BRX	SF-0035	HYP
SFDH-008	99	100	8059	QC - QuarterCore	Au-AA24	ME-MS61	0.061	1.87	507	63.3	27	1.19	BRX	SF-0035	HYP
SFDH-008	100	101	8061	half core	Au-AA24	ME-MS61	0.816	12.5	4130	304	109	8.4	BRX	SF-0035	HYP
SFDH-008	101	102	8062	half core	Au-AA24	ME-MS61	0.091	9.53	1130	92.5	35	11.65	BRX	SF-0035	HYP
SFDH-008	102	103	8063	half core	Au-AA24	ME-MS61	0.160	4.86	934	36.2	48	2.29	BRX	SF-0035	HYP
SFDH-008	103	104	8064	half core	Au-AA24	ME-MS61	0.031	1.28	525	17	22	1	BRX	SF-0035	HYP
SFDH-008	104	105	8065	half core	Au-AA24	ME-MS61	0.055	1.76	315	36.5	30	1.31	BRX	SF-0035	HYP
SFDH-008	105	106	8066	half core	Au-AA24	ME-MS61	2.630	7.42	62	1170	2380	13.3	BRX	SF-0035	HYP
SFDH-008	106	107	8067	half core	Au-AA24	ME-MS61	1.150	5.98	657	425	955	6.56	BRX	SF-0035	HYP
SFDH-008	107	108	8068	half core	Au-AA24	ME-MS61	0.248	4.68	2100	51.9	155	0.91	BRX	SF-0035	HYP
SFDH-008	108	109	8070	half core	Au-AA24	ME-MS61	0.134	6.08	108.5	74.9	50	39.7	BRX	SF-0035	HYP
SFDH-008	109	110	8071	half core	Au-AA24	ME-MS61	0.196	1.79	607	11.6	32	1.15	BRX	SF-0035	HYP
SFDH-008	110	111	8072	half core	Au-AA24	ME-MS61	0.198	1.05	175	18	43	1.47	BRX	SF-0035	HYP
SFDH-008	111	112	8073	half core	Au-AA24	ME-MS61	0.107	0.39	71	5.4	27	0.44	BRX	SF-0035	HYP
SFDH-008	112	113	8074	half core	Au-AA24	ME-MS61	0.166	0.93	145	22.7	27	1.61	BRX	SF-0035	HYP
SFDH-008	113	114	8075	half core	Au-AA24	ME-MS61	0.175	0.33	64.6	8	43	0.64	BRX	SF-0035	HYP
SFDH-008	114	115	8076	half core	Au-AA24	ME-MS61	0.600	33.4	4660	367	925	9.8	BRX	SF-0035	HYP
SFDH-008	115	116	8077	half core	Au-AA24	ME-MS61	0.940	21.6	10500	220	1440	9.6	BRX	SF-0035	HYP
SFDH-008	116	117	8078	half core	Au-AA24	ME-MS61	0.761	19.05	5940	242	369	10.95	BRX	SF-0035	HYP
SFDH-008	117	118	8080	half core	Au-AA24	ME-MS61	0.811	29.8	7680	354	508	26.4	BRX	SF-0035	HYP
SFDH-008	118	119	8081	half core	Au-AA24	ME-MS61	0.028	1.27	396	23.4	30	1.33	BRX	SF-0035	HYP
SFDH-008	119	120	8082	half core	Au-AA24	ME-MS61	0.587	10.8	1005	1375	1850	7.26	BRX	SF-0035	HYP
SFDH-008	120	121	8083	half core	Au-AA24	ME-MS61	0.554	35.3	6120	222	989	4.83	BRX	SF-0035	HYP
SFDH-008	121	122	8084	half core	Au-AA24	ME-MS61	0.325	7.74	938	353	1080	7.43	BRX	SF-0035	HYP
SFDH-008	122	123	8085	half core	Au-AA24	ME-MS61	0.813	59.3	5740	2590	15600	36.5	BRX	SF-0035	HYP
SFDH-008	123	124	8086	half core	Au-AA24	ME-MS61	0.491	100	4740	10000	2580	146.5	BRX	SF-0035	HYP
SFDH-008	124	125	8087	half core	Au-AA24	ME-MS61	0.110	85.4	1835	23000	2350	110	BRX	SF-0035	HYP
SFDH-008	125	126	8088	half core	Au-AA24	ME-MS61	0.207	37	2210	1740	2280	12.5	BRX	SF-0035	HYP
SFDH-008	126	127	8089	QC - QuarterCore	Au-AA24	ME-MS61	0.050	28.1	3950	5100	11750	28.9	BRX	SF-0035	HYP
SFDH-008	127	128	8091	half core	Au-AA24	ME-MS61	0.235	17.15	3420	3220	7440	5.7	BRX	SF-0035	HYP
SFDH-008	128	129	8092	half core	Au-AA24	ME-MS61	0.848	19.7	4020	593	527	8.55	BRX	SF-0035	HYP
SFDH-008	129	130	8093	half core	Au-AA24	ME-MS61	0.352	18.25	7090	1820	1480	2.55	BRX	SF-0035	HYP
SFDH-008	130	131	8094	half core	Au-AA24	ME-MS61	0.122	6.89	2760	2420	414	3.6	BRX	SF-0035	HYP
SFDH-008	131	132	8095	half core	Au-AA24	ME-MS61	0.048	7.13	1920	2150	120	7.51	BRX	SF-0035	HYP
SFDH-008	132	133	8096	half core	Au-AA24	ME-MS61	0.727	16.85	6140	2890	767	9.6	BRX	SF-0035	HYP

SFDH-008	133	134	8097	half core	Au-AA24	ME-MS61	1.405	34.9	10000	3640	1860	12.55	BRX	SF-0035	HYP
SFDH-008	134	135	8098	half core	Au-AA24	ME-MS61	0.452	8.4	1120	840	191	8.74	BRX	SF-0035	HYP
SFDH-008	135	136	8100	half core	Au-AA24	ME-MS61	0.407	11.3	2620	2340	532	11.8	BRX	SF-0035	HYP
SFDH-008	136	137	8101	half core	Au-AA24	ME-MS61	1.270	34.2	15200	1430	1780	11.6	BRX	SF-0035	HYP
SFDH-008	137	138	8102	half core	Au-AA24	ME-MS61	1.205	35.5	8150	211	856	4.45	BRX	SF-0035	HYP
SFDH-008	138	139	8103	half core	Au-AA24	ME-MS61	1.095	32.1	7660	334	787	1.69	BRX	SF-0035	HYP
SFDH-008	139	140	8104	half core	Au-AA24	ME-MS61	0.479	6.38	2440	473	367	1.32	BRX	SF-0035	HYP
SFDH-008	140	141	8105	half core	Au-AA24	ME-MS61	0.762	8.73	3970	354	365	1.4	BRX	SF-0035	HYP
SFDH-008	141	142	8106	half core	Au-AA24	ME-MS61	0.655	10.8	7330	518	609	1.26	BRX	SF-0035	HYP
SFDH-008	142	143	8108	half core	Au-AA24	ME-MS61	0.381	4.55	1685	666	61	1.93	BRX	SF-0036	HYP
SFDH-008	143	144	8109	half core	Au-AA24	ME-MS61	0.492	3.19	1080	1120	53	3.46	BRX	SF-0036	HYP
SFDH-008	144	145	8110	half core	Au-AA24	ME-MS61	0.226	2.18	954	564	50	4.16	BRX	SF-0036	HYP
SFDH-008	145	146	8111	half core	Au-AA24	ME-MS61	0.767	4.89	1475	1590	1320	7.48	BRX	SF-0036	HYP
SFDH-008	146	147	8112	half core	Au-AA24	ME-MS61	0.158	2.42	553	501	697	3.13	BRX	SF-0036	HYP
SFDH-008	147	148	8113	half core	Au-AA24	ME-MS61	0.513	6.03	1165	980	1770	8.71	BRX	SF-0036	HYP
SFDH-008	148	149	8114	half core	Au-AA24	ME-MS61	1.240	5.93	1690	1250	869	7.39	BRX	SF-0036	HYP
SFDH-008	149	150	8115	half core	Au-AA24	ME-MS61	0.664	7.23	1350	1920	152	11.45	BRX	SF-0036	HYP
SFDH-008	150	151	8117	half core	Au-AA24	ME-MS61	1.390	15.65	5350	4080	612	20.3	BRX	SF-0036	HYP
SFDH-008	151	152	8118	half core	Au-AA24	ME-MS61	0.561	3.41	219	972	803	5.61	BRX	SF-0036	HYP
SFDH-008	152	153	8119	half core	Au-AA24	ME-MS61	0.563	8.07	2560	899	1060	10.85	BRX	SF-0036	HYP
SFDH-008	153	154	8120	half core	Au-AA24	ME-MS61	1.005	13.65	3400	2620	1980	19.6	BRX	SF-0036	HYP
SFDH-008	154	155	8121	half core	Au-AA24	ME-MS61	0.580	22.4	3730	3520	2920	38.3	BRX	SF-0036	HYP
SFDH-008	155	156	8122	half core	Au-AA24	ME-MS61	1.130	8.33	3690	2210	175	7.72	BRX	SF-0036	HYP
SFDH-008	156	157	8123	half core	Au-AA24	ME-MS61	0.883	3.54	428	404	349	5.29	BRX	SF-0036	HYP
SFDH-008	157	158	8124	half core	Au-AA24	ME-MS61	0.403	3.64	1535	588	490	1.53	BRX	SF-0036	HYP
SFDH-008	158	159	8125	half core	Au-AA24	ME-MS61	1.215	35.8	4720	14750	7910	54.2	BRX	SF-0036	HYP
SFDH-008	159	160	8127	half core	Au-AA24	ME-MS61	0.244	15.4	3680	8590	2940	19.45	BRX	SF-0036	HYP
SFDH-008	160	161	8128	half core	Au-AA24	ME-MS61	0.220	5.7	645	1700	4660	6.71	BRX	SF-0036	HYP
SFDH-008	161	162	8129	half core	Au-AA24	ME-MS61	0.118	4.56	1955	1980	33300	2.68	BRX	SF-0036	HYP
SFDH-008	162	163	8130	half core	Au-AA24	ME-MS61	0.701	16.15	776	7630	9930	34.6	BRX	SF-0036	HYP
SFDH-008	163	164	8131	half core	Au-AA24	ME-MS61	0.499	9.33	912	3030	29800	10.9	BRX	SF-0036	HYP
SFDH-008	164	165	8132	half core	Au-AA24	ME-MS61	0.386	14.2	4620	6310	28700	5.13	BRX	SF-0036	HYP
SFDH-008	165	166	8133	half core	Au-AA24	ME-MS61	0.510	6.62	708	899	39800	4.88	BRX	SF-0036	HYP
SFDH-008	166	167	8134	half core	Au-AA24	ME-MS61	0.221	1.93	259	440	433	1.47	BRX	SF-0036	HYP
SFDH-008	167	168	8135	half core	Au-AA24	ME-MS61	0.155	0.99	151	87.4	67	0.44	BRX	SF-0036	HYP
SFDH-008	168	169	8136	QC - QuarterCore	Au-AA24	ME-MS61	0.312	2.88	1185	419	647	1.86	BRX	SF-0036	HYP
SFDH-008	169	170	8138	half core	Au-AA24	ME-MS61	1.185	10.45	2300	717	375	4.21	BRX	SF-0036	HYP
SFDH-008	170	171	8139	half core	Au-AA24	ME-MS61	0.158	4.1	463	129.5	133	1.04	BRX	SF-0036	HYP
SFDH-008	171	172	8140	half core	Au-AA24	ME-MS61	0.610	13.15	2700	904	550	12.3	BRX	SF-0036	HYP
SFDH-008	172	173	8141	half core	Au-AA24	ME-MS61	0.213	11.2	2630	521	1060	3.06	BRX	SF-0036	HYP
SFDH-008	173	174	8142	half core	Au-AA24	ME-MS61	1.410	18.8	3360	1260	1050	4.41	BRX	SF-0036	HYP
SFDH-008	174	175	8143	half core	Au-AA24	ME-MS61	0.977	17.3	2550	512	302	9.01	BRX	SF-0036	HYP
SFDH-008	175	176	8144	half core	Au-AA24	ME-MS61	0.314	11.15	1270	629	104	0.88	BRX	SF-0036	HYP

SFDH-008	176	177	8145	half core	Au-AA24	ME-MS61	0.164	6.95	859	355	57	1.49	BRX	SF-0036	HYP
SFDH-008	177	178	8147	half core	Au-AA24	ME-MS61	1.520	65.1	7940	1825	437	22.3	BRX	SF-0036	HYP
SFDH-008	178	179	8148	half core	Au-AA24	ME-MS61	0.554	44.8	3960	234	200	7.67	BRX	SF-0036	HYP
SFDH-008	179	180	8149	half core	Au-AA24	ME-MS61	0.145	16.2	2070	118.5	146	1.52	BRX	SF-0036	HYP
SFDH-008	180	181	8150	half core	Au-AA24	ME-MS61	0.280	15.65	2180	226	156	3.87	BRX	SF-0036	HYP
SFDH-008	181	182	8151	half core	Au-AA24	ME-MS61	0.554	14.8	2360	153	149	5.46	BRX	SF-0036	HYP
SFDH-008	182	183	8152	half core	Au-AA24	ME-MS61	0.601	7.88	1610	148.5	119	4.47	BRX	SF-0036	HYP
SFDH-008	183	184	8153	half core	Au-AA24	ME-MS61	0.180	11.15	1700	62.3	95	1.78	BRX	SF-0036	HYP
SFDH-008	184	185	8154	half core	Au-AA24	ME-MS61	0.994	28.4	8030	157.5	270	4.95	BRX	SF-0036	HYP
SFDH-008	185	186	8155	half core	Au-AA24	ME-MS61	0.496	26.2	3960	299	304	6.26	BRX	SF-0036	HYP
SFDH-008	186	187	8157	half core	Au-AA24	ME-MS61	0.686	19.1	3370	850	102	13.4	BRX	SF-0036	HYP
SFDH-008	187	188	8158	half core	Au-AA24	ME-MS61	0.333	8.5	1785	449	69	4.79	BRX	SF-0036	HYP
SFDH-008	188	189	8159	half core	Au-AA24	ME-MS61	0.277	6.39	730	570	49	7.79	BRX	SF-0036	HYP
SFDH-008	189	190	8160	half core	Au-AA24	ME-MS61	0.127	8.3	1920	233	88	3.88	BRX	SF-0036	HYP
SFDH-008	190	191	8161	half core	Au-AA24	ME-MS61	0.580	28.2	6180	271	320	9.67	BRX	SF-0036	HYP
SFDH-008	191	192	8162	half core	Au-AA24	ME-MS61	1.125	66.6	3850	775	347	34.6	BRX	SF-0036	HYP
SFDH-008	192	193	8163	half core	Au-AA24	ME-MS61	0.986	35.5	4630	692	582	19.65	BRX	SF-0036	HYP
SFDH-008	193	194	8164	half core	Au-AA24	ME-MS61	1.260	27.3	5620	383	263	15.2	BRX	SF-0036	HYP
SFDH-008	194	195	8165	half core	Au-AA24	ME-MS61	0.426	15.65	3120	383	129	7.94	BRX	SF-0036	HYP
SFDH-008	195	196	8166	QC - QuarterCore	Au-AA24	ME-MS61	0.615	20.8	2960	839	232	21.3	BRX	SF-0036	HYP
SFDH-008	196	197	8168	half core	Au-AA24	ME-MS61	0.258	31.6	6610	152	629	6.5	BRX	SF-0036	HYP
SFDH-008	197	198	8169	half core	Au-AA24	ME-MS61	0.861	35.3	4340	359	667	12.65	BRX	SF-0036	HYP
SFDH-008	198	199	8170	half core	Au-AA24	ME-MS61	0.834	10.8	850	244	94	9.91	BRX	SF-0036	HYP
SFDH-008	199	200	8171	half core	Au-AA24	ME-MS61	0.515	18.9	3170	379	127	16	BRX	SF-0036	HYP
SFDH-008	200	201	8172	half core	Au-AA24	ME-MS61	0.558	57.5	3950	1480	144	86.8	BRX	SF-0036	HYP
SFDH-008	201	202	8173	half core	Au-AA24	ME-MS61	0.213	16.65	2580	732	159	23	BRX	SF-0036	HYP
SFDH-008	202	203	8174	half core	Au-AA24	ME-MS61	0.225	15.3	522	980	35	25.1	BRX	SF-0036	HYP
SFDH-008	203	204	8175	half core	Au-AA24	ME-MS61	0.168	19.65	502	276	33	31.9	BRX	SF-0036	HYP
SFDH-008	204	205	8177	half core	Au-AA24	ME-MS61	0.193	105	7600	1980	255	154	BRX	SF-0036	HYP
SFDH-008	205	206	8178	half core	Au-AA24	ME-MS61	0.164	129	15600	1700	2200	129.5	BRX	SF-0036	HYP
SFDH-008	206	207	8179	half core	Au-AA24	ME-MS61	0.083	55.1	4610	645	482	66.7	BRX	SF-0036	HYP
SFDH-008	207	208	8180	half core	Au-AA24	ME-MS61	0.145	49.6	7570	281	466	60.6	BRX	SF-0036	HYP
SFDH-008	208	209	8181	half core	Au-AA24	ME-MS61	0.153	42.7	8120	254	1060	41.5	BRX	SF-0036	HYP
SFDH-008	209	210	8182	half core	Au-AA24	ME-MS61	0.505	27.8	6850	122	191	36.3	BRX	SF-0036	HYP
SFDH-008	210	211	8183	half core	Au-AA24	ME-MS61	0.028	5.96	552	19.8	26	8.82	BRX	SF-0036	HYP
SFDH-008	211	212	8184	half core	Au-AA24	ME-MS61	0.025	5.74	2980	37.8	99	7.56	BRX	SF-0036	HYP
SFDH-008	212	213	8185	half core	Au-AA24	ME-MS61	0.062	78.7	6060	852	136	247	BRX	SF-0036	HYP
SFDH-008	213	214.4	8187	half core	Au-AA24	ME-MS61	0.214	22.1	7960	182	248	31.8	BRX	SF-0036	HYP
SFDH-008	214.4	215.4	8188	half core	Au-AA24	ME-MS61	0.231	39	3640	454	129	70.4	BRX	SF-0036	HYP
SFDH-009	0	1	8190	half core	Au-AA24	ME-MS61	0.008	0.63	81.8	20	379	1.43	BRX	SF-0037	OXI
SFDH-009	1	2	8191	half core	Au-AA24	ME-MS61	0.007	0.44	113.5	104.5	393	2.86	BRX	SF-0037	OXI
SFDH-009	2	3	8192	half core	Au-AA24	ME-MS61	0.015	1.34	78.6	313	291	12.5	BRX	SF-0037	OXI
SFDH-009	3	4	8193	half core	Au-AA24	ME-MS61	0.026	5.3	68.1	703	335	13.6	BRX	SF-0037	OXI

SFDH-009	4	5	8194	half core	Au-AA24	ME-MS61	0.027	4.87	109.5	480	272	7	BRX	SF-0037	OXI
SFDH-009	5	6	8195	half core	Au-AA24	ME-MS61	0.056	4.98	183.5	717	709	14.55	BRX	SF-0037	OXI
SFDH-009	6	7	8196	half core	Au-AA24	ME-MS61	0.064	3.06	179	343	418	10.1	BRX	SF-0037	OXI
SFDH-009	7	8	8197	half core	Au-AA24	ME-MS61	0.011	0.93	233	7.8	118	0.31	BRX	SF-0037	OXI
SFDH-009	8	9	8199	half core	Au-AA24	ME-MS61	0.005	0.32	260	18.8	165	0.28	BRX	SF-0037	OXI
SFDH-009	9	10	8200	half core	Au-AA24	ME-MS61	0.010	0.9	99.9	72.7	134	4.18	BRX	SF-0037	OXI
SFDH-009	10	11	8201	half core	Au-AA24	ME-MS61	0.015	1.74	69.4	318	31	12.05	BRX	SF-0037	OXI
SFDH-009	11	12	8202	half core	Au-AA24	ME-MS61	0.007	0.96	112.5	9.1	32	0.95	BRX	SF-0037	OXI
SFDH-009	12	13	8203	half core	Au-AA24	ME-MS61	0.042	1.92	99.6	292	102	10.1	BRX	SF-0037	OXI
SFDH-009	13	14	8204	half core	Au-AA24	ME-MS61	0.017	1.85	61.8	284	145	8.91	BRX	SF-0037	OXI
SFDH-009	14	15	8205	half core	Au-AA24	ME-MS61	0.014	1.35	87.9	44.7	116	2.88	BRX	SF-0037	OXI
SFDH-009	15	16	8206	half core	Au-AA24	ME-MS61	0.011	3.22	68.6	202	105	5.02	BRX	SF-0037	OXI
SFDH-009	16	17	8207	half core	Au-AA24	ME-MS61	0.019	1.04	99.9	85.3	97	0.99	BRX	SF-0037	OXI
SFDH-009	17	18	8209	half core	Au-AA24	ME-MS61	0.013	0.63	117	77.4	140	0.84	BRX	SF-0037	OXI
SFDH-009	18	19	8210	half core	Au-AA24	ME-MS61	0.018	1.3	222	285	204	2.57	BRX	SF-0037	OXI
SFDH-009	19	20	8211	half core	Au-AA24	ME-MS61	0.007	1.29	665	13.4	852	0.34	BRX	SF-0037	OXI
SFDH-009	20	21	8212	half core	Au-AA24	ME-MS61	0.006	0.69	361	48.4	419	0.75	BRX	SF-0037	OXI
SFDH-009	21	22	8213	half core	Au-AA24	ME-MS61	0.003	1.98	552	24.7	581	0.6	BRX	SF-0037	OXI
SFDH-009	22	23	8214	half core	Au-AA24	ME-MS61	0.003	1.57	942	57.7	523	1.22	BRX	SF-0037	OXI
SFDH-009	23	24	8215	half core	Au-AA24	ME-MS61	0.003	2.9	1500	24.8	889	0.66	BRX	SF-0037	OXI
SFDH-009	24	25	8216	half core	Au-AA24	ME-MS61	0.013	2.53	299	272	528	7.41	BRX	SF-0037	OXI
SFDH-009	25	26	8217	half core	Au-AA24	ME-MS61	0.061	2.82	258	770	837	11.4	BRX	SF-0037	OXI
SFDH-009	26	27	8218	QC - QuarterCore	Au-AA24	ME-MS61	0.177	4.69	110.5	1350	341	7.73	BRX	SF-0037	OXI
SFDH-009	27	29	8220	half core	Au-AA24	ME-MS61	0.033	2.66	214	543	657	6.18	BRX	SF-0037	OXI
SFDH-009	29	30	8221	half core	Au-AA24	ME-MS61	0.015	1.27	136	353	294	2.4	BRX	SF-0037	OXI
SFDH-009	30	31	8222	half core	Au-AA24	ME-MS61	0.106	5.4	118.5	986	86	12.55	BRX	SF-0037	OXI
SFDH-009	31	32	8223	half core	Au-AA24	ME-MS61	0.321	10.7	139.5	1185	262	58.9	BRX	SF-0037	OXI
SFDH-009	32	33	8224	half core	Au-AA24	ME-MS61	0.166	12.05	134	1565	82	42.7	BRX	SF-0037	OXI
SFDH-009	33	34	8225	half core	Au-AA24	ME-MS61	0.375	26	353	877	20	67.5	BRX	SF-0037	OXI
SFDH-009	34	35	8226	half core	Au-AA24	ME-MS61	0.635	48.6	337	2920	30	636	SED	SF-0037	OXI
SFDH-009	35	36	8227	half core	Au-AA24	ME-MS61	0.043	7.67	451	105.5	62	2.36	SED	SF-0037	OXI
SFDH-009	36	37.25	8229	half core	Au-AA24	ME-MS61	0.015	1.15	668	35.8	424	1.11	SED	SF-0037	OXI
SFDH-009	37.25	39	8230	half core	Au-AA24	ME-MS61	0.011	2.08	223	179	450	2.41	BRX	SF-0037	SUP
SFDH-009	39	40	8231	half core	Au-AA24	ME-MS61	0.040	6.23	324	220	768	4.59	BRX	SF-0037	SUP
SFDH-009	40	41	8232	half core	Au-AA24	ME-MS61	0.016	2.5	214	260	787	22.4	BRX	SF-0037	SUP
SFDH-009	41	42	8233	half core	Au-AA24	ME-MS61	0.013	1.02	177	220	702	2.78	BRX	SF-0037	SUP
SFDH-009	42	43	8234	half core	Au-AA24	ME-MS61	0.041	5.45	1020	193	3180	2.88	BRX	SF-0037	SUP
SFDH-009	43	44	8235	half core	Au-AA24	ME-MS61	0.025	2.72	280	332	590	5.67	BRX	SF-0037	SUP
SFDH-009	44	45	8236	half core	Au-AA24	ME-MS61	0.016	4.03	405	711	1300	2.26	BRX	SF-0037	HYP
SFDH-009	45	46	8237	half core	Au-AA24	ME-MS61	0.046	2.15	121.5	861	449	2.48	BRX	SF-0037	HYP
SFDH-009	46	47	8239	half core	Au-AA24	ME-MS61	0.294	11.4	257	1760	265	13.6	BRX	SF-0037	HYP
SFDH-009	47	48	8240	half core	Au-AA24	ME-MS61	0.320	48.6	240	2180	103	2320	BRX	SF-0037	HYP
SFDH-009	48	49	8241	half core	Au-AA24	ME-MS61	0.011	1.95	197	136.5	325	2.83	BRX	SF-0037	HYP

SFDH-009	49	50.7	8242	half core	Au-AA24	ME-MS61	0.013	3.26	431	187.5	601	4	BRX	SF-0037	HYP
SFDH-009	50.7	52	8243	half core	Au-AA24	ME-MS61	0.016	2.89	621	239	678	5.75	INT	SF-0037	UNK
SFDH-009	52	54	8244	half core	Au-AA24	ME-MS61	0.006	0.74	732	19.9	846	1.45	INT	SF-0037	UNK
SFDH-009	54	56	8245	half core	Au-AA24	ME-MS61	0.005	0.08	831	5.5	468	0.44	INT	SF-0037	UNK
SFDH-009	56	58	8246	half core	Au-AA24	ME-MS61	0.017	0.56	389	45.7	670	1.44	INT	SF-0037	UNK
SFDH-009	58	60	8247	half core	Au-AA24	ME-MS61	0.015	2.74	746	265	1420	8.15	INT	SF-0037	UNK
SFDH-009	60	62	8249	half core	Au-AA24	ME-MS61	0.018	3.8	249	982	4620	8.88	INT	SF-0037	UNK
SFDH-009	62	64	8250	half core	Au-AA24	ME-MS61	0.099	5.52	550	693	2070	42.8	INT	SF-0037	UNK
SFDH-009	64	66	8251	half core	Au-AA24	ME-MS61	0.018	2.77	240	201	360	36.9	INT	SF-0037	UNK
SFDH-009	66	68	8252	half core	Au-AA24	ME-MS61	0.011	0.41	96.4	56.2	174	2.36	INT	SF-0037	UNK
SFDH-009	68	68.8	8253	half core	Au-AA24	ME-MS61	0.045	3.73	711	309	486	31	BRX	SF-0037	HYP
SFDH-009	68.8	70	8254	half core	Au-AA24	ME-MS61	0.283	13.85	2370	900	1330	267	BRX	SF-0037	HYP
SFDH-009	70	71	8255	half core	Au-AA24	ME-MS61	0.607	17.7	5710	395	339	938	BRX	SF-0037	HYP
SFDH-009	71	72	8256	half core	Au-AA24	ME-MS61	0.610	81.8	6020	2620	2050	4690	BRX	SF-0037	HYP
SFDH-009	72	73	8257	half core	Au-AA24	ME-MS61	0.526	74.5	13150	2280	2560	2210	BRX	SF-0037	HYP
SFDH-009	73	74.7	8259	half core	Au-AA24	ME-MS61	4.640	94.1	10200	2370	1060	8630	BRX	SF-0037	HYP
SFDH-009	74.7	76	8260	half core	Au-AA24	ME-MS61	0.127	2.83	475	429	949	26.4	INT	SF-0037	UNK
SFDH-009	76	78	8261	half core	Au-AA24	ME-MS61	0.024	2.94	400	362	807	17.7	INT	SF-0037	UNK
SFDH-009	78	80	8262	half core	Au-AA24	ME-MS61	0.089	4.55	697	870	3430	20	INT	SF-0037	UNK
SFDH-009	80	82	8263	half core	Au-AA24	ME-MS61	0.146	31.6	1950	2500	1580	126	INT	SF-0037	UNK
SFDH-009	82	84	8264	half core	Au-AA24	ME-MS61	0.021	1.6	135.5	84.5	122	6.75	INT	SF-0037	UNK
SFDH-009	84	86	8265	half core	Au-AA24	ME-MS61	0.031	0.66	167.5	35.1	216	4.2	INT	SF-0037	UNK
SFDH-009	86	88	8267	half core	Au-AA24	ME-MS61	0.021	0.46	155.5	30.6	175	1.9	INT	SF-0038	UNK
SFDH-009	88	90	8268	half core	Au-AA24	ME-MS61	0.023	1.51	162.5	441	1010	7.59	INT	SF-0038	UNK
SFDH-009	90	92	8269	half core	Au-AA24	ME-MS61	0.018	6.34	611	665	1560	30	INT	SF-0038	UNK
SFDH-009	92	94	8270	half core	Au-AA24	ME-MS61	0.015	1.72	131	421	707	7.08	INT	SF-0038	UNK
SFDH-009	94	96	8271	half core	Au-AA24	ME-MS61	0.035	0.61	103	55.3	64	4.6	INT	SF-0038	UNK
SFDH-009	96	98	8272	half core	Au-AA24	ME-MS61	0.013	1.03	127.5	381	1060	2.52	INT	SF-0038	UNK
SFDH-009	98	100	8273	half core	Au-AA24	ME-MS61	0.017	0.41	182	79.4	121	0.82	INT	SF-0038	UNK
SFDH-009	100	102	8274	half core	Au-AA24	ME-MS61	0.014	0.43	214	34.6	70	2.48	INT	SF-0038	UNK
SFDH-009	102	104	8276	half core	Au-AA24	ME-MS61	0.026	0.44	112.5	18.4	55	2.81	INT	SF-0038	UNK
SFDH-009	104	105.7	8277	half core	Au-AA24	ME-MS61	0.018	0.55	105.5	63.2	94	4.47	INT	SF-0038	UNK
SFDH-009	105.7	107	8278	half core	Au-AA24	ME-MS61	0.018	1.08	123.5	70.9	131	5.86	SED	SF-0038	UNK
SFDH-009	107	109	8279	half core	Au-AA24	ME-MS61	0.291	10.6	1985	1105	262	41.8	SED	SF-0038	UNK
SFDH-009	109	111	8280	half core	Au-AA24	ME-MS61	0.062	11.8	391	646	133	469	SED	SF-0038	UNK
SFDH-009	111	113	8281	half core	Au-AA24	ME-MS61	0.013	0.4	151.5	14	76	2.96	SED	SF-0038	UNK
SFDH-009	113	115	8282	half core	Au-AA24	ME-MS61	0.018	0.68	163.5	32.4	108	3.46	SED	SF-0038	UNK
SFDH-009	115	117	8283	half core	Au-AA24	ME-MS61	0.016	0.99	129.5	46.8	64	3.09	SED	SF-0038	UNK
SFDH-009	117	119	8284	half core	Au-AA24	ME-MS61	0.016	3.24	311	122.5	64	18	SED	SF-0038	UNK
SFDH-009	119	121	8286	half core	Au-AA24	ME-MS61	0.009	0.79	174	31.8	77	2.52	SED	SF-0038	UNK
SFDH-009	121	123	8287	half core	Au-AA24	ME-MS61	0.031	1.23	126.5	32.2	57	4.81	SED	SF-0038	UNK
SFDH-009	123	125	8288	half core	Au-AA24	ME-MS61	0.015	0.63	152.5	17	52	2.45	SED	SF-0038	UNK
SFDH-009	125	127	8289	half core	Au-AA24	ME-MS61	0.011	0.85	51.5	26.3	53	1.99	SED	SF-0038	UNK

SFDH-009	127	129	8290	half core	Au-AA24	ME-MS61	0.007	0.28	34.6	11.9	37	1.2	SED	SF-0038	UNK
SFDH-009	129	131	8291	half core	Au-AA24	ME-MS61	0.006	0.37	53.2	13	33	1.74	SED	SF-0038	UNK
SFDH-009	131	133	8292	half core	Au-AA24	ME-MS61	0.010	0.42	61.6	11.8	38	1.3	SED	SF-0038	UNK
SFDH-009	133	135	8293	half core	Au-AA24	ME-MS61	0.010	0.13	36.3	8.5	47	0.81	SED	SF-0038	UNK
SFDH-009	135	137	8294	half core	Au-AA24	ME-MS61	0.008	0.17	66.1	11.1	51	1.11	SED	SF-0038	UNK
SFDH-009	137	139	8295	QC - QuarterCore	Au-AA24	ME-MS61	0.003	0.1	29.8	10.3	49	0.57	SED	SF-0038	UNK
SFDH-009	139	141	8297	half core	Au-AA24	ME-MS61	0.006	0.2	67.1	20.1	59	0.9	SED	SF-0038	UNK
SFDH-009	141	143	8298	half core	Au-AA24	ME-MS61	0.008	1.9	370	127.5	345	9.54	SED	SF-0038	UNK
SFDH-009	143	145	8299	half core	Au-AA24	ME-MS61	0.022	0.82	105	72.4	92	4.75	SED	SF-0038	UNK
SFDH-009	145	146.5	8300	half core	Au-AA24	ME-MS61	0.005	0.37	85	18.6	63	0.71	SED	SF-0038	UNK
SFDH-010	0	1	8302	half core	Au-AA24	ME-MS61	0.014	0.85	48	113.5	186	3.67	SED	SF-0039	OXI
SFDH-010	1	2	8303	half core	Au-AA24	ME-MS61	0.033	1.2	39.7	211	200	11.15	SED	SF-0039	OXI
SFDH-010	2	3	8304	half core	Au-AA24	ME-MS61	0.024	1.26	156	245	193	16.8	SED	SF-0039	OXI
SFDH-010	3	4	8305	half core	Au-AA24	ME-MS61	0.006	0.83	134.5	154	176	2.42	SED	SF-0039	OXI
SFDH-010	4	5	8306	half core	Au-AA24	ME-MS61	0.025	0.72	68.6	102	209	1.5	SED	SF-0039	OXI
SFDH-010	5	6	8307	half core	Au-AA24	ME-MS61	0.010	0.92	259	166.5	233	1.79	SED	SF-0039	OXI
SFDH-010	6	7	8308	half core	Au-AA24	ME-MS61	0.040	1.8	100.5	232	189	14.45	SED	SF-0039	OXI
SFDH-010	7	8	8309	half core	Au-AA24	ME-MS61	0.037	1.72	44.5	301	73	19.5	SED	SF-0039	OXI
SFDH-010	8	9	8311	half core	Au-AA24	ME-MS61	0.026	3.07	75.8	212	80	10.8	SED	SF-0039	OXI
SFDH-010	9	10	8312	half core	Au-AA24	ME-MS61	0.017	1.66	55.6	140.5	180	2.4	SED	SF-0039	OXI
SFDH-010	10	11	8313	half core	Au-AA24	ME-MS61	0.010	1.04	161	125.5	142	7.08	SED	SF-0039	OXI
SFDH-010	11	12	8314	half core	Au-AA24	ME-MS61	0.005	1.58	654	6.9	182	0.37	SED	SF-0039	OXI
SFDH-010	12	13	8315	half core	Au-AA24	ME-MS61	0.036	3.04	238	438	111	269	SED	SF-0039	OXI
SFDH-010	13	14	8316	half core	Au-AA24	ME-MS61	0.034	2.94	89	220	49	88.3	SED	SF-0039	OXI
SFDH-010	14	15.6	8317	half core	Au-AA24	ME-MS61	0.003	0.65	63.6	20.8	60	0.67	SED	SF-0039	OXI
SFDH-010	15.6	17	8318	half core	Au-AA24	ME-MS61	0.014	1.67	56.3	213	76	3.44	BRX	SF-0039	OXI
SFDH-010	17	18	8319	half core	Au-AA24	ME-MS61	0.020	3.1	31.6	366	51	16.3	BRX	SF-0039	OXI
SFDH-010	18	19	8321	half core	Au-AA24	ME-MS61	0.065	6.69	83.1	686	585	11.8	BRX	SF-0039	OXI
SFDH-010	19	20	8322	half core	Au-AA24	ME-MS61	0.047	6.6	100.5	813	212	14.95	BRX	SF-0039	OXI
SFDH-010	20	21	8323	half core	Au-AA24	ME-MS61	0.045	6.32	50.9	847	34	322	BRX	SF-0039	OXI
SFDH-010	21	22	8324	half core	Au-AA24	ME-MS61	0.017	3.49	34.5	460	46	20	BRX	SF-0039	OXI
SFDH-010	22	23	8325	half core	Au-AA24	ME-MS61	0.013	1.22	116	105.5	232	2.72	BRX	SF-0039	OXI
SFDH-010	23	24	8326	half core	Au-AA24	ME-MS61	0.007	1.32	82.4	201	106	11.35	BRX	SF-0039	OXI
SFDH-010	24	25	8327	half core	Au-AA24	ME-MS61	0.007	1.05	84.1	142	192	14.2	BRX	SF-0039	OXI
SFDH-010	25	26	8328	half core	Au-AA24	ME-MS61	0.006	0.72	60.1	64.8	236	1.82	BRX	SF-0039	OXI
SFDH-010	26	27	8329	half core	Au-AA24	ME-MS61	0.036	3.74	222	486	758	11.3	BRX	SF-0039	OXI
SFDH-010	27	28	8330	QC - QuarterCore	Au-AA24	ME-MS61	0.197	6.27	106.5	1835	203	29.5	BRX	SF-0039	OXI
SFDH-010	28	30	8332	half core	Au-AA24	ME-MS61	0.037	2.26	163.5	477	541	3.03	BRX	SF-0039	OXI
SFDH-010	30	31	8333	half core	Au-AA24	ME-MS61	0.003	2.3	197.5	40.7	246	0.39	BRX	SF-0039	OXI
SFDH-010	31	32	8334	half core	Au-AA24	ME-MS61	0.028	3.99	125	867	135	8.97	BRX	SF-0039	OXI
SFDH-010	32	33	8335	half core	Au-AA24	ME-MS61	0.028	6.12	139	569	620	4.73	BRX	SF-0039	OXI
SFDH-010	33	34	8336	half core	Au-AA24	ME-MS61	0.062	7.66	122.5	1540	559	148	BRX	SF-0039	OXI
SFDH-010	34	35	8337	half core	Au-AA24	ME-MS61	0.015	1.64	123	172	91	1.05	BRX	SF-0039	OXI

SFDH-010	35	36	8338	half core	Au-AA24	ME-MS61	0.019	1.08	114	671	160	4.19	BRX	SF-0039	OXI
SFDH-010	36	37	8339	half core	Au-AA24	ME-MS61	0.021	2.05	144.5	396	154	2.94	BRX	SF-0039	MIX
SFDH-010	37	38	8341	half core	Au-AA24	ME-MS61	0.052	2.8	148.5	296	178	5.2	BRX	SF-0039	MIX
SFDH-010	38	39	8342	half core	Au-AA24	ME-MS61	1.570	13.05	3820	1410	136	171	BRX	SF-0039	MIX
SFDH-010	39	40	8343	half core	Au-AA24	ME-MS61	0.257	4.5	1080	760	177	16.05	BRX	SF-0039	MIX
SFDH-010	40	41	8344	half core	Au-AA24	ME-MS61	0.050	3.89	262	957	311	12.55	BRX	SF-0039	MIX
SFDH-010	41	42	8345	half core	Au-AA24	ME-MS61	0.707	162	9490	5180	829	1060	BRX	SF-0039	MIX
SFDH-010	42	43	8346	half core	Au-AA24	ME-MS61	0.216	7.46	716	1495	2180	28.5	BRX	SF-0039	MIX
SFDH-010	43	44	8347	half core	Au-AA24	ME-MS61	0.043	1.58	204	511	1980	2.68	BRX	SF-0039	MIX
SFDH-010	44	45	8348	half core	Au-AA24	ME-MS61	0.022	1.39	73.2	604	1820	3.42	BRX	SF-0039	MIX
SFDH-010	45	46	8349	half core	Au-AA24	ME-MS61	0.322	7.45	193	569	275	71	BRX	SF-0039	HYP
SFDH-010	46	47	8351	half core	Au-AA24	ME-MS61	0.372	16.55	92.7	1140	510	522	BRX	SF-0039	HYP
SFDH-010	47	48.35	8352	half core	Au-AA24	ME-MS61	0.212	15.55	314	683	418	347	BRX	SF-0039	HYP
SFDH-010	48.35	50	8353	half core	Au-AA24	ME-MS61	0.165	4	614	735	2620	42.5	INT	SF-0039	UNK
SFDH-010	50	51.3	8354	half core	Au-AA24	ME-MS61	0.007						INT	SF-0039	UNK
SFDH-010	51.3	53	8355	half core	Au-AA24	ME-MS61	0.065	3.32	178	401	1170	8.42	SED	SF-0039	UNK
SFDH-010	53	55	8356	half core	Au-AA24	ME-MS61	0.017						INT	SF-0039	UNK
SFDH-010	55	57	8357	half core	Au-AA24	ME-MS61	0.014	0.41	107.5	152	1070	0.96	INT	SF-0039	UNK
SFDH-010	57	59	8358	half core	Au-AA24	ME-MS61	0.021	1	210	222	1310	2.61	INT	SF-0039	UNK
SFDH-010	59	60.6	8359	half core	Au-AA24	ME-MS61	0.133	10.1	3030	1050	2370	377	INT	SF-0039	UNK
SFDH-010	60.6	62	8361	half core	Au-AA24	ME-MS61	0.841	136	8440	5990	2810	4610	BRX	SF-0039	HYP
SFDH-010	62	63	8362	half core	Au-AA24	ME-MS61	3.180	34.2	23600	775	654	1090	BRX	SF-0039	HYP
SFDH-010	63	64.14	8363	half core	Au-AA24	ME-MS61	1.220	46.1	16800	1675	2420	3430	BRX	SF-0039	HYP
SFDH-010	64.14	66	8364	half core	Au-AA24	ME-MS61	0.073	12.4	875	1120	2140	82.8	SED	SF-0039	UNK
SFDH-010	66	68	8365	half core	Au-AA24	ME-MS61	0.006	0.3	33.7	80.4	125	2.29	INT	SF-0039	UNK
SFDH-010	68	70	8366	half core	Au-AA24	ME-MS61	0.019	7.29	536	1040	2520	24.8	INT	SF-0039	UNK
SFDH-010	70	72	8367	half core	Au-AA24	ME-MS61	0.007						INT	SF-0039	UNK
SFDH-010	72	74	8368	half core	Au-AA24	ME-MS61	0.007						INT	SF-0039	UNK
SFDH-010	74	76	8369	half core	Au-AA24	ME-MS61	0.003						INT	SF-0039	UNK
SFDH-010	76	78	8371	half core	Au-AA24	ME-MS61	0.003						INT	SF-0039	UNK
SFDH-010	78	80	8372	half core	Au-AA24	ME-MS61	0.003						INT	SF-0039	UNK
SFDH-010	80	82	8373	half core	Au-AA24	ME-MS61	0.003						INT	SF-0039	UNK
SFDH-010	82	84	8374	half core	Au-AA24	ME-MS61	0.014						INT	SF-0039	UNK
SFDH-010	84	86	8375	half core	Au-AA24	ME-MS61	0.005						INT	SF-0039	UNK
SFDH-010	86	88	8376	half core	Au-AA24	ME-MS61	0.016	2.3	161	177.5	137	12	INT	SF-0039	UNK
SFDH-010	88	90	8377	half core	Au-AA24	ME-MS61	0.041	3.59	187	193.5	179	56.8	INT	SF-0039	UNK
SFDH-010	90	92	8379	half core	Au-AA24	ME-MS61	0.006	0.91	56.7	71.7	90	3.02	INT	SF-0040	UNK
SFDH-010	92	94	8380	half core	Au-AA24	ME-MS61	0.003	0.57	122.5	138	234	2.37	INT	SF-0040	UNK
SFDH-010	94	96	8381	half core	Au-AA24	ME-MS61	0.006	0.97	106.5	187.5	244	2.14	INT	SF-0040	UNK
SFDH-010	96	97	8382	half core	Au-AA24	ME-MS61	0.005	0.55	159.5	58.4	125	1.05	INT	SF-0040	UNK
SFDH-010	97	98	8383	half core	Au-AA24	ME-MS61	0.003	0.55	136	48.5	57	1.29	INT	SF-0040	UNK
SFDH-010	98	99.57	8384	half core	Au-AA24	ME-MS61	0.008	0.54	163.5	51.5	84	1.2	INT	SF-0040	UNK
SFDH-010	99.57	101	8385	half core	Au-AA24	ME-MS61	0.013	1.14	135.5	641	1120	2.02	INT	SF-0040	UNK

SFDH-010	101	102	8386	half core	Au-AA24	ME-MS61	0.007	0.94	63.8	368	778	1.97	INT	SF-0040	UNK
SFDH-010	102	103	8388	half core	Au-AA24	ME-MS61	0.040	5.91	895	755	1000	11.7	INT	SF-0040	HYP
SFDH-010	103	104	8389	half core	Au-AA24	ME-MS61	0.054	5.66	822	1170	2620	11.8	INT	SF-0040	HYP
SFDH-010	104	105.4	8390	half core	Au-AA24	ME-MS61	0.505	23	11950	603	702	287	INT	SF-0040	UNK
SFDH-010	105.4	107	8391	half core	Au-AA24	ME-MS61	0.003	0.11	55.6	9.7	69	0.69	INT	SF-0040	UNK
SFDH-010	107	109	8392	half core	Au-AA24	ME-MS61	0.003	0.14	11.1	8.1	66	0.58	INT	SF-0040	UNK
SFDH-010	109	111	8393	half core	Au-AA24	ME-MS61	0.011	0.27	206	19.1	67	0.61	INT	SF-0040	UNK
SFDH-010	111	113	8394	half core	Au-AA24	ME-MS61	0.003	0.09	78.5	16.4	53	0.22	INT	SF-0040	UNK
SFDH-010	113	115	8395	half core	Au-AA24	ME-MS61	0.003	0.09	21.7	16.8	52	0.36	INT	SF-0040	UNK
SFDH-010	115	117	8396	half core	Au-AA24	ME-MS61	0.003	0.06	12.3	20.9	51	0.22	INT	SF-0040	UNK
SFDH-010	117	119	8398	half core	Au-AA24	ME-MS61	0.003	0.04	17.3	16.5	54	0.13	INT	SF-0040	UNK
SFDH-010	119	121	8399	half core	Au-AA24	ME-MS61	0.003	0.12	19.3	46.8	130	0.25	INT	SF-0040	UNK
SFDH-010	121	123	8400	half core	Au-AA24	ME-MS61	0.003	0.04	7	16.8	41	0.1	INT	SF-0040	UNK
SFDH-010	123	125	8401	half core	Au-AA24	ME-MS61	0.003	0.08	29.9	84	166	0.17	INT	SF-0040	UNK
SFDH-010	125	127	8402	half core	Au-AA24	ME-MS61	0.003	0.36	13.1	22.1	49	4.43	INT	SF-0040	UNK
SFDH-010	127	129	8403	half core	Au-AA24	ME-MS61	0.003	0.03	11.5	16	49	0.13	INT	SF-0040	UNK
SFDH-010	129	131	8404	half core	Au-AA24	ME-MS61	0.003	0.06	11.9	18.6	42	0.14	INT	SF-0040	UNK
SFDH-010	131	133	8405	half core	Au-AA24	ME-MS61	0.003	0.05	16.8	15.2	46	0.14	INT	SF-0040	UNK
SFDH-010	133	135	8406	half core	Au-AA24	ME-MS61	0.003	0.04	7	22.5	46	0.15	INT	SF-0040	UNK
SFDH-010	135	137	8407	half core	Au-AA24	ME-MS61	0.005	0.05	7.8	14	47	0.31	INT	SF-0040	UNK
SFDH-010	137	139	8408	QC - QuarterCore	Au-AA24	ME-MS61	0.003	0.05	5.1	12.5	53	0.5	INT	SF-0040	UNK
SFDH-010	139	141	8410	half core	Au-AA24	ME-MS61	0.005	0.05	10.1	18.1	55	0.5	INT	SF-0040	UNK
SFDH-010	141	143	8411	half core	Au-AA24	ME-MS61	0.005	0.01	10.2	8.6	52	0.27	INT	SF-0040	UNK
SFDH-010	143	145	8412	half core	Au-AA24	ME-MS61	0.003	0.06	10.3	12.3	53	1.4	INT	SF-0040	UNK
SFDH-010	145	146.63	8413	half core	Au-AA24	ME-MS61	0.008	0.9	89.2	240	568	2.37	INT	SF-0040	UNK
SFDH-010	146.63	148	8414	half core	Au-AA24	ME-MS61	0.094	18.2	2100	899	1220	29.7	INT	SF-0040	UNK
SFDH-010	148	150	8415	half core	Au-AA24	ME-MS61	0.026	3.18	1535	512	2110	3.11	BRX	SF-0040	UNK
SFDH-010	150	152	8416	half core	Au-AA24	ME-MS61	0.090	41	528	1445	1810	132.5	BRX	SF-0040	UNK
SFDH-010	152	154	8418	half core	Au-AA24	ME-MS61	0.093	7.85	359	806	2110	30	BRX	SF-0040	UNK
SFDH-010	154	156	8419	half core	Au-AA24	ME-MS61	0.100	7.58	455	862	1970	14.05	BRX	SF-0040	UNK
SFDH-010	156	158	8420	half core	Au-AA24	ME-MS61	0.054	3.79	108	462	1370	12.2	BRX	SF-0040	UNK
SFDH-010	158	160	8421	half core	Au-AA24	ME-MS61	0.165	10.7	214	1315	2000	58.4	BRX	SF-0040	UNK
SFDH-010	160	162	8422	half core	Au-AA24	ME-MS61	0.125	6.27	198	934	1680	15.65	BRX	SF-0040	UNK
SFDH-010	162	164	8423	half core	Au-AA24	ME-MS61	0.104	6.86	133	1075	1800	20.7	BRX	SF-0040	UNK
SFDH-010	164	165	8424	half core	Au-AA24	ME-MS61	0.060	9.86	129	932	491	18.5	BRX	SF-0040	UNK
SFDH-010	165	166.42	8425	half core	Au-AA24	ME-MS61	0.182	12.55	406	2070	4500	27.4	BRX	SF-0040	UNK
SFDH-010	166.42	168	8426	half core	Au-AA24	ME-MS61	0.041	1.87	204	330	425	3.39	INT	SF-0040	UNK
SFDH-010	168	169	8428	half core	Au-AA24	ME-MS61	0.084	3.72	253	831	4160	6.37	INT	SF-0040	HYP
SFDH-010	169	170	8429	half core	Au-AA24	ME-MS61	0.155	4.06	837	980	1560	6.03	INT	SF-0040	HYP
SFDH-010	170	171	8430	half core	Au-AA24	ME-MS61	0.389	30.8	1505	2700	5150	286	INT	SF-0040	HYP
SFDH-010	171	172	8431	half core	Au-AA24	ME-MS61	0.120	2.69	373	806	2240	4.6	INT	SF-0040	HYP
SFDH-010	172	173	8432	half core	Au-AA24	ME-MS61	0.113	5.85	255	425	343	13.2	INT	SF-0040	HYP
SFDH-010	173	174.9	8433	half core	Au-AA24	ME-MS61	0.486	23.2	965	1040	534	103	INT	SF-0040	HYP

SFDH-010	174.9	176	8434	half core	Au-AA24	ME-MS61	0.013	0.86	153	31.2	112	2.89	INT	SF-0040	UNK
SFDH-010	176	178	8435	half core	Au-AA24	ME-MS61	6.380	6.92	520	252	142	94.2	INT	SF-0040	UNK
SFDH-010	178	180	8436	half core	Au-AA24	ME-MS61	0.025	0.13	137	16.6	67	0.44	INT	SF-0040	UNK
SFDH-010	180	182	8438	half core	Au-AA24	ME-MS61	0.017	0.11	37.8	17.6	56	0.87	INT	SF-0040	UNK
SFDH-010	182	184	8439	half core	Au-AA24	ME-MS61	0.008	0.05	29.6	15.8	42	0.44	INT	SF-0040	UNK
SFDH-010	184	186	8440	half core	Au-AA24	ME-MS61	0.006	0.04	31.6	14.9	44	0.5	INT	SF-0040	UNK
SFDH-010	186	188	8441	half core	Au-AA24	ME-MS61	0.003	0.03	14.6	15.6	47	0.17	INT	SF-0040	UNK
SFDH-010	188	190	8442	half core	Au-AA24	ME-MS61	0.003	0.01	16.4	13.3	46	0.14	INT	SF-0040	UNK
SFDH-010	190	192	8443	half core	Au-AA24	ME-MS61	0.003	0.01	17.1	13.1	40	0.17	INT	SF-0040	UNK
SFDH-010	192	194	8444	half core	Au-AA24	ME-MS61	0.003	0.05	13.2	12.7	46	0.22	INT	SF-0040	UNK
SFDH-010	194	196	8445	half core	Au-AA24	ME-MS61	0.003	0.02	15.7	12.8	44	0.15	INT	SF-0040	UNK
SFDH-010	196	198	8446	half core	Au-AA24	ME-MS61	0.003	0.03	12	11.3	43	0.17	INT	SF-0040	UNK
SFDH-010	198	200	8448	half core	Au-AA24	ME-MS61	0.003	0.06	16.2	15.7	40	0.28	INT	SF-0040	UNK
SFDH-010	200	202	8449	half core	Au-AA24	ME-MS61	0.003	0.06	14.8	16.3	41	0.26	INT	SF-0040	UNK
SFDH-010	202	204	8450	half core	Au-AA24	ME-MS61	0.003	0.04	11.1	13.5	43	0.24	INT	SF-0040	UNK
SFDH-010	204	206	8451	half core	Au-AA24	ME-MS61	0.003	0.04	14	13.9	51	0.31	INT	SF-0040	UNK
SFDH-010	206	208	8452	half core	Au-AA24	ME-MS61	0.003	0.18	16.2	17.5	49	0.15	INT	SF-0040	UNK
SFDH-010	208	210	8453	half core	Au-AA24	ME-MS61	0.003	0.02	12.6	14.6	48	0.11	INT	SF-0040	UNK
SFDH-010	210	212	8454	half core	Au-AA24	ME-MS61	0.010	0.32	17.7	49.6	75	1	INT	SF-0040	UNK
SFDH-010	212	214	8456	half core	Au-AA24	ME-MS61	0.003	0.06	15.9	13.7	62	0.29	INT	SF-0041	UNK
SFDH-010	214	216	8457	half core	Au-AA24	ME-MS61	0.003	0.05	20.8	12.6	62	0.28	INT	SF-0041	UNK
SFDH-010	216	218	8458	half core	Au-AA24	ME-MS61	0.003	0.06	19.2	9.2	67	0.47	INT	SF-0041	UNK
SFDH-010	218	220	8459	half core	Au-AA24	ME-MS61	0.003	0.12	26.8	21.6	61	3.69	INT	SF-0041	UNK
SFDH-010	220	222	8460	half core	Au-AA24	ME-MS61	0.003	0.12	15.2	20.1	77	0.82	INT	SF-0041	UNK
SFDH-010	222	224	8461	half core	Au-AA24	ME-MS61	0.003	0.18	12.6	16.2	65	0.25	INT	SF-0041	UNK
SFDH-010	224	226	8462	half core	Au-AA24	ME-MS61	0.006	0.36	66.3	59.9	156	0.89	INT	SF-0041	UNK
SFDH-010	226	228	8463	half core	Au-AA24	ME-MS61	0.048	2.47	131	607	1230	5.96	INT	SF-0041	UNK
SFDH-010	228	229.45	8465	half core	Au-AA24	ME-MS61	0.008	1.31	140.5	158.5	595	3.38	INT	SF-0041	UNK
SFDH-010	229.45	231	8466	half core	Au-AA24	ME-MS61	0.007	0.65	114.5	43	130	1.74	INT	SF-0041	UNK
SFDH-010	231	232	8467	half core	Au-AA24	ME-MS61	0.013	2.24	157.5	195.5	605	5.86	INT	SF-0041	HYP
SFDH-010	232	233	8468	half core	Au-AA24	ME-MS61	0.043	5.79	196	194	197	14.3	INT	SF-0041	HYP
SFDH-010	233	234	8469	half core	Au-AA24	ME-MS61	0.055	6.12	191	415	240	22.1	INT	SF-0041	HYP
SFDH-010	234	235.78	8470	half core	Au-AA24	ME-MS61	0.021	7.2	221	607	863	16.7	INT	SF-0041	UNK
SFDH-010	235.78	237	8471	half core	Au-AA24	ME-MS61	0.005	0.41	52.9	76.9	183	1.2	INT	SF-0041	UNK
SFDH-010	237	239	8472	half core	Au-AA24	ME-MS61	0.008	1.21	72.3	53.6	107	4.94	INT	SF-0041	UNK
SFDH-010	239	241	8473	half core	Au-AA24	ME-MS61	0.006	1.23	104	93.4	162	2.93	INT	SF-0041	UNK
SFDH-010	241	243	8475	half core	Au-AA24	ME-MS61	0.007	0.49	49.6	20.8	104	2.54	INT	SF-0041	UNK
SFDH-010	243	245	8476	half core	Au-AA24	ME-MS61	0.034	4.75	192	484	1020	12.9	INT	SF-0041	UNK
SFDH-010	245	247	8477	half core	Au-AA24	ME-MS61	0.003	0.05	12.4	9	69	0.24	INT	SF-0041	UNK
SFDH-010	247	248	8478	half core	Au-AA24	ME-MS61	0.003	0.85	11.6	175.5	192	2.89	INT	SF-0041	UNK

1.6 Resampling of DDH2 & DDH5 drill core assays

Table 30 Resampling of DDH2 & DDH5 drill core

HOLE-ID	FROM	TO	SAMPLE NO	AU1 PPM	AG PPM	CU PPM	PB PPM	ZN PPM	BI PPM	BATCH NO.	AU METHOD	BM METHOD	SAMPLE TYPE	DATE REPTD	AU2 PPM	LABORATORY	CORE SIZE
DDH02	32.03	34.35	52991	0.25	11.65	231	847	311	19	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.21	ALS Santiago	NQ
DDH02	34.35	35.55	52992	0.48	14.45	589	1225	30	75	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.46	ALS Santiago	NQ
DDH02	35.55	37.91	52993	4.88	23.50	2620	1360	105	114	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	4.38	ALS Santiago	NQ
DDH02	37.91	40	52994	4.01	48.30	852	1640	90	490	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	4.22	ALS Santiago	NQ
DDH02	40	42.3	52995	7.40	162.00	6390	8380	273	301	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	7.12	ALS Santiago	NQ
DDH02	42.3	44.4	52996	1.29	140.00	6950	15800	1060	250	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.13	ALS Santiago	NQ
DDH02	44.4	46.45	52997	2.17	67.60	7870	1830	652	166	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.54	ALS Santiago	NQ
DDH02	46.45	48.85	52999	3.01	577.00	7170	77600	2860	1215	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.53	ALS Santiago	NQ
DDH02	48.85	50.9	53000	3.22	108.00	4030	47800	1380	86	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.76	ALS Santiago	NQ
DDH02	50.9	52.9	53001	2.74	29.70	2470	15100	746	14	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.95	ALS Santiago	NQ
DDH02	52.9	54.7	53002	1.90	76.70	4320	11100	2530	59	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.57	ALS Santiago	NQ
DDH02	54.7	57.2	53003	3.05	148.00	6030	39000	11850	72	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	3.51	ALS Santiago	NQ
DDH02	57.2	59.6	53004	2.03	140.00	5520	53100	13250	112	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.22	ALS Santiago	NQ
DDH02	59.6	61.6	53005	2.40	127.00	8470	3490	934	49	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.08	ALS Santiago	NQ
DDH02	61.6	63.65	53006	0.96	52.30	3990	5250	865	53	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.84	ALS Santiago	NQ
DDH02	63.65	65.8	53007	2.22	93.00	4640	6670	802	69	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.73	ALS Santiago	NQ
DDH02	65.8	68.1	53009	0.96	108.00	5250	19500	3480	76	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.81	ALS Santiago	NQ
DDH02	68.1	70.05	53010	1.46	93.60	3490	22300	2820	91	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.38	ALS Santiago	NQ
DDH02	70.05	72.25	53011	0.74	180.00	4200	52900	6710	108	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.63	ALS Santiago	NQ
DDH02	72.25	74.54	53012	1.04	195.00	5140	49200	24600	80	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.1	ALS Santiago	NQ
DDH02	74.54	76.64	53013	0.50	69.40	2910	19600	7550	33	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.44	ALS Santiago	NQ
DDH02	76.64	78.6	53014	0.43	68.70	3220	21800	7160	48	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.41	ALS Santiago	NQ
DDH02	78.6	80.4	53015	1.63	135.00	5280	28800	5580	49	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.48	ALS Santiago	NQ
DDH02	80.4	82	53016	0.91	105.00	3810	17550	4900	125	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.91	ALS Santiago	NQ
DDH02	82	83	53018	1.06	151.00	5050	20100	2830	19	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.41	ALS Santiago	NQ
DDH02	83	84.9	53019	0.83	80.50	3430	13950	12650	19	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.85	ALS Santiago	NQ
DDH02	84.9	86.9	53020	1.13	105.00	7530	13100	23100	35	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.14	ALS Santiago	NQ
DDH02	86.9	88.25	53021	1.36	67.10	3990	3520	5890	29	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.35	ALS Santiago	NQ
DDH02	88.25	90.65	53022	1.14	49.40	2230	11050	7640	43	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.15	ALS Santiago	NQ

DDH02	90.65	92.65	53023	0.55	34.70	3170	6370	4800	9	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.49	ALS Santiago	NQ
DDH02	92.65	93.69	53024	0.90	12.90	231	3200	3210	14	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.89	ALS Santiago	NQ
DDH02	93.69	95.7	53025	0.23	13.35	962	4580	1670	19	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.23	ALS Santiago	NQ
DDH02	95.7	97.75	53026	0.16	14.60	1300	6430	2600	19	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.16	ALS Santiago	NQ
DDH02	97.75	98.79	53028	0.07	2.79	189	319	8280	1	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.08	ALS Santiago	NQ
DDH02	98.79	100.85	53029	0.17	19.00	1220	6600	3620	26	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.33	ALS Santiago	NQ
DDH02	100.85	102.8	53030	0.44	47.90	1570	9900	17100	76	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.45	ALS Santiago	NQ
DDH02	102.8	103.84	53031	0.27	8.32	404	2790	9710	4	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.27	ALS Santiago	NQ
DDH02	103.84	105.85	53032	0.52	52.50	1530	14350	5930	83	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.56	ALS Santiago	NQ
DDH02	105.85	108.1	53034	0.23	17.10	356	1960	711	56	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.21	ALS Santiago	NQ
DDH02	108.1	110.4	53035	0.77	98.00	2270	16850	9450	358	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.82	ALS Santiago	NQ
DDH02	110.4	112.4	53036	1.97	98.50	4490	12850	2410	320	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.94	ALS Santiago	NQ
DDH02	112.4	113.3	53037	0.89	25.90	3140	3450	3830	61	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.92	ALS Santiago	NQ
DDH02	113.3	115.8	53038	0.38	157.00	4200	8630	1270	677	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.34	ALS Santiago	NQ
DDH02	115.8	117.95	53039	0.45	207.00	13700	12250	5750	895	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.5	ALS Santiago	NQ
DDH02	117.95	120	53040	0.67	234.00	19750	7770	8930	3590	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.6	ALS Santiago	NQ
DDH02	120	122.5	53041	0.27	165.00	6860	5250	3870	5900	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.23	ALS Santiago	NQ
DDH02	122.5	124.25	53042	0.00	0.39	40	57	301	6	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.01	ALS Santiago	NQ
DDH02	124.25	125.75	53043	0.00	0.34	25	21	32	4	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.01	ALS Santiago	NQ
DDH05	44.35	46.2	52964	0.34	45.70	5700	1020	424	1150	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.33	ALS Santiago	BQ
DDH05	46.2	48.3	52965	3.13	198.00	32700	2400	934	6000	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	3.19	ALS Santiago	BQ
DDH05	48.3	50.25	52966	3.38	119.00	29400	2460	1060	3720	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.77	ALS Santiago	BQ
DDH05	50.25	52.25	52967	5.43	63.10	33600	669	473	868	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	5.33	ALS Santiago	BQ
DDH05	52.25	54.3	52968	6.75	194.00	36500	5450	336	4180	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	6.38	ALS Santiago	BQ
DDH05	54.3	56.3	52969	1.47	24.30	6090	632	145	110	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.34	ALS Santiago	BQ
DDH05	56.3	58.3	52970	5.18	87.50	12750	1540	799	1040	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	4.43	ALS Santiago	BQ
DDH05	58.3	60.3	52972	7.13	73.10	12850	586	1770	374	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	6.48	ALS Santiago	BQ
DDH05	60.3	62.1	52974	8.28	35.80	6490	644	1480	123	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	6.75	ALS Santiago	BQ
DDH05	62.1	63.85	52975	6.90	70.40	4460	4450	1150	127	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	6.09	ALS Santiago	BQ
DDH05	63.85	65.9	52976	3.83	90.10	7190	4890	1490	96	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	3.52	ALS Santiago	BQ
DDH05	65.9	68	52977	1.58	31.20	2960	3330	1570	13	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.48	ALS Santiago	BQ
DDH05	68	70.15	52978	2.13	22.30	1690	2030	845	9	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.15	ALS Santiago	BQ

DDH05	70.15	72.15	52979	3.09	150.00	6220	2490	732	125	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.47	ALS Santiago	BQ
DDH05	72.15	74.15	52981	2.46	27.80	1720	2250	615	15	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.09	ALS Santiago	BQ
DDH05	74.15	76.15	52982	2.97	32.00	2180	2270	988	15	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.87	ALS Santiago	BQ
DDH05	76.15	78.15	52983	3.86	47.00	3550	3000	1070	37	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	3.48	ALS Santiago	BQ
DDH05	78.15	80.15	52984	2.51	21.40	1860	4410	1110	18	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	2.34	ALS Santiago	BQ
DDH05	80.15	82.15	52985	4.09	50.90	4550	2160	834	51	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	3.93	ALS Santiago	BQ
DDH05	82.15	84.25	52987	3.90	32.60	5260	764	1110	39	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	3.19	ALS Santiago	BQ
DDH05	84.25	86.2	52988	1.47	68.70	847	1730	1220	518	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	1.43	ALS Santiago	BQ
DDH05	86.2	88.2	52989	0.01	0.95	65	281	997	2	ME18326761	Au-AA24	ME-MS41	HC - HalfCore	21-12-18	0.01	ALS Santiago	BQ

1.7 Proposed Stream Sediment Locations

Proposed Stream Sediment Sampling for the northern and central areas. Gauss Kruger (Argentina) Zone 2 projection.

Table 31 Proposed Regional Stream Sediment Locations

id	X	Y
SS01	2441968	6593506
SS02	2441985	6593430
SS03	2442212	6593574
SS04	2442413	6593668
SS05	2442580	6593825
SS06	2443170	6593560
SS07	2443179	6593509
SS08	2443106	6593261
SS09	2442370	6593694
SS10	2442861	6594131
SS11	2443715	6593425
SS12	2443101	6593244
SS13	2443736	6593251
SS14	2443168	6592569
SS15	2443150	6592546
SS16	2443356	6594575
SS17	2443317	6594555
SS18	2443078	6594420
SS19	2443625	6594384
SS20	2444018	6594045
SS21	2444062	6594044
SS22	2443938	6594401
SS23	2443449	6594158
SS24	2443510	6594181
SS25	2442705	6594295
SS26	2442847	6594183
SS27	2442903	6593247
SS28	2443506	6592856
SS29	2443685	6592602
SS30	2443848	6592332
SS31	2443817	6592303
SS32	2443149	6592466
SS33	2442926	6592859
SS34	2442796	6592698
SS35	2442369	6592363
SS36	2442339	6592381
SS37	2443194	6592284

SS38	2443190	6592251
SS39	2443143	6591992
SS40	2443250	6591866
SS41	2443806	6591978
SS42	2443814	6591933
SS43	2443181	6591182
SS44	2442927	6591046
SS45	2443043	6590625
SS46	2442991	6590606
SS47	2443035	6590825
SS48	2442693	6591469
SS49	2442268	6591425
SS50	2442066	6591614
SS51	2442075	6591711
SS52	2442271	6591858
SS53	2442386	6592158
SS54	2441780	6592289
SS55	2441783	6592252
SS56	2441884	6592446
SS57	2442288	6592020
SS58	2442223	6592018
SS59	2441942	6592504
SS60	2441906	6592502
SS61	2441900	6592879
SS62	2441925	6592894
SS63	2441884	6591437
SS64	2441487	6590163
SS65	2441322	6590157
SS66	2441068	6590159
SS67	2440929	6590730
SS68	2440922	6590686
SS69	2440651	6590640
SS70	2440501	6590221
SS71	2440194	6591386
SS72	2440081	6591435
SS73	2440112	6591464
SS74	2440840	6591159
SS75	2441064	6591584
SS76	2441009	6591829
SS77	2440976	6591838
SS78	2440189	6592267
SS79	2440584	6592456
SS80	2440583	6592124
SS81	2440823	6593125
SS82	2441634	6593776

SS83	2441435	6594112
SS84	2441441	6594546
SS85	2441439	6594569
SS86	2442087	6594465
SS87	2442108	6594498

1.8 Mapped Breccia Locations

This list is the location of the various mapped breccias that require field reconnaissance and rock sampling for assaying and description (Gauss Kruger Argentina - Zone 2 projection)

Table 32 Mapped Breccia Locations

id	X	Y
TBX	2442852	6593775
TBX	2442916	6593797
TBX	2443132	6593606
TBX	2442738	6593648
TBX	2442730	6593224
TBX	2442952	6593274
TBX	2442948	6594117
TBX	2442303	6594857
TBX	2442319	6594798
TBX	2442346	6594832
TBX	2442579	6593292
TBX	2442225	6593046
TBX	2442277	6593149
TBX	2442019	6592843
TBX	2442146	6592795
TBX	2443288	6594848
TBX	2443324	6594866
TBX	2443491	6594902
TBX	2443365	6594512
TBX	2441268	6593995
TBX	2441246	6594480
TBX	2441300	6594726
TBX	2443224	6593148
TBX	2443508	6592771
TBX	2443607	6592751
TBX	2443585	6592685
TBX	2443025	6590305
TMS	2442865	6590267
TBX	2442843	6590191
TBX	2441723	6592597
TBX	2441896	6592820
TBX	2441598	6592305

TBX	2441685	6592244
TBX	2442114	6592550
TBX	2441911	6592438
TBX	2442150	6592461
TBX	2442033	6592118
TBX	2442225	6592339
TBX	2442538	6592822
TBX	2442729	6592828
TBX	2442603	6592393
TBX	2442745	6592412
TBX	2442729	6592401
TBX	2442733	6592499
TBX	2440609	6591213
TBX	2440682	6591563
TBX	2441548	6591432
TBX	2441538	6591308
TBX	2441697	6593199
TBX	2441595	6593215
TBX	2441557	6593192
TBX	2441824	6593463
TBX	2441142	6592226
TBX	2441127	6592103
TBX	2441307	6592034
TBX	2441290	6591944
TBX	2441548	6591862
TBX	2441492	6591936
TBX	2441625	6591899
TBX	2441296	6592291
TBX	2441331	6592167
TBX	2441256	6592578
TBX	2441260	6592539
TBX	2441449	6592714
TBX	2443654	6593892
TBX	2443011	6593354
TBX	2442341	6592197
TBX	2442357	6591910
TBX	2442570	6589291