PAN AMERICAN SILVER CORP
Form 6-K
January 31, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 6-K
REPORT OF FOREIGN PRIVATE ISSUER TO RULE 13A or 15D-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the Month of: January, 2008 **File No.: 000-13727**

PAN AMERICAN SILVER CORP.

(Translation of Registrant s Name into English)
Suite 1500, 625 Howe Street Vancouver British Columbia, Canada V6C 2T6

(Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20F or Form 40F:
Form 20F o Form 40F þ

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)
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(7). Yes o No þ

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.
Yes o No þ

If Yes is marked, indicate below the file number assigned to the registrant in connection with rule 12g-3-2(b): 82 - _____.

Submitted herewith:

1. **Form 43-101 Technical Report for the Quiruvilca Property.**

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

PAN AMERICAN SILVER CORP.

Date: January 30, 2008 *Robert Pirooz*

General Counsel

TECHNICAL REPORT
FOR THE
QUIRUVILCA PROPERTY
LA LIBERTAD, PERU
EFFECTIVE: JULY 31, 2007

PREPARED BY:
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MICHAEL STEINMANN, P.GEO

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1. Title Page

This Technical Report has been prepared in accordance with the National Instrument 43-101 - *Standards of Disclosure for Mineral Projects* (NI 43-101) and the contents herein are organized and in compliance with Form 43-101F1 Contents of the Technical Report (Form 43-101 F1). The first two items are the Title Page and the Table of Contents presented previously in this report. They are mentioned here simply to maintain the specific report outline numbering required in Form 43-101F1.

2. Table of Contents
See discussion in Section 1

3. Summary

3.1 Background

Pan American Silver Corp. (PAS) prepared this Technical Report in support of its disclosure of mineral reserve and mineral resource estimates as of July 31, 2007, as required under Section 4.2 of NI 43-101.

Mr. Martin Wafforn, P.Eng., Vice President of Mine Engineering of PAS, and Dr. Michael Steinmann, P.Geo., Senior Vice President of Exploration and Geology of PAS, are authors of this Technical Report. Each of Mr. Wafforn and Dr. Steinmann is a Qualified Person as that term is defined in NI 43-101.

3.2 Property Ownership, Location and Description

The Quiruvilca Mine is owned and operated by Pan American Silver S.A. Mina Quiruvilca (PASQ), a company in which PAS, indirectly through its subsidiaries, owns 100% of the outstanding voting shares and 99.93% of the total outstanding equity. Pan American Silver S.A.C. Mina Quiruvilca and Cia Minera Huaron merged to form PASQ effective January 2006.

The Quiruvilca Mine is located at latitude 8°1 south and longitude 78°21 west in the province of Santiago de Chuco, one of twelve provinces that make up the La Libertad Region in northwest Peru. The property is in the Andes mountain range at elevations ranging from 3,450 to 4,075m above sea level. The nearest major center is Trujillo, 76km west of the mine. Trujillo is the third largest city in Peru with a population of ~650,000 (according to a 2005 census) and is the economic center of northern Peru, acting as the central hub for agriculture. Trujillo also provides access to Salaverry, a large port, and is connected to Lima, the capital of Peru, via highways and daily flights.

The property consists of 140 concessions that span 3,565.6 ha of land. Mining is by underground methods and current developments extend over an area of 1,200 ha to a depth of 400 m. All of the concessions include the rights for mining, water and surface usage. All mining property concessions of the Quiruvilca Mine are registered in the name of PASQ, except 0.2 ha which are registered under the name of Corporacion Minera Nor Peru S.A (which was acquired by PAS). PASQ is responsible for paying the annual mining tenure tax. These payments were up to date as of July 31, 2007.

3.3 Geology and Mineralization

The Quiruvilca Mine is located on the west side of the Western Cordillera within the eastern edge of a major sequence of volcanic rocks, interpreted as part of the Calipuy Volcanic Formation of Mid-Miocene age. This volcanic formation, with a thickness of about 2,000 m, consists of andesite flows and flow breccias inter-layered with thin basalt flows and occasional tuffaceous lacustrine sediments.

The mineralization at Quiruvilca is contained in a series of narrow veins filling fractures and faults. Over 130 veins have been identified in the mine area. Although narrow, the veins at Quiruvilca tend to have an extensive lateral and vertical continuity with abundant splits, cymoid loops, pinch and swell structures. In some places, the veins show some thick ore shoots connected to thinner sub-economic to non-economic zones. The width varies from small stringers up to two metre wide veins.

The mineralization exhibits strong metal zoning. The central copper zone, some 700 metres by 2,800 metres in area, consists of predominately enargite-pyrite, with lesser chalcopyrite, tennantite, tetrahedrite, sphalerite and galena (the Enargite Zone). The Enargite Zone is surrounded by a relatively narrow transition zone of tennantite, tetrahedrite, sphalerite and galena (the Transition Zone). The Transition Zone is in turn surrounded by a zinc-lead zone of predominantly sphalerite and galena, which extends some 500 metres beyond the Transition Zone (the Zinc-Lead Zone). In recent years a majority of the production has come from the Zinc-Lead Zone. An outer zone consists of stibnite, arsenopyrite and pyrite.

3.4 Exploration and Development

Exploration at the Quiruvilca property is conducted using a combination of diamond drilling and underground drifting. Two to three diamond drills are in continuous operation at the property, drilling holes between 50 m and 350 m in length. As at the end of September 2007, the Quiruvilca Mine drill hole database contains 1,327 drill holes equalling 172,455 m, dating back to 1926.

Channel samples are an important part of mine development, mineral resource estimates and production quality control. For stope sampling a channel sample is collected every 3 metres along strike, and for sublevels every 2 metres. Vertical development on veins are channel sampled in 1 metre intervals. As of July 31, 2007, the database contained 134,487 records of channel samples.

Quiruvilca s primary exploration objective is to extend known veins along their strike and depth extension as they have excellent potential to increase resources. There is also high potential of finding additional splits and sigmoidal loops branching off these veins. Exploration of resources at depth has led to the Mine Deepening Project. This project is focused on the exploitation of the Luz Angelica and Zoila Gata veins at and below the 400 level and is near production. Additional exploration done in 2006 confirmed the extension of the Elisa vein, including the Jose Godoy, Chimborazo, Jose Godoy Split, and Recuperada veins on the northwest portion of the property.

3.5 Mineral Resource And Reserves Estimates as at July 31, 2007

The mineral reserve estimate for Quiruvilca (Table 3-1) as at July 31, 2007 was prepared by, or under the supervision of Dr. Michael Steinmann, P.Geo., Senior Vice President Geology & Exploration, and Mr Martin Wafforn, P.Eng., Vice President Mine Engineering of PAS, who are both Qualified Persons (QPs) as the term is defined in NI 43-101. This mineral reserve estimate was calculated using a price of $9.00 per ounce of silver, $5,000 per tonne of copper, $1,000 per tonne of lead, and $2,100 per tonne of zinc.

Table 3-1: Quiruvilca Mineral Reserves

Reserve		Silver	Ag Content	Gold			
					%	%	%
Category	Tonnes	(g/t)	(ounces)	(g/t)	Copper	Lead	Zinc
Proven	988,075	168	5,350,351	0.58	0.64	1.12	3.41
Probable	492,093	152	2,402,414	0.47	0.76	1.21	4.05
Total	1,480,168	163	7,752,766	0.55	0.68	1.15	3.62

Notes:

PAS s share is 100% of the total mineral reserves.

- Quiruvilca s mineral reserves have been estimated on the basis of blocks exposed by underground workings on one or more sides and having an in-place diluted value equal to or above the cut-off grade of $27/tonne. Proven and probable mineral reserves are extrapolated between 15 and 30 metres down dip depending on vein continuity.
- The geological model employed for Quiruvilca involves geological interpretations on sections and plans derived from core drill hole information and channel sampling.
- Mineral reserves have been estimated using the O Hara dilution formula, which typically adds 20% to 50% dilution at zero grade depending on dip angle and vein width.
- Mineral reserves have been estimated using a mining recovery of 90% with a further 5% subtracted for other mining losses.
- The mining and processing rate is currently 1,150 tonnes per day.
- Mineral reserves for the principal structures have been estimated with a 3 dimensional block model using Datamine software. Mineral reserves for minor structures have been estimated using polygonal methods on longitudinal sections.
- Environmental, permitting, legal, title, taxation, socio economic, political, marketing or other issues are not expected to materially affect the above estimate of mineral reserves.

The measured, indicated and inferred mineral resources at the Quiruvilca Mine as at July 31, 2007 are estimated to be as shown in Table 3-2. This mineral resource estimate was calculated using a price of $9.00 per ounce of silver, $5,000 per tonne of copper, $1,000 per tonne of lead, and $2,100 per tonne of zinc, and was prepared under the supervision of and reviewed by Mr. Martin Wafforn, P. Eng. Vice President of Mine Engineering of PAS and Dr. Michael Steinmann, P. Geo. Senior Vice President of Exploration and Geology of PAS. Each of Mr. Wafforn and Dr. Steinmann is a Qualified Person as that term is defined in NI 43-101.

Table 3-2: Quiruvilca Mineral Resources

Resource Category	Tonnes	Silver (g/t)	Ag Content (ounces)	Gold (g/t)	% Copper	% Lead	% Zinc
Measured	4,239,427	134	18,271,750	0.59	1.15	0.85	2.28
Indicated	1,018,488	175	5,739,868	0.48	0.73	1.29	3.72
Total M&I	5,257,915	142	24,011,618	0.57	1.07	0.93	2.56
Inferred	2,588,320	145	12,079,263	0.97	0.46	1.25	3.63

Notes:

- PAS reports mineral resources and mineral reserves separately. Reported mineral resources do not include amounts identified as mineral reserves.
- PAS s share is 100% of the total mineral resources.
- The geological model employed for Quiruvilca involves geological interpretations on sections and plans derived from core drill-hole information and channel sampling.
- The mining and processing rate is currently 1,150 tonnes per day.
- Mineral resources for the principal structures are estimated with a 3 dimensional block model using Datamine software. Mineral resources for minor structures are estimated using polygonal methods on longitudinal sections.
- Environmental, permitting, legal, title, taxation, socio economic, political, marketing or other issues are not expected to materially affect the above estimate of mineral resources.
- Mineral resources that are not mineral reserves do not have demonstrated economic viability.

The mineral resource estimate involved statistical and geostatistical interpolation. Composites and 3-dimensional models were constructed utilizing Data Mine®, commercial mine modeling software. Interpolations were done for silver, lead, zinc, and copper grades using the ordinary kriging (OK) estimation method, based on variographic analysis performed on 14 representative veins. Other veins that were not possible to associate were interpolated by inverse distance to the third power. The blocks have been classified as measured, indicated or inferred based on the radius of the search ellipse compared to the variographic range.

3.6 Mining Operations

The current life of mine (LOM) plan comprises a continuation of the current Cut and Fill Mining methods for the narrow vein deposits that have been mined at Quiruvilca Mine since the early 1900 s. Overhand Cut and Fill mining methods are employed within Quiruvilca. Typically, nearby vertical blast holes are drilled from the hydraulic backfill in the stopes. Breasting (horizontal blast holes) is a less productive method that is utilized in areas of more difficult ground conditions where more control of the rock mass is required.

The Quiruvilca Mine extends over an area that is four kilometres east/west by three kilometres north/south and from an elevation of 4,050 m at the top of the mountain down to the 400 level (elevation 3,468 m). Access to the mine is from four adits driven into the side of the mountain at elevations ranging from 3,648 m to 3,870 m.

Battery locomotives are used to haul ore and waste in trains from the stopes and development headings to ore and waste passes. Ore from the upper levels of the mine is delivered to ore passes, which transfer it to the 220 main haulage level. Trolley locomotives with mine cars are used to transport ore from the ore passes on the 220 level to coarse ore bins at the crushing plant outside of the mine portal.

A 590 m long, 76 cm wide inclined conveyor belt is used to transport ore and waste from below the 220 level to a surface bin at the 220 level. The conveyor belt has a capacity of 150 tonnes per hour. The mine completed the extension of this conveyor belt down to the 340 level in August of 2005. Ore from the 400 level will be transported up to the 340 level in order to utilize the conveyor belt for haulage to surface. Ore from the 400 level Luz Angelica vein system will be trucked up a ramp, and ore from the Zoila Gata vein system will be hoisted via an inclined shaft. The haulage and access systems for the 400 level were started in 2006. The ramp system for the Luz Angelica vein is now completed and is in use. The ramp to the Zoila Gata vein is completed and is in use for vein development on the 400 level. The excavation works for the inclined shaft and associated infrastructure are almost complete and the mine is currently working on the civil, mechanical and electrical systems required for completion. The inclined shaft is projected to be completed by the end of 2007.

The processing plant (known as the Shorey mill) is operating at approximately 50% of its rated capacity. In 2006 daily throughput was 1,287 tonnes operating 24 hours per day, six days a week, and the current daily throughput in 2007 is 1,150 tonnes. The LOM plan is based on providing 1,050 tonnes per day (TPD) of ore to the mill and ramp down to 775 TPD by 2011. The LOM plan does not include mining of any inferred mineral resources. Processing consists of crushing, grinding and selective flotation. Actual average recoveries for the period from January 2007 to July 2007 were 83.26% for silver, 73.89% for copper, 81.26% for lead, and 81.77% for zinc.

3.7 Authors Conclusions

Mr. Martin Wafforn, P.Eng., Vice President of Mine Engineering of PAS and Dr. Michael Steinmann, P.Geo., Senior Vice President of Exploration and Geology of PAS, both Qualified Persons, reviewed pertinent data from the Quiruvilca Mine regarding exploration data and methods, mineral resource and reserve estimates, metallurgy, and process performance. They determined that the estimates of mineral resources and mineral reserves as of July 31, 2007 are in accordance with NI 43-101, and as set forth in the Canadian Institute of Mining, Metallurgy and Petroleum s CIM Definition Standards for Mineral Resources and Mineral Reserves adopted by CIM Council on December 11, 2005 (the CIM Definition Standards). The authors of this Technical Report generally conclude:

(1) The geology and mineralization of a large polymetallic system with over 130 different veins on the mine property is well understood. Geological models appropriate to guide mineral resource estimates have been developed in a professional manner.

(2) Exploration drilling, sampling, sample preparation, assaying, density measurements and drill-hole surveys have generally been carried out in accordance with industry standard practices and are suitable to support mineral resource estimates.

(3) Mineral exploration and drilling programs are well-planned and executed and supply sufficient information for mineral resource estimates and mineral resource classification.

(4) Sampling and assaying includes a QA/QC program, supervised by the geology department that includes external check samples and the routine submission of standards. For each batch of twenty, at least one internal duplicate and one internal standard is added. The responsible geologist will add one standard for every twenty samples and one duplicate for every fifty samples. Duplicate samples of diamond drill cores samples come from the remaining half core split to a quarter core. For channel samples, a duplicate is obtained by collecting a sample of equal weight from the same sampling location. The Quiruvilca Mine is currently contracting ALS Chemex, Lima to act as their external secondary lab.

(5) The Quiruvilca deposit mineral resource model was developed using industry accepted methods. The authors of this Technical Report validated the mineral resource estimate and found it to be acceptable in both tonnage and grade.

(6) Mine designs have been developed using industry standard practices and appropriate design criteria. Proven and probable mineral reserves were developed from measured and indicated resources with appropriate application of cost and design criteria. Mining methods, metallurgical performance and operating costs are well-established from a long history of production at the Quiruvilca Mine.

(7) Mineral resources are classified as measured, indicated and inferred mineral resources. Mineral resource classification criteria are appropriate in terms of the confidence in grade estimates and geological continuity and meet the requirements of NI 43-101 and the CIM Definition Standards.

(8) The economic analysis calculates the Net Present Value (NPV) of the project to be $-5.08 million at a 10% discount rate and $-3.16 million at a 15% discount rate. The undiscounted after tax cash flow is $-11.97 million. The NPV calculation included the closure costs of the Quiruvilca Mine, which will be incurred regardless of continued operations. Without the closure cost included, the undiscounted NPV is calculated to be $7.08 million. The average Quiruvilca Mine unit total operating costs is projected to be $63.48 during 2008 to 2011.

(9) The life of mine plan presented in this Technical Report is based solely on proven and probable mineral reserves. The life of mine plan extends until 2011.

3.8 Authors Recommendations

The authors of this Technical Report recommend execution of the LOM Plan and Schedule at the Quiruvilca Mine operation.

4. Introduction

Pan American Silver Corporation, the parent company of Pan American Silver S.A Mina Quiruvilca, asked its qualified senior personnel to review mineral resource and reserve estimates for the silver-copper-lead-zinc deposit at the Quiruvilca Mine in Peru, and to prepare a Technical Report to support its disclosure of mineral reserve and mineral resource estimates as of July 31, 2007, as required under section 4.2 of NI 43-101. This Technical Report has been prepared in accordance with NI 43-101 and the format and contents of this report conform to Form 43-101 F1.

Mr. Martin Wafforn, P.Eng., PAS Vice President of Mine Engineering, serves as the Qualified Person with respect to the mineral reserve statements described herein and sections 1, 2, 3, 4, 5, 6, 7, 8, 17, 18, 20, 21, 22, 23, 24 and 25 and for all figures, tables, and graphs within those sections, contained in this Technical Report. Mr. Wafforn last visited the Quiruvilca Mine site from September 17th to September 19th, 2007.

Dr. Michael Steinmann, P.Geo., PAS Senior Vice President of Exploration and Geology, serves as the Qualified Person with respect to the mineral resource statements described herein and sections 1,2,3,4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 19, 21, 22, 23 and 24 and for figures, tables, and graphs contained in sections 9, 10, 11, 12, 13, 14, 15, and 19 contained in this Technical Report. Dr. Steinmann last visited the Quiruvilca Mine site from September 17th to September 19th, 2007.

Mr. Elmer Ildefonso, a consulting mining engineer to PAS, performed the mineral resource evaluation and modeling under the direct supervision of Dr. Steinmann.

Information and data for the preparation of the report were obtained from the Quiruvilca Mine operations personnel during site visits carried out between September 17th and September 19th, 2007 and were checked for accuracy by the authors of this Technical Report.

Sources of information and data contained in this Technical Report or used in its preparation are shown in Table 4-1.

Table 4-1: References

Sources Of Information	Used In Section
Mr. Martin Wafforn, P.Eng.	1, 2, 3, 4, 5, 6, 7, 8, 17, 18, 20, 21, 22, 23, 24, 25
Dr. Michael Steinmann, P.Geo.,	1,2,3,4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 19, 21, 22, 23, 24, 25
Mr. Elmer Ildefonso (consultant)	19
Ignacio Couturier	24
Rodrigo, Elias & Medrano (legal)	6.2
SVS Ingenieros S.A (consultant)	25.5, 25.9

Notes:

PAS retained Estudios Mineros, an Engineering company based in Lima, Peru, to compile the land map, mining concessions and surface rights presented in this Technical Report.

PAS retained the Peruvian law firm of Rodrigo, Elias & Medrano to review the public register in Peru to ensure that the mining concessions and surface rights reported are held by PASQ.

The authors have reviewed the information contained in these documents and included in this Technical Report and determined in their professional judgment that such information is sound and confirm and approve of such information.

All tonnages stated in this Technical Report are dry metric tonnes (dmt) unless otherwise specified. Ounces pertaining to silver metal content are expressed in troy ounces. All dollar values stated in this report are U.S. dollars.

The authors of this Technical Report are responsible for all information in this Technical Report that was not prepared by a Qualified Person, other than otherwise set out in Section 5, Reliance on Experts .

5. Reliance on Other Experts

Mr. Martin Wafforn and Dr. Michael Steinmann, as authors of this Technical Report, have relied upon the references, opinions and statements contained within the references listed in Section 23. These reports, documents, and statements were found to be generally well organized and presented, and where applicable, the conclusions reached are judged reasonable.

It is assumed that technically qualified and competent persons prepared these reports and documents. It is the authors opinion that the materials referenced above are prepared and presented according to mining and engineering industry standards. The co-authors conclude that the contents are reasonably organized and presented and the conclusions reached are prudent.

The authors have relied upon the title opinion produced by Rodrigo, Elias & Medrano (a Peruvian law firm) dated November 15, 2007 and expressly disclaim responsibility for information derived from the opinion. Rodrigo, Elias & Medrano is a well known and established Peruvian law firm

6. Property Description and Location

6.1 Property Description

The Quiruvilca Mine is an underground mining operation located in the province of Santiago de Chuco, one of twelve provinces that make up the La Libertad Region in northwest Peru (see Figure 6-1). The nearest major center is Trujillo, 76 km west of the mine. Trujillo is the third largest city in Peru with a population of ~650,000 (according to a 2005 census) and is the economic center of northern Peru, acting as the central hub for agriculture. Trujillo also provides access to Salaverry, a large port, and is connected to Lima, the Capital of Peru, via highway and daily flights.

The Quiruvilca Mine property is geographically centered at 8°1 S and 78°21 W in the Andes mountain range at elevations ranging from 3,450 to 4,075 m above sea level. The property consists of 140 concessions that span 3,565.6 ha of land. Mining is by underground methods and current developments extend over 1,200 ha to a depth of 400 m.

The property boundaries, layout of the major infrastructure and significant land features are laid out in Figure 6-2. Within the boundaries of the mine property there are two small communities, the Town of Quiruvilca and Shorey Village. The milling facilities are located in Shorey, as well as worker camps. There are two major tailing impoundments on the property, the San Felipe Impoundment and the Santa Catalina Impoundment. The San Felipe Impoundment is the former tailings impoundment and is no longer used except for the storage of sludge from the water treatment plant.

Since operations began, over 130 veins have been identified in the mine area. At least three-quarters of these veins have been in production at some point in time. Figure 6-3 shows a plan view of mapped mineralized structures on the property. In addition, a series of figures detailing the mine workings by level have been included in Figure 6-4A to 6-4G.

Local lakes, rivers and streams provide process and potable water to the operations, the more significant ones being the La Merced Creek, just south of the Sanata Catalina Impoundment, and the Los Angeles lake, to the east outside of Quiruvilca s boundaries.

6.2 Mineral Tenure

PAS retained the Peruvian law firm of Rodrigo, Elias & Medrano Abogados to provide a legal opinion regarding the mining properties (including surface rights) held by PAS and PASQ for the Quiruvilca Mine. During the course of the review it was decided that reviewing all of the 140 properties was not required and the review was limited to those 77 properties belonging to the Quiruvilca Mine from which production is or has been obtained (the Mining Properties). The opinion on the Mining Properties was dated November 15, 2007 and the authors of this Technical Report have relied solely on information contained in the opinion.

The main legal features related to the requirements for maintaining the Mining Properties in good standing and a brief explanation of the main administrative requirements have been summarized from the opinion as follows:

1.1. Under Peruvian law, the right to explore for and exploit minerals is granted by way of concessions. Pursuant to the Uniform Test of Mining Law, approved by Supreme Decree No. 014-92-EM of June 4, 1992 (the Mining Law), any local or foreign individual or legal entity is required to hold a specific concession granted by the Ministry of Energy and Mines (**MEM**) to carry out any mining activity other than: sampling, prospecting and/or trading in mining products or minerals of any type and condition. The exploration for and extraction of mineral substances from the ground or underground is governed by the Mining Law.

1.2. Under the Mining Law, the system of concessions includes:

Mining Concessions, which grant their holders the right to explore and exploit the mineral resources, whether metallic or non-metallic, within the area conferred by the concession;

Processing Concessions, which grant the right to process minerals;

General Service Concessions, which grant the right to render auxiliary services to one or more mining concessions; and

Mining Transportation Concessions, which grant the holders the right to operate a continuous massive transportation system of mineral products between one or more mining units.

1.3. A Peruvian mining concession is a property-related right, distinct and independent from the ownership of surface land on which it is located. The term of a concession is indefinite, provided that related annual fees are duly paid. The rights manifested in a mining concession are protected against third parties, transferable, chargeable and, in general, may be the subject of any transaction or contract. Mining concessions may be privately owned and no state participation is required. Buildings and other permanent structures used in a mining operation are considered real property accessories to the concession on which they are situated.

1.4. The concession grants to the concessionaire the right to perform, on an exclusive basis, certain mining activities within a duly determined area. All the concessions governed by the Mining Law should be registered with the Registry of Mining Rights, which forms part of the National System of Public Registers. They are also registered in the National Mining Cadastre, which is managed by the National Institute of Mining, Metallurgical and Geological Studies based on UTM coordinates.

1.5. The concessions are irrevocable as long as its holder complies with the annual payment of the validity fee (US$3 per hectare) and penalties for not achieving a minimum production (US$100 per hectare per year) within six years following the year in which the respective concession is granted. If said minimum production is not reached, as of the first semester of the seventh year, the holder of the concession shall pay a US$6 penalty per hectare per year until such production is reached (the penalties increase to US$20 as from the twelfth year). It is possible to avoid payment of the penalty if evidence is presented to the mining authorities that an amount equal to ten times the applicable penalty or more has been invested. Non-compliance with any of these obligations for two consecutive years will result in the extinction of the concession. Any payment made the year following a year of non-compliance will apply to the previous year.

1.6. To comply with the established work and production obligations, holders of more than one mining concession of the same type and nature may group them in economic administrative units, provided the concessions are located within the same 5 km surface radius, in the case of non-ferrous metallic minerals. To form such economic administrative units requires approval from the General Mining Directorate.

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1.7. Concessions may be transferred, assigned and mortgaged, while any movable assets used in mining activities as well as minerals extracted and/or processed from such concessions that belong to the concessionaire may be pledged. Any and all of these transactions and contracts must be formalized through a public deed and registered before the Mining Public Registry for them to be enforceable against the State and third parties.

1.8. It is important to note that the concept of overlapping with predecessor mineral titles is not uncommon in Peru. Such overlapping is common with regard to Peruvian mineral title as a result of a change to the Peruvian official system of granting mining concessions implemented in 1991 and which is based on UTM coordinates.

1.9. Administrative requirements include the Filing of a document in which information on the activities performed on the mining property during the previous year is provided to the mining authorities.

As mentioned above, property boundaries are located by UTM co-ordinates and are not marked physically in the field. In order to confirm and assess the 77 Mining Properties, the information from the following sources was gathered and analyzed by Rodrigo, Elias & Medrano Abogados:

1.1. The status of the Mining Properties at the computerized system of the INGEMMENT (Instituto Nacional Geológico Minero y Metalúrgico);

1.2. In detail, the Public Registry records for each one of the Mining Properties.

1.3. The official list of mining rights updated to December 31, 2006 (Padrón Minero), published by the INGEMMET.

1.4. Information and documentation provided by PASQ.

The opinion provided by the law firm of Rodrigo, Elias & Medrano Abogados is summarized as follows:

1. All the 77 Mining Properties plus one beneficiation concession are in good standing.

2. Mining concession titles have been granted with respect to all Mining Properties.

3. All Mining Properties titles have been registered with the Public Registry. There are two properties with minor name changes that need to be duly recorded.

4. Quiruvilca is the current registered titleholder of all the Mining Properties. In the case of three of the mining concessions, there is a registered interest that a number of third parties appear to have over them.

Due to the time elapsed since such rights were granted more than 50 years and the lack of documentation available, it is not possible to determine whether or not such interests are valid and/or enforceable to date. PASQ has confirmed these concessions are on the outskirts of the Quiruvilca Mine property and no longer contain mining operations and are as follows:

a) Berta 8.0015 Hectares: Pan American Silver S.A.C. Mina Quiruvilca 91.666666% and third party 8.333333%.

b) Colorado 2.8228 Hectares: Pan American Silver S.A.C. Mina Quiruvilca 93.6%, and third parties the remainder.

c) La Amorosa 1.6919 Hectares: Pan American Silver S.A.C. Mina Quiruvilca 72.5%, and third parties the remainder.

In the event the third parties claim and obtain recognition of their interests, the current mine regulations would require a legal mining partnership. PASQ would retain the controlling interest in all of these concessions.

5. Although all Mining Properties are currently free from any kind of lien and/or encumbrance in favor of third parties, almost all of them are subject to a mining mortgage agreement in favor of Pan American Silver Peru SAC for an amount of US$2,000,000, which was granted as a consequence of the execution of the Transfer Agreement by means of which PASQ acquired such Mining Properties from Pan American Silver Peru SAC their previous owner. In addition, almost all the Mining Properties maintains registration of a Mining Assignment Agreement granted for a ten-year term, starting on January 1, 2000, by Pan American Silver Peru SAC in favor of Corporación Minera Nor Perú S.A (which is the former name of PASQ and therefore is their current owner) that also includes a NSR Mining Royalty of 4.6% in Pan American Silver Peru SAC s favor.

6. The mining properties Acumulación Quiruvilca 1, Acumulación Quiruvilca 4 and CMNP 2A are subject to an agreement executed on June 28, 2004 between PASQ and Minera Barrick Misquichilca SA (Minera Barrick). These properties are in the process of being divided so that the areas not required for the operation of the Quiruvilca Mine are transferred to Minera Barrick.

7. There is a large degree of overlapping between the Mining Properties and a small degree of overlapping with third parties mining rights. It is quite common for Peruvian mineral properties to overlap with third party mining concessions. In these cases, the older concessions have senior rights over the overlapped concessions.

Mining concessions are a real property right different and independent from surface land property. Consequently, pursuant to Peruvian legislation, title over these concessions does not grant its holder ownership or a possession title over the surface land; this should be negotiated with the corresponding landowners.

PASQ has a large number of public and private documents establishing surface rights that date back in some cases to the 1930 s. In this respect, although upon review of the documentation provided, PASQ appears to be the legal holder and/or owner of the corresponding lands with both valid and binding documents, there are a number of lands where registration either does not exist or is no longer in force. Although registration is not a requirement, it has been recommended.

A complete list of all of the mining concessions held by PASQ are shown in Table 6-1.

Table 6-1: List of mining concessions held by PASQ with respect to the Quiruvilca Mine

CONCESSIONS HELD BY PAN AMERICAN SILVER S.A.C. QUIRUVILCA MINE
UPDATED AS OF SEPTEMBER 2007

Nº	CODE	CONCESSION	HECTARES	LETTER	ZONE	TITLE TO	DATE RECEIVED	D_STATE
1	15000415Y01	ACAJUTLA	10.0011	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	6/7/1923	D.M. Titulado D.L. 109
2	15010733X01	ACUMULACION QUIRUVILCA 1	361.1400	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/22/1989	Acumulación D.M. Titulada
3	15010754X01	ACUMULACION QUIRUVILCA 3	31.9233	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/18/1989	Acumulación D.M. Titulada
4	15010757X01	ACUMULACION QUIRUVILCA 4	746.0718	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/24/1989	Acumulación D.M. Titulada
5	15010760X01	ACUMULACION QUIRUVILCA 5	213.1768	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/31/1989	Acumulación D.M. Titulada
6	15002201X01	ADA	0.2287	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/9/1957	D.M. Titulado D.L. 109
7	15000334Y01	ADELINA	2.8153	17-G	17	PAN AMERICAN SILVER S.A.C.	2/13/1919	D.M. Titulado D.L. 109

8	15001584X01	AGRIPINA	0.2203	17-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	6/28/1922	D.M. Titulado D.L. 109
9	15000447X01	AMELIA	1.5734	16-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	12/30/1909	D.M. Titulado D.L. 109
10	15002200X01	ANA	0.1869	17-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	10/9/1957	D.M. Titulado D.L. 109
11	15000179Y01	ANA MARIA	2.2925	16-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	12/26/1906	D.M. Titulado D.L. 109
12	15001092X01	ANDRES	1.1281	17-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	12/20/1916	D.M. Titulado D.L. 109
13	15001526X01	ATABOY	0.1000	16-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	12/13/1921	D.M. Titulado D.L. 109
14	15001250X01	ATAHUALPA	10.0019	16-G	MINA QUIRUVILCA PAN AMERICAN SILVER S.A.C. 17	9/8/1918	D.M. Titulado D.L. 109
15	15003626X01	AVA	0.2229	17-G	MINA QUIRUVILCA 17	7/7/1960	D.M. Titulado D.L. 109
16	15001088X01	BERTA	8.0015	17-G	17	12/18/1916	

						PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA		D.M. Titulado D.L. 109
17	15000912X01	BOER	4.0007	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/1/1910	D.M. Titulado D.L. 109
18	15001532X01	BRIAND	0.2189	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1/7/1922	D.M. Titulado D.L. 109
19	15000133Y01	BRONCE	2.0526	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109
20	15000203Y01	CABALLO DE OROS	4.8095	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/2/1907	D.M. Titulado D.L. 109
21	15001463X01	CARPENTIER	5.1728	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/12/1921	D.M. Titulado D.L. 109
22	15001686X01	CENTENARIO	3.9687	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/15/1924	D.M. Titulado D.L. 109
23	15001270X01	CERRO DE PASCO	1.7045	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/12/1918	D.M. Titulado D.L. 109
24	15000135Y01	CHIMBORACITO	5.6458	17-G	17	PAN AMERICAN SILVER	1899-08-02	D.M. Titulado D.L. 109

						S.A.C. MINA QUIRUVILCA		
25	15000150Y01	CHIMBORAZO	8.0012	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/30/1906	D.M. Titulado D.L. 109
26	15000193Y01	CHIMBORAZO Nº 1	8.0014	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1/4/1908	D.M. Titulado D.L. 109
27	15001089X01	CLARA	0.5089	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/20/1916	D.M. Titulado D.L. 109
28	010090196A	CMNP-2A	100.0000	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/20/1996	D.M. Titulado D.L. 708
29	010140996	CMNP-4 DE QUIRUVILCA	800.0000	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/10/1996	D.M. Titulado D.L. 708
30	15000132Y01	COLORADO	2.8228	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109
31	15000295Y01	CON NOMBRE	0.5651	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/2/1916	D.M. Titulado D.L. 109
32	15000216Y01	CUBA	1.9264	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/19/1908	D.M. Titulado D.L. 109

33	15000110X01	DOCE DE JULIO	16.0024	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/12/1906	D.M. Titulado D.L. 109
34	15000220Y01	DON RICARDO	12.0018	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/24/1909	D.M. Titulado D.L. 109
35	15001466X01	EL ARCO	5.6504	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/12/1921	D.M. Titulado D.L. 109
36	15001318X01	EL MILAGRO III	2.6210	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	4/4/1917	D.M. Titulado D.L. 109
37	15000097Y01	EL TINGO	3.1508	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/1/1917	D.M. Titulado D.L. 109
38	15000392Y01	EL VERONES	0.0327	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/12/1921	D.M. Titulado D.L. 109
39	15003862X01	ELE	1.2744	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/8/1961	D.M. Titulado D.L. 109
40	15002122X01	ELENA	1.0001	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	6/13/1957	D.M. Titulado D.L. 109
41	15000153Y02	ELEODORA	4.0006	16-G	17	PAN AMERICAN SILVER	8/10/1906	D.M. Titulado D.L. 109

					S.A.C. MINA QUIRUVILCA		
42	15000180Y01	ELISA	8.0017	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	10/13/1906	D.M. Titulado D.L. 109
43	15000185Y01	ELVIRA	12.0018	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	5/30/1906	D.M. Titulado D.L. 109
44	15000189Y01	ELVIRA GRACIELA	12.0015	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	5/30/1906	D.M. Titulado D.L. 109
45	15000192Y01	ELVIRA Nº 1	16.0023	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	1/4/1908	D.M. Titulado D.L. 109
46	15000191Y01	ELVIRITA	2.0004	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	1/4/1908	D.M. Titulado D.L. 109
47	15000152Y01	EMMA	0.2684	17-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	8/9/1906	D.M. Titulado D.L. 109
48	15022198X01	ENA	1.0002	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	10/9/1957	D.M. Titulado D.L. 109
49	15000138Y01	ESPERANZA	2.8230	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109

50	15000199Y01	ETELVINA	4.9682	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	11/10/1908	D.M. Titulado D.L. 109
51	15000137Y01	FE	2.8229	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109
52	15009183X01	FEDERAL Nº 6	3.7443	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	11/11/1981	D.M. Titulado D.L. 109
53	15003867X01	FELIX	0.4758	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/16/1961	D.M. Titulado D.L. 109
54	15003868X01	FELIX QUINTA	0.3836	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/16/1961	D.M. Titulado D.L. 109
55	15000247Y01	FELIX SEGUNDA	20.3411	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/10/1916	D.M. Titulado D.L. 109
56	15002032X01	FELIX TERCERA	1.0002	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1/26/1957	D.M. Titulado D.L. 109
57	15000485Y01	FERMIN	48.0072	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/28/1926	D.M. Titulado D.L. 109
58	15001319X01	FORTUNATO	2.8468	17-G	17	PAN AMERICAN SILVER	11/15/1916	D.M. Titulado D.L. 109

					S.A.C. MINA QUIRUVILCA		
59	15000137X01	GAUDENCIA	0.8518	17-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	9/3/1906	D.M. Titulado D.L. 109
60	15000471Y01	HABANA	0.0034	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	4/26/1929	D.M. Titulado D.L. 109
61	15001529X01	HARDING	0.7173	17-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	1/7/1922	D.M. Titulado D.L. 109
62	15000134Y01	HUASCO	6.5972	17-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109
63	15001531X01	HUGHES	2.7717	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	1/7/1922	D.M. Titulado D.L. 109
64	15005348X01	IRMA	1.0001	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	9/6/1967	D.M. Titulado D.L. 109
65	15000437Y01	IVAN	3.8877	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	9/30/1927	D.M. Titulado D.L. 109
66	15000470Y01	IVANCITO	0.8567	16-G	PAN AMERICAN SILVER S.A.C. MINA 17QUIRUVILCA	4/26/1929	D.M. Titulado D.L. 109

67	15000976X01	JESUS	0.0679	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1889-01-12	D.M. Titulado D.L. 109
68	15002302X01	JOSE GODOY	20.0033	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	4/10/1946	D.M. Titulado D.L. 109
69	15000149Y01	JOSEFINA	2.0004	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/30/1906	D.M. Titulado D.L. 109
70	15001535X01	KATO	0.2400	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1/7/1922	D.M. Titulado D.L. 109
71	15001273X01	LA ALEGRIA	1.0696	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/12/1918	D.M. Titulado D.L. 109
72	15000143Y01	LA AMOROSA	1.6919	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1899-08-16	D.M. Titulado D.L. 109
73	15001271X01	LA AVISPA	0.2155	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/12/1918	D.M. Titulado D.L. 109
74	15007467X01	LA CODICIADA	2.2999	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/29/1979	D.M. Titulado D.L. 109
75	15000928X01	LA ESPERANZA	4.0005	17-G	17	PAN AMERICAN SILVER	3/16/1916	D.M. Titulado D.L. 109

S.A.C.
MINA
QUIRUVILCA

Nº	CODE	CONCESSION	HECTARES	LETTER	ZONE	TITLE TO	DATE RECEIVED	D_STATE
76	15000178Y01	LA INGRATITUD	0.8663	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/8/1907	D.M. Titulado D.L. 109
77	15001111X01	LA JUSTICIA	1.9590	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	2/12/1917	D.M. Titulado D.L. 109
78	15001472X01	LA MONITA	0.2171	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/14/1921	D.M. Titulado D.L. 109
79	15001269X01	LA QUEBRADA	1.5654	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/12/1918	D.M. Titulado D.L. 109
80	15000186Y01	LA RATONERA	4.0005	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/15/1907	D.M. Titulado D.L. 109
81	15000197Y01	LA RECUPERADA	1.5398	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/11/1945	D.M. Titulado D.L. 109
82	15001992X01	LA RESTAURADORA	1.2017	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/15/1945	D.M. Titulado D.L. 109
83	15000195Y01	LA VENGANZA	2.0005	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	11/4/1905	D.M. Titulado D.L. 109
84	15000345X01	LABERINTO	3.7182	16-G	17	PAN AMERICAN SILVER S.A.C. MINA	1/4/1908	D.M. Titulado D.L. 109

85	15000515X01	LEALTAD	6.9717	16-G	17	QUIRUVILCA	7/1/1911	D.M. Titulado D.L. 109
86	15001268X01	LOS ARREGLOS	2.0002	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/12/1918	D.M. Titulado D.L. 109
87	15000238Y01	LOS DOS AMIGOS	4.9043	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/12/1914	D.M. Titulado D.L. 109
88	15001832X01	LUCHO	1.3471	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/30/1928	D.M. Titulado D.L. 109
89	15001585X01	LUISA	0.7242	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	6/28/1922	D.M. Titulado D.L. 109
90	15001019X01	LUZ ANGELICA	0.6231	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	8/23/1916	D.M. Titulado D.L. 109
91	15000442Y01	MAINE	4.7656	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/30/1927	D.M. Titulado D.L. 109
92	15002283X01	MANUELITA	2.2298	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	2/22/1958	D.M. Titulado D.L. 109
93	15005544X01	MARIA ISABEL	3.4530	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	6/13/1968	D.M. Titulado D.L. 109
94	15000253Y01	MARIA VIOLETA	0.4907	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/17/1916	D.M. Titulado D.L. 109

95	15000927X01	MARINA	6.0011	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/16/1916	D.M. Titulado D.L. 109
96	15001534X02	MEDIO PENIQUE	1.0048	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1/7/1922	D.M. Titulado D.L. 109
97	15000141Y01	MERCED	1.3979	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1890-08-29	D.M. Titulado D.L. 109
98	15000913X01	MI MEME	30.0040	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/7/1906	D.M. Titulado D.L. 109
99	15000184Y01	MOROCOCHA	6.0013	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	11/8/1906	D.M. Titulado D.L. 109
100	15000423X01	N.P. Nº 47	1.0001	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/1/1950	D.M. Titulado D.L. 109
101	15001272X01	NO MAS MULAS	2.9945	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/12/1918	D.M. Titulado D.L. 109
102	15002584X01	NORTE PERU Nº 24	0.3246	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/18/1949	D.M. Titulado D.L. 109
103	15002585X01	NORTE PERU Nº 25	9.4888	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/18/1949	D.M. Titulado D.L. 109
104	15002587X01	NORTE PERU Nº 27	2.0481	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/18/1949	D.M. Titulado D.L. 109
105	15002604X01		8.0010	16-G	17		5/23/1949	

		NORTE PERU Nº 38				PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA		D.M. Titulado D.L. 109
106	15002605X01	NORTE PERU Nº 39	8.0014	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/23/1949	D.M. Titulado D.L. 109
107	15002718X01	NORTE PERU Nº 50	1.1141	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/19/1958	D.M. Titulado D.L. 109
108	15004168X01	OLGA	5.0456	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/23/1961	D.M. Titulado D.L. 109
109	15000451Y01	OLVIDADO	0.1553	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	6/28/1922	D.M. Titulado D.L. 109
110	15004338X01	ORION	0.0631	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/4/1962	D.M. Titulado D.L. 109
111	15000346X01	PAPELILLO	2.8230	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1886-09-22	D.M. Titulado D.L. 109
112	15001749X01	PERU	0.7287	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	2/20/1926	D.M. Titulado D.L. 109
113	15000145Y01	PORVENIR	5.8076	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/23/1909	D.M. Titulado D.L. 109
114	15000621X01	PRECISA	2.4120	16-G	17	QUIRUVILCA	8/21/1913	
115	15001678X01	PRINZAPOLCA	36.0049	16-G	17		6/7/1923	

						PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA		D.M. Titulado D.L. 109
116	15000140Y01	PROGRESO	8.4682	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109
117	15007469X01	PUERTO ARTURO	1.4676	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/29/1979	D.M. Titulado D.L. 109
118	15000802Y01	RAQUEL	1.0002	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/6/1967	D.M. Titulado D.L. 109
119	15001933X01	RENATA	3.8927	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	11/22/1933	D.M. Titulado D.L. 109
120	15001112X01	REYNA MORA	0.3394	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	2/12/1917	D.M. Titulado D.L. 109
121	15000920X01	RICARDITO	12.0021	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/10/1916	D.M. Titulado D.L. 109
122	15001586X01	RIGHT NUMBER ONE	0.0787	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	6/28/1922	D.M. Titulado D.L. 109
123	15000254Y01	SALCHICHA	3.1577	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	3/20/1916	D.M. Titulado D.L. 109
124	15000380X01	SAN ANDRES	0.5776	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/25/1909	D.M. Titulado D.L. 109
125	15000196Y01		2.0001	16-G	17		1/16/1909	

		SAN JUAN				PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA		D.M. Titulado D.L. 109
126	15000139Y01	SAN MARCELO	0.1717	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	1899-08-02	D.M. Titulado D.L. 109
127	1500784AY01	SAN MARTIN Nº 28-A	1.0456	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/19/1962	D.M. Titulado D.L. 109
128	15000194Y01	SAN MIGUEL	1.5209	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/13/1908	D.M. Titulado D.L. 109
129	010188697A	SANTA CATALINA	400.0000	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/2/1997	D.M. Titulado D.L. 708
130	15000172Y01	SEGURIDAD	2.0002	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/13/1906	D.M. Titulado D.L. 109
131	15003869X01	SEXTA	0.3302	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	5/16/1961	D.M. Titulado D.L. 109
132	P0100302	SHOREY	261.0006	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA		Planta de Beneficio
133	15000368X01	SIN NOMBRE	0.3594	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	7/1/1908	D.M. Titulado D.L. 109
134	15000171Y01	SOTA DE OROS	6.0008	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	10/13/1906	D.M. Titulado D.L. 109
135	030013303		100.0000	16-G	17		3/13/2003	

		TAMARA X				COMPRADA A JAIME ANTONIO HORNA BANCES EN PROCESO DE TRANSFERENCIA A PAS		D.M. Titulado D.L. 708
136	15000177Y01	TOTOROTA	2.1885	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	4/27/1907	D.M. Titulado D.L. 109
137	15000444Y01	WEDGE	0.3128	16-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	12/13/1921	D.M. Titulado D.L. 109
138	15001846X01	ZAMBITA	0.5127	17-G	17	PAN AMERICAN SILVER S.A.C. MINA QUIRUVILCA	9/14/1916	D.M. Titulado D.L. 109
139	1500301AY01	CLARA-A	0.0564	16-G	17	CORPORACION MINERA NOR PERU S.A.	12/20/1916	D.M. Titulado D.L. 109
140	1500299AY01	REYNA MORA-A	0.1448	17-G	17	CORPORACION MINERA NOR PERU S.A.	2/12/1917	D.M. Titulado D.L. 109

The list of Mining Properties that were reviewed by Rodrigo, Elias & Medrano, Lima, Peru are shown in Table 6-2:
Table 6-2: List of mining concessions held by PASQ reviewed (the Mining Properties)

No.	Mining Property	Code	Area (Hectares)	Debts regarding validity fees	Penalties
1	ACUMULACION QUIRUVILCA 1*	15010733X01	942.2558	All paid up to 2007	No pending debt
2	ACUMULACIÓN QUIRUVILCA 4*	15010757X01	985.9382	All paid up to 2007	No pending debt
3	ADELINA	15000334Y01	2.8153	All paid up to 2007	No pending debt
4	AGRIPINA	15001584X01	0.2203	All paid up to 2007	No pending debt
5	ANA MARIA	15000179Y01	2.2925	All paid up to 2007	No pending debt
6	ATABOY	15001526X01	0.1	All paid up to 2007	No pending debt
7	ATAHUALPA	15001250X01	10.0019	All paid up to 2007	No pending debt
8	BERTA	15001088X01	8.0015	All paid up to 2007	No pending debt
9	BRONCE	15000133Y01	2.0526	All paid up to 2007	No pending debt
10	CABALLO DE OROS	15000203Y01	4.8095	All paid up to 2007	No pending debt
11	CENTENARIO	15001686X01	3.9687	All paid up to 2007	No pending debt
12	CERRO DE PASCO	15001270X01	1.7045	All paid up to 2007	No pending debt
13	CHIMBORAZO	15000150Y01	8.0012	All paid up to 2007	No pending debt
14	CHIMBORAZO Nº 1	15000193Y01	8.0014	All paid up to 2007	No pending debt
15	CLARA	15001089X01	0.5089	All paid up to 2007	No pending debt
16	CMNP-2A*	010090196A	34.0768	All paid up to 2007	No pending debt
17	COLORADO	15000132Y01	2.8228	All paid up to 2007	No pending debt
18	CUBA	15000216Y01	1.9264	All paid up to 2007	No pending debt
19	DOCE DE JULIO	15000110X01	16.0024	All paid up to 2007	No pending debt
20	ELE	15003862X01	1.2744	All paid up to 2007	No pending debt
21	ELENA	15002122X01	1.0001		

				All paid up to 2007	No pending debt
22	ELEODORA	15000153Y02	4.0006	All paid up to 2007	No pending debt
23	ELVIRA	15000185Y01	12.0018	All paid up to 2007	No pending debt
24	ELVIRA GRACIELA	15000189Y01	12.0015	All paid up to 2007	No pending debt
25	ELVIRA N° 1	15000192Y01	16.0023	All paid up to 2007	No pending debt
26	ELVIRITA	15000191Y01	2.0004	All paid up to 2007	No pending debt
27	EMMA	15000152Y01	0.2684	All paid up to 2007	No pending debt
28	ESPERANZA	15000138Y01	2.823	All paid up to 2007	No pending debt
29	FELIX	15003867X01	0.4758	All paid up to 2007	No pending debt
30	FELIX QUINTA	15003868X01	0.3836	All paid up to 2007	No pending debt
31	FELIX SEGUNDA	15000247Y01	20.3411	All paid up to 2007	No pending debt
32	FELIX TERCERA	15002032X01	1.0002	All paid up to 2007	No pending debt
33	GAUDENCIA	15000137X01	0.8518	All paid up to 2007	No pending debt
34	HABANA	15000471Y01	0.01	All paid up to 2007	No pending debt
35	HUASCO	15000134Y01	6.5972	All paid up to 2007	No pending debt
36	HUGHES	15001531X01	2.7717	All paid up to 2007	No pending debt
37	IRMA	15005348X01	1.0001	All paid up to 2007	No pending debt
38	IVAN	15000437Y01	3.8877	All paid up to 2007	No pending debt

No.	Mining Property	Code	Area (Hectares)	Debts regarding validity fees	Penalties
39	IVANCITO	15000470Y01	0.8567	All paid up to 2007	No pending debt
40	JESÚS	15000976X01	0.0679	All paid up to 2007	No pending debt
41	KATO	15001535X01	0.24	All paid up to 2007	No pending debt
42	LA ALEGRÍA	15001273X01	1.0696	All paid up to 2007	No pending debt
43	LA AMOROSA	15000143Y01	1.6919	All paid up to 2007	No pending debt
44	LA JUSTICIA	15001111X01	1.959	All paid up to 2007	No pending debt
45	LA MONITA	15001472X01	0.2171	All paid up to 2007	No pending debt
46	LA QUEBRADA	15001269X01	1.5654	All paid up to 2007	No pending debt
47	LA RATONERA	15000186Y01	4.0005	All paid up to 2007	No pending debt
48	LABERINTO	15000345X01	3.7182	All paid up to 2007	No pending debt
49	LEALTAD	15000515X01	6.9717	All paid up to 2007	No pending debt
50	LOS ARREGLOS	15001268X01	2.0002	All paid up to 2007	No pending debt
51	LUISA	15001585X01	0.7242	All paid up to 2007	No pending debt
52	LUZ ANGÉLICA	15001019X01	0.6231	All paid up to 2007	No pending debt
53	MAINE	15000442Y01	4.7656	All paid up to 2007	No pending debt
54	MANUELITA	15002283X01	2.2298	All paid up to 2007	No pending debt
55	MARÍA VIOLETA	15000253Y01	0.4907	All paid up to 2007	No pending debt
56	MEDIO PENIQUE	15001534X02	1.0048	All paid up to 2007	No pending debt
57	MOROCOCHA	15000184Y01	6.0013	All paid up to 2007	No pending debt
58	NORTE PERÚ N° 39	15002605X01	8.0014	All paid up to 2007	No pending debt
59	PAPELILLO	15000346X01	2.823	All paid up to 2007	No pending debt

60	PERU	15001749X01	0.7287	All paid up to 2007	No pending debt
61	PORVENIR	15000145Y01	5.8076	All paid up to 2007	No pending debt
62	PRECISA	15000621X01	2.412	All paid up to 2007	No pending debt
63	PRINZAPOLCA	15001678X01	36.0049	All paid up to 2007	No pending debt
64	REYNA MORA	15001112X01	0.3394	All paid up to 2007	No pending debt
65	RIGHT NUMBER ONE	15001586X01	0.0787	All paid up to 2007	No pending debt
66	SAN ANDRES	15000380X01	0.5776	All paid up to 2007	No pending debt
67	SAN JUAN	15000196Y01	2.0001	All paid up to 2007	No pending debt
68	SAN MARCELO	15000139Y01	0.1717	All paid up to 2007	No pending debt
69	SAN MIGUEL	15000194Y01	1.5209	All paid up to 2007	No pending debt
70	SEGURIDAD	15000172Y01	2.0002	All paid up to 2007	No pending debt
71	SOTA DE OROS	15000171Y01	6.0008	All paid up to 2007	No pending debt
72	TAMARA X	30013303	30.8252	All paid up to 2007	No pending debt
73	TOTOROTA	15000177Y01	2.1885	All paid up to 2007	No pending debt
74	WEDGE	15000444Y01	0.3128	All paid up to 2007	No pending debt
75	ZAMBITA	15001846X01	0.5127	All paid up to 2007	No pending debt
76	REYNA MORA-A	1500299AY01	0.1448	All paid up to 2007	No pending debt
77	CLARA-A	1500301AY01	0.0564	All paid up to 2007	No pending debt

6.3 Property Ownership

The Quiruvilca Mine is owned and operated by PASQ, a company in which PAS, indirectly through its subsidiaries, owns 100% of the outstanding voting shares and 99.93% of the total outstanding equity. Pan American Silver S.A.C. Mina Quiruvilca and Cia Minera Huaron merged to form PASQ effective January 2006.

PAS is the continuing corporation of Pan American Energy Corporation, which was incorporated under the *Company Act* (British Columbia) on March 7, 1979. PAS underwent two name changes by way of amendment to its memorandum, the last occurring on April 11, 1995, when the present name was adopted. Amendments to the memorandum of PAS to date have been limited to name changes and capital alterations. In May of 2006, PAS obtained shareholder approval to amend its memorandum and articles including the increase in the authorized share capital of PAS from 100,000,000 to 200,000,000 common shares in connection with PAS required transition under the *Business Corporations Act* (British Columbia).

PAS head office is situated at 1500 625 Howe Street, Vancouver, British Columbia, Canada, V6C 2T6 and its registered and records offices are situated at 1200 Waterfront Centre, 200 Burrard Street, Vancouver, British Columbia, Canada, V7X 1T2. PAS web site can be found at www.panamericansilver.com.

6.4 Agreements

To the best of PAS knowledge, the Quiruvilca property is not subject to any royalties or encumbrances other than the Peruvian mining royalty tax. In June 2004, Peru s congress approved a bill that allows royalties to be charged on mining projects based on net smelter returns. The progressive rates are as followed:

1.0% for companies with sales up to $60 million
2.0% for companies with sales between $60 to $120 million
3.0% for companies with sales greater than $120 million

From 2004 to 2006 Quiruvilca was in the lower bracket of 1% and paid an approximate amount of $0.7 million in 2006, $0.2 million in 2005 and $0.1 million in 2004. The royalty payments are tax deductible in the Peruvian tax regime.

6.5 Permits

There are no citations or orders outstanding regarding the Quiruvilca Mine property. All permits required for the conduct of Quiruvilca mining operations are currently in good standing. These permits are:

The Industrial Liquid Effluent Discharge Permit, granted through the Direccion General de Salud Ambiental (DIGESA), a subsection of the Ministerio del Salud , was renewed in 2007 and is valid for a two year period, at which time it will require renewal.

The Municipal Liquid Effluent Discharge Permit, granted through DIGESA, was renewed in August 2006 and does not require renewal unless a change to the disposal method or flows is anticipated.

The Domestic Landfill Permit, granted by DIGESA, was renewed in 2007, and is valid for a two year period. Prior to expiry, the mine will need to identify and construct a new area for a landfill as the existing area will reach its storage capacity.

The Domestic and Industrial Water Use Permit, granted by the Instituto de Recursos Naturales (INRENA) is valid and does not required renewal unless a change to the water requirements is identified.

The Operating Permit, granted by the Peruvian Ministry of Energy and Mines (MEM) was granted in 1980 for processing throughputs of up to 2,000 tonnes per day and does not require renewal unless an increase of the maximum throughput is planned.

The Waste Storage Permits, granted by MEM, are valid and the stability assessments for the impoundments have been approved. These do not require renewal unless a change is proposed to the impoundments not previously identified in the stability assessment reports.

6.6 Liabilities

Quiruvilca s largest liability relates to its future closure and remediation. In 2006, assisted by SVS Ignenieros S.A, a certified third party consultant, PAS completed and submitted a closure plan to the MEM. The cost estimate associated with the closure plan carried a present value of $14.3 million for future reclamation and asset retirement and has since been updated to $15.6 million. Review of the closure plan by MEM is still in progress. In each of 2005 and 2006, $0.8 million was spent on reclamation activities.

A summary of details regarding the closure plan are included under Environmental Considerations in section 0.

The most significant current environmental issues and sources of potential liabilities associated with the Quiruvilca Mine are metal-laden acid water discharged from the mine, acid rock drainage from the mine s tailings and waste rock deposit areas and the containment and stability of mine tailings ponds. All acid water discharged from the Quiruvilca Mine is either treated at the mine s High Density Sludge plant, or by passive systems. All streams permitted to receive discharged effluents are monitored and reported. PASQ has been very diligent and throughout 2006 did not have any reportable incidents where discharge limits were exceeded.

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

7.1 Accessibility

Access to the property is via a 137 km road from Trujillo. While the first 65km are paved, the remaining 72km is via gravel roads. However, a project to upgrade the remaining stretch of gravel to asphalt is proposed for 2007-2008, with the majority of the proposed work being paid for by Barrick Gold Corporation (Barrick) to provide access to their Alto Chicama mine.

7.2 Climate And Physiography

The relief at the mine site is hilly and uneven with local slopes of more than sixty degrees, typical of the Peruvian Andes (Photograph 1). Natural vegetation is mainly grasses which form meadows. These meadows have permitted development of varied livestock operations.

The climate at the mine site is classified as cold climate or boreal . Average minimum and maximum temperatures in the region range from 5.7 to 14.8 degrees Celsius. One of the characteristics of this climate is wet summers (highest rainfall occurs from January to April) and dry winters. The Quiruvilca Mine operates throughout the entire year.

The Quiruvilca Mine property is geographically centered at 8°1 S and 78°21 W in the Andes mountain range above the tree line at elevations ranging from 3,450 to 4,075 m above sea level.

Photograph 1: Landscape looking north from the Shorey Milling Facility, taken September 2007.

7.3 Local Resources and Infrastructure

7.3.1 Manpower

As of December 31, 2006, PASQ employed 890 persons (375 permanent and 515 temporary) in connection with the operation of the Quiruvilca Mine. Approximately 278 of the workers employed by PASQ are members of either the Sindicato de Trabajadores de Pan American Silver S.A.C. Mina Quiruvilca (Quiruvilca Union) or the Sindicato de Trabajadores de Shorey y Anexos (Shorey Union).

7.3.2 Infastructure

The mine is accessed by four adits driven into the side of the mountain at elevations ranging from 3,648m to 3,870m. An operating shaft services the workings above the 220 level. Ore and waste from these upper levels is gravity fed down ore and waste passes to the 220 level.

Construction of a mine deepening program is underway to develop major veins in the southern area of the property to the 400 and 460 levels. This program includes the development of an inclined shaft between the 400 level and the 340 level. Another shaft accesses ore below the 220 level in the North Zone, this shaft has been flooded to the 220 level since 2003; however, the hoist room is above the current water table and the hoist is kept on a care and maintenance basis.

The milling facilities are located in Shorey, a small community centered at approx. 77,650E and 33,100N (local mine coordinates) as shown in Figure 6-2. Major components of the mill were installed in the 1950 s and 1960 s, with the exception of the primary grinding circuit that was installed in 1981. The components have been well maintained and other minor upgrades have been added. There are no major capital investments planned in the mill for the next three years.

The mill flow sheet consists of three-stage-crushing, ball mill grinding and selective flotation of the ore to produce copper, lead and zinc concentrates, followed by thickening and filtering of the concentrates.

In 2006, daily treatment averaged 1,287 tonnes and the current daily throughput in 2007 is 1,150 tonnes, with the mill working six days a week. In 2006, the concentrator plant processed 370,115 tonnes of ore.

There is extensive piping that collects acidic water from mine workings and various surface run-offs to the mine s High Density Sludge neutralization plant, located at the entrance of the Almirvilca tunnel. The treatment plant capacity is being upgraded from a capacity of 400 m^3/hr to 550 m^3/hr, with an approximate capital expenditure of $225,000. Sediments collected from this process are either sent to tailings, used as hydraulic backfill in old mine workings, or are used in the ongoing concurrent reclamation program.

The final tailings from the mill are pumped to the Santa Catalina tailings impoundment. The capacity of this dam is being expanded and is projected to be completed by the end of 2007 to ensure the life of mine requirements presented in this Technical Report can be met. The old San Felipe impoundment receives sludge from the High Density Sludge plant and a small raise in dam height is planned for 2008.

The primary source of power for the Quiruvilca Mine is the Peruvian national power grid via a 138 kV line from the city of Trujillo to the Motil substation. A 33 kV line connects the mine site to the Motil substation. PASQ owns and operates a diesel generating system, which provides a back up source of power for the Quiruvilca Mine.

7.3.3 Water Supply

Quiruvilca draws its process water from several sources, which vary seasonally depending on reservoir levels.

La Merced Creek: The cheapest and cleanest fresh water supply is located directly south of the Santa Catalina tailings impoundment. It is gravity fed over a relatively short distance; however, the creek does not run during the dry season.

Purida River: This river feeds the Shorey water tanks that feeds the mill and camps. There is a pump station close to where the river passes underneath the road, right before Shorey Village.

Santa Catalina Tailings Impoundment: Reclaim water is pumped from the toe of the main dam during the dry season.

Almiranta Reservoir: The reservoir collects water in its catchment area during the rainy season and feeds the mine and town of Quiruvilca by gravity. A project to increase the height of the retaining structure is planned by PASQ in 2008 pending confirmation of surface rights from Barrick, who holds the surface rights for this area.

Los Angeles Lake: This lake is pumped via a steel pipeline to the Almiranta Reservoir during the dry season as the reservoir empties. There is a capital request to replace this pipeline in 2008.

Mr. Martin Wafforn, P.Eng, one of the authors of this Technical Report, has verified that the water quality and water supply is sufficient for the Quiruvilca mining operation.

8. History

8.1 Discovery

Mineralization was first reported in the area of the Quiruvilca Mine in 1789 as part of the Porcon Farm. Small-scale silver mining in the area was carried on from the 1870 s until 1924. However, some workings may be observed on the surface that were typical of the Spanish and Portuguese during the Viceregal Years (ie, during the 1540 s).

8.2 ASARCO Incorporated

From 1925 to 1995, the Quiruvilca property was mined by Northern Peru Mining and Smelting Co (NPMS), a wholly own subsidiary of ASARCO Incorporated (ASARCO). Initially, mining by NPMS focused on the copper bearing veins, but gradually, focus was shifted to veins in the Zinc-Lead Zone.

Operations were shut down in 1931 and re-opened in 1940 with the construction of a flotation plant. By March 1967, the mill started to treat complex ores producing copper, lead and zinc concentrates.

8.3 Pan American Silver

8.3.1 Pan American Acquisition of Quiruvilca Mine

The Quiruvilca Mine was PAS first producing mine.

During August 1995, PAS acquired 80% of the outstanding voting shares (representing a 53.3% total equity interest) in the Quiruvilca Mine from NPMS, and between September 1995 and March 1996, it increased its interest to 100% of the outstanding voting shares and 99.7% of the total outstanding equity.

When PASQ first purchased Quiruvilca, ASARCO was granted a 20% royalty on net profit, which was purchased by Coeur d Alene Mines Corp in 1999. PAS purchased the royalty in 2000 for 140,000 common shares, 100,000 share purchase warrants exercisable for three years at $5 per share, and $50,000 cash.

Since 1995, PAS has undertaken a program of capital and non-operating expenditures at the Quiruvilca Mine to improve its operations, ensure compliance with its Program for Environmental Remediation and Management (PAMA), and reduce operating costs.

By the end of 1996, PAS had flattened the Quiruvilca Mine management structure, reducing the original six levels of management between the Mine Superintendent and the front line supervisors or shift bosses to a maximum of three levels, to streamline the organization and improve communication in the management structure. PAS also improved the mine s geology department, so that stopes were mapped and sampled after every blast to provide a better understanding of vein width and grade variation and to make reserve calculation a more relevant tool for mine planning. Since September 1995, PAS has increased the size of this department from two to five full-time geologists. The mine s geology department now provides a full grade control function.

On March 25, 2004, PASQ sold 6,839 hectares of mining concessions and surface rights in the vicinity of the Quiruvilca Mine to Barrick for $3,582,575 and for the assumption of $67,425 of payments owing in respect of these mining concessions.

During 2006, capital expenditures were approximately $1.9 million and consisted of equipment replacement and improvements totalling $0.5 million, mine development and deepening to the 400 level totalling $0.5 million, and definition drilling in the north zone of the mine totalling $0.9 million. An additional $0.8 million was allocated towards ongoing closure expenditures.

PAS has a budgeted capital program totalling $4.5 million for 2007 at the Quiruvilca Mine consisting primarily of $1.7 million for mine development and equipment, $0.2 million in the mill, $0.9 million for maintenance, $0.1 million towards safety, and $1.6 million for other projects, including the expansion of the Santa Catalina tailings dam. A further $0.3 million is planned for ongoing reclamation.

Total production at the Quiruvilca Mine, from 1990 to 2006, is reported in Table 8-1.

Table 8-1: Production history since 1990 at the Quiruvilca Mine

MILL PRODUCTION AT QUIRUVILCA MINE

		Silver	Copper	Lead	Zinc	Tonnes of Concentrate		
	Tonnes Milled	(ounces)	(tonnes)	(tonnes)	(tonnes)	Copper	Lead	Zinc
2006	370,115	2,105,457	1,334	2,574	8,712	6,665	4,669	15,649
2005	362,192	2,234,838	1,307	2,761	9,697	7,017	5,109	17,347
2004	381,237	2,536,030	1,081	3,797	11,709	6,357	6,710	20,639
2003	442,093	2,493,909	1,811	4,361	12,509	7,153	7,495	22,230
2002	508,352	2,509,691	1,108	6,469	17,853	4,715	11,020	30,770
2001	568,451	3,259,372	1,204	8,358	21,008	5,489	13,963	36,146
2000	615,382	3,612,156	1,215	8,735	24,461	6,067	1,484	41,928
1999	652,584	3,237,887	1,098	7,325	23,334	5,404	12,064	39,922
1998	537,705	3,111,472	1,058	6,124	2,238	5,626	10,265	38,415
1997	580,560	2,834,166	1,281	5,581	22,597	6,174	9,148	38,793
1996	459,660	2,617,645	1,152	5,231	19,457	5,988	8,414	34,603
1995	452,720	2,505,854	878	5,499	17,663	4,159	8,772	31,742
1994	465,499	2,650,248	390	6,270	18,687	2,350	10,116	32,698
1993	398,705	2,268,305	240	5,482	16,878	1,408	9,047	29,731
1992	339,268	1,794,588	194	3,812	12,443	1,096	6,660	22,348
1991	383,884	2,449,326	471	4,345	13,615	2,597	7,928	24,452
1990	417,048	2,447,259	276	4,696	15,326	2,762	8,623	27,614
	7,935,455	**44,668,203**	**16,098**	**91,420**	**268,187**	**81,027**	**141,487**	**505,027**

* Prior to Pan American Silver acquisition.

9. Geogolgy

9.1 Regional Geology

The regional geology is dominated by the Lower Cretaceous to Tertiary sedimentary sequence of the Zaña group, equivalent to the Goyllarisquizga Group in central Peru which contains the Chimu, Santa, Carrhuaz and Farrat Formations. At the transition of Lower to Upper Cretaceous time, the limestones of the Chulec, Pariatambo and Huaylas Formations were deposited. The continental and marine sedimentary sequence was later covered by the Calipuy Volcanics containing up to 2,000 m of flows and pyroclastic breccias, which range from rhyolitic to dacitic composition at the base and more andesitic composition at the top and are intercalated by lacustrine sediments. See Figure 9-1 for a map of regional geology.

The Calipuy Formation in northern Peru is of important economic significance hosting a large part of the gold mineralization.

The entire sedimentary sequence was later affected by a NE-SW oriented compressional event causing NW-SE striking folding and thrust faults.

The main intrusive rock formation in northern Peru is the Coastal Batholith of Cretaceous - Tertiary age, comprising of granodiorite with variations to diorite, granite and tonalites, forming a 20 to 50 km NW-SE striking band along the Peruvian coast. Other minor and more recent intrusives may be observed in the region; their composition varies from granodiorite to diorite.

Mineral deposition in the area has been generally categorized into the following five groups (outlined in Figure 9-2), all of which maintain a noticeable NW-SE strike, parallel to the Andean mountain range.

1. **Polymetallic Veins deposits** (Ag-Cu-Pb-Zn): including Quiruvilca, Salpo, Sayapuyo, Algamarca and Hualgayoc.

2. **Epithermal Gold deposits** (Au-Ag): high and low sulphidation; the following deposits have been identified from North to South: Tantahuatay, La Zanja, Sipan, Yanacocha, El Toro, Minaspampa, La Arena, La Virgen, Los Angeles, Tres Cruces, Santa Rosa, Sol de Oro and extending South up to Pierina in Ancash.

3. **Porphyry Copper (Cu-Au) deposits**: including Michiquillay, Sorochuco, La Granja, Cañariaco, Minas Congas, El Galeno and Cerro Corona in Cajamarca, and the Río Blanco project in Piura, near the border with Ecuador.

4. **Eastern band of Au-Veins**: emplaced in the Pataz Batholith and the Marañon Complex, including the Poderosa, Horizonte, Retamas, Buldibuyo and Pagrasho deposits.

5. **Missipssippi Valley Type deposits (Zn-Pb):** including Bongara in the north and San Vicente mine in central Peru.

9.2 Local Geology

The oldest rocks exposed in the Quiruvilca area are the Lower Cretaceous clastic sediments of the Chimu Formation outcropping in the NE of the deposit, which form the basement rocks for the later deposition of the volcanic sequence. The mineralization is hosted by the Calipuy Formation, an extensive oligocene to miocene intrusive-extrusive andesite sequence with an estimated thickness of up to 2,000 m. At Quiruvilca the Calipuy Formation consist of porphyritic andesite flows and flow breccias intercalated by thin basalt flows and tuffaceous lacustrine sediments. The geological environment of the district is interpreted as the central facies of an andesitic strato-volcano complex based on the presence of andesitic plugs, numerous dikes, stocks of andesitic to dacitic composition and on the radial orientation of flows, flow breccias and tuffs dipping away from the andesitic plugs (Bartos, 1987). A sectional representation of the local geology is shown in Figure 9-3.

A quartz monzonite porphyry stock is exposed 2.5 km to the north of the district but is cut by later Pb/Zn/Ag veins, hence of pre-mineralization age. The central zone of the deposits hosts several sericitized dacite stocks and dikes which are believed to be linked to the mineralization. Later on, the area was intruded by a series of unmineralized dacitic domes postdating the mineralization.

Veins are contained in two steeply dipping fracture sets, one trending N60°-70° E, the other N85° E. The N85° E fracture set is part of a set of regional strike-slip faults, centered at Quiruvilca, extending for over 16 km along strike. Figure 9-4 illustrates the orientation of the local structural deformation**.**

A stratiographic section is provided in Figure 9-5.

10. Deposit Types

Quiruvilca is a large polymetallic vein deposit with over 130 different mineralized structures. The mineralization at Quiruvilca is contained in a series of narrow veins filling fractures and faults. Although narrow, the veins at Quiruvilca tend to have an extensive lateral and vertical continuity with abundant splits, cymoid loops, and pinch and swell structures. In some places, the veins show wider ore shoots connected to thinner sub-economic to non-economic zones. Mineralized structures vary in width from thin stringers up to 2 m wide veins.

Veins are typically coarse grained and massive, but in some cases, are vuggy. In many places, there is a well-developed banding in the vein caused by aggregates of sulphides and gangue. The main veins are mostly E-W striking, are more continuous, and have wider widths. Examples include Almiranta, Elisa and Luz Angelica veins, among others. There is a second system of smaller, NE-SW striking tensional veins such as Cieneguilla, Papelillo, Dina, Huasco, Zoila Gata, Compañías veins, among others. Secondary veins and branches also exist; however they, are of limited length, depth, and thicknesses.

Mineralized zones have been confirmed by diamond drilling up to 500 m deep, with further possibility of greater vertical extensions at depth, all within the Calipuy group. Large parts of the main structures have been exploited or have been in production for a long time; hence, more of the current and planned mining activities are focused on tensional and secondary veins.

11. Mineralization

Mineralization in Quiruvilca was emplaced in the previously existing faults and fractures cross-cutting the volcanic host rock., which were formed by several mineralization pulses or periods. Paragenesis for the entire district exhibits four sequential stages of deposition[1]:

Pyrite Stage: quartz, pyrite.

Base Metal Stage: arsenopyrite, galena, enargite, tetrahedrite-tennantite, sphalerite, pyrite, chalcopyrite, stannite, and chatkalite ($Cu_6FeSn_2S_8$).

Sulfosalt Stage: alabandite, marcasite, pyrite, arsenopyrite, quartz, manganaxinite ($Ca_2Mn^{2+}Al_2[OH|BSi_4O_{15}]$), clinozoisite, stibnite, robinsonite, jamesonite, barite, orpiment, realgar, hutchinsonite, geocronite, native arsenic, seligmanite, Pb-As-S glass.

Carbonate Stage: manganoan calcite, rhodochrosite, dolomite, calcite, quartz.

Four mineralized zones can be distinctly recognized, spanning radial outwards in rough oval shaped rings. Ores in the central part of the district are mesothermal and dominated by enargite. The zones from the center outwards are the Enargite Zone, Transition Zone, Lead-Zinc Zone, and Stibnite Zone as shown in Figure 11-1 with respect to the town of Quiruvilca. Mineralization transitions to epithermal filling between the Transition Zone and Lead-Zinc Zone boundary. Most (~70%) of the mining in the past few years has been from veins in the Lead-Zinc Zone.

The paragenesis notably concurs with the fracturing process and thus, horizontal zoning is highly differentiated (see Figure 11-1 and Figure 11-2). Despite the segregated distribution of metallic content, there are consistent metallic constituents present throughout the deposit, indicative of their common source.

The hydrothermal process has affected the surrounding rock close to the veins with sericitization in various degrees. As distance from the vein increases, the predominate alteration of the rock mass become argilzation and further away, becomes propylitization.

[1] Stages of deposition are cited from _http://findarticles.com/p/articles/mi_qa3672/is_/ai_n8763174/pg_7Mineralogical Record.FindArticles.com. 26 Oct. 2007. http://findarticles.com/p/articles/mi_qa3672/is_/ai_n8763174

11.1 Mineral Zoning

Following are short descriptions of the mineralized zones at Quiruvilca:

ENARGITE ZONE

Surface Dimensions: Approx. 2,800 m E-W and 700m N-S

Mineralization Mechanism: Mesothermal

Ore Bearing Minerals: Enargite-pyrite and to a lesser extent chalcopyrite, tennantite, tetrahedrite, sphalerite, galena, hutchinsonite.

Gangue: Barite

TRANSITION ZONE

Surface Dimensions: Up to 1400 m wide around the peripheral of the Enargite Zone.

Mineralization Mechanism: Mesothermal to epithermal

Ore Bearing Minerals: Sphalerite, pyrite, tetrahedrite-tennantite and to a lesser extent galena, marcasite, arsenopyrite, covellite and wurtzite.

LEAD-ZINC ZONE

Surface Dimensions: From 1,000 to 3,000m in width from Transition Zone boundary.

Mineralization Mechanism: Epithermal

Ore Bearing Minerals: Sphalerite and galena and to a lesser extent pyrite, chalcopyrite, tetrahedritetennantite, marcasite, arsenopyrite, gratonite, and wurzite.

STIBNITE ZONE

Surface Dimensions: (larger than 1,000 m from Lead-Zinc zone boundary with irregular shape)

Mineralization Mechanism: Epithermal deposit

Ore Bearing Minerals: Stibnite and arsenopyrite and to a small extent pyrite, sphalerite and galena.

Gangue: Rhodochrosite and quartz.

11.2 Characterization Of Major Veins

Current mining at Quiruvilca is concentrated in two areas categorized as the North Zone and South Zone. Each zone is further categorized into mining areas based on mining access and infrastructure. The general mine scheme is shown in Figure 11-3. The mineralogy of the main veins in production are characterized as follows:

Compania Centro

General Strike:	Varies
Average Dip:	Varies
Average Width:	Varies
Economic Minerals:	Sphalerite (40%), Tetrahedrite (20%), Galena (20%)
Ganague Minerals:	Pyrite (10%), Carbonates (10%)
Texture of Mineralization:	Massive and earthy with brittle subhedral phaneritic grains.
Lithological Matrix:	Varies
Comments:	Vein has been exposed to the 400 level with a noticeable increase in zinc grades.

Luz Angelica

General Strike:	East to West
Average Dip:	75 °
Average Width:	0.61 m
Economic Minerals:	Sphalerite (25%), Tetrahedrite (10%), Galena (20%)
Ganague Minerals:	Pyrite (20%), Calcium and Magnesium Carbonates (10%), Quartz (15%)
Texture of Mineralization:	Massive, compact, and granular.
Lithological Matrix:	Tuff and pyroclastic breach of andesite composite.
Comments:	This has been one of the main production veins in recent years.

Eva

General Strike:	Varies
Average Dip:	Varies
Average Width:	Varies
Economic Minerals:	Sphalerite (25%), Tetrahedrite (15%), Galena (20%)
Ganague Minerals:	Pyrite (30%), Carbonates & Quartz (10%)
Texture of Mineralization:	Massive and compact with subhedral grains of pyrite.
Lithological Matrix:	Varies
Comments:	Production is on 400 level and planned for 460 level.

Betsy

General Strike:	Varies
Average Dip:	Varies
Average Width:	Varies
Economic Minerals:	Sphalerite (30%), Tetrahedrite (10%), Galena (10%), Enargite (10%)
Ganague Minerals:	Pyrite (15%), Quartz (15%), Carbonates (10%)
Texture of Mineralization:	Massive and compact sphalerite and tetrahedrite bands with enargite inbetween.
Lithological Matrix:	Varies
Comments:	The vein is being mined in the upper levels and although the vein has good grades the presence of enargite means that production needs to be controlled and blended.

Dina

General Strike:	Varies
Average Dip:	Varies
Average Width:	Varies
Economic Minerals:	Sphalerite (30%), Tetrahedrite (10%), Galena (10%)
Ganague Minerals:	Pyrite (25%), Quartz (10%), Dolomite (10%), Rhonodite (10%)
Texture of Mineralization:	Varies
Lithological Matrix:	Varies
Comments:	Vein has good widths and silver grades. The mine plan for 2008 includes mining in-part (where grades are higher) below the 220 level.

Elisa

General Strike:	Varies
Average Dip:	Varies
Average Width:	Varies
Economic Minerals:	Tetrahedrite (15%), Calchopyrite (10%), Enargite (10%)
Ganague Minerals:	Pyrite (50%), Quartz (15%)
Texture of Mineralization:	Varies
Lithological Matrix:	Varies
Comments:	Vein has good widths and silver grades. The mine plan for 2008 includes mining in-part (where grades are higher) below the 220 level.

Claudia

General Strike:	N 60 ° E
Average Dip:	65-70 °
Average Width:	0.70 m
Economic Minerals:	Tetrahedrite (20%), Enargite (10%)
Ganague Minerals:	Pyrite (65%), Quartz (5%)
Texture of Mineralization:	Massive with crystallized bands of pyrite and tetrahedrite.
Lithological Matrix:	Pyroclastic breach of andesite composite.
Comments:	This is a high grade silver vein, but with presence of enargite.

Zoila Gata

General Strike:	N 50 ° E
Average Dip:	65-70 °
Average Width:	0.79 m
Economic Minerals:	Sphalerite (40%), Tetrahedrite (10%), Galena (10%)
Ganague Minerals:	Pyrite (20%), Other (20%)
Texture of Mineralization:	Massive and banded with well defined subhedral phaneritic pyrite and sphalerite strips.
Lithological Matrix:	Tuff and pyroclastic breach of andesite composite.
Comments:	Primarily valuable for its zinc content, this vein is often massive sulphide. The zinc grades are increasing with depth and the silver grades are decreasing.

12. Exploration

Historically, there has been over 172,000 m drilled on the Quiruvilca property, as summarized in Table 12-1, and there are over 134,400 channel samples stored in the database. Mineralized structures in the central area of the property are well-understood through past mapping, drilling and mining. Given the nature of the life of mine plan (4 years), the recent realization of higher metal prices is the driver of the mine. As such, the focus of recent exploration work has been limited to extending and delineating known veins. The concept is to extend the life of the mine while utilizing existing infrastructure to minimize development costs. There is a large potential for increasing mineral reserves and resources below the 400 level, as well as finding additional splits and sigmoidal loops branching off known veins.

This Technical Report, with the objective of updating the mineral resources and mineral reserves, does not pertain to any of the historical exploration surveying, mapping or sampling of the surface. The relevant exploration work done pertaining to the mineral resource and reserve estimates are interpreted from surface drilling of HQ and NQ cores, underground drilling of NQ and BQ cores, and underground channel samples.

Table 12-1: Historical dimaond drilling for exploration and delineation at Quiruvilca.

QUIRUVILCA S HISTORICAL DRILLING

YEAR	# Holes Drilled	Metres Drilled
1926 - 1995	447	56,378.31
1995	13	1,788.08
1996	21	3,474.54
1997	44	8,900.51
1998	51	8,686.50
1999	72	9,872.05
2000	128	15,236.30
2001	108	15,188.80
2002	110	15,246.28
2003	33	4,639.78
2004	61	5,691.90
2005	89	10,652.92
2006	95	10,561.85
2007 (Sept)	55	6,127.75
Total	**1,327**	**172,445.57**

All recent diamond drilling since 2005 has been executed by MDH S.A.C, a Peruvian contractor, or by Quiruvilca s own exploration crew, under the directions and supervision of a PASQ geologist. During 2006, a total of 10,562 m of drilling was executed.

All channel sampling is done by PASQ employed samplers, who have successfully undergone PASQ sample training. Samplers are part of the on-site geology department and are directly supervised by a qualified geologist. During 2006, there was 3,774 m of drifting for mineral reserve delineation and access for mining.

The principal structures explored by PASQ in 2006 and 2007 on the Quiruvilca property are:: Zoila Gata, Compania Centro, Luz Angelica, Eva, Betsy, Dina, Elisa, and Claudia. These veins were described in section 11.2.

13. Drilling

Exploration at the Quiruvilca property is conducted using a combination of diamond drilling and underground drifting. Two to three diamond drills are in continuous operation at the property, drilling holes between 50 and 350 m length. Drill core recoveries are generally high and averaged 98% for the surface and 97% for the underground drilling. Positive exploration results are followed by underground drifting and cross-cutting at 70 metre spacing prior to the stope development.

In March 2006 an exploration program was initiated on the Elisa Vein, Jose Godoy, Chimborazo, Jose Godoy Split, and Recuperada veins as shown on Figure 13-1. The program consisted of diamond coring 32 surface holes and 39 underground holes spanning a topographic area of 48 ha. MDH S.A.C, a third party contractor, was retained to perform the drilling under the direction of the site geologist using two drill rigs: a CS-1000 for surface drilling and an Explorer Plus N° 20 for underground drilling.

The program completed 13 surface holes for a total of 2,295 m and an additional 15 underground holes for a total of 1,330 m. Surface drill holes varied from 184 to 305 m length at inclinations between 36°to 82°, while underground drill-holes were oriented 0° to -33° (referenced to the horizontal axis) of 45 to 154 m lengths. Specific details on the completed drill-holes are listed in Table 13-1, assays results are listed in Table 13-2 and 3, and drill-hole sections are shown in Figures 13-2A to 13-2G. Only about 50% of the original program was completed as the information was sufficient for a first pass mineral resource estimation. A detailed infill drill program will start at the beginning of 2008. The remaining 6,937 m of the 2006 drill program was executed in the main production area for infill drilling and lateral vein extension.

Surveys of the drill-hole collars are completed and verified by the engineering department using total station survey instruments. Inclination of the holes are determined by the geologist in the field using a compass to verify the working angle of the drill rods. Down-hole surveys are not used as the holes are generally short and considering the good rock mass quality (with RQD >70), it is assumed that potential deviations are very minor.

Drill hole orientations are planned in order to intersect the targeted vein at an angle as close to 90° as possible. The strike and dip angle of most target veins are known and the true width of a drill intersect can be easily calculated for day to day reporting purposes using trigometric functions. Hole collar information as well as hole lengths, rock types, sampling results and RQD information are loaded into the Datamine database and converted into true width by the software used for mineral resource estimation.

Drill cores are placed in corrugated polyethylene core boxes and transported to the core logging facility on site. The boxes are properly marked and numbered by the drill crews and tags are inserted to indicate the drill depths. After receiving the core, logging is initiated by the geology department. In the first step, the responsible geologist measures the core length between two tags and calculates the core recovery by comparing the core length to the tag depths. Afterwards fracture density is recorded in order to determine the rock quality (RQD). Lithology, structures and alterations are logged and the geologist indicates sampling intervals on the core.

Cores are split in half using a saw with a diamond blade. One half of the core is sent for analysis to the on site laboratory and the other half is stored in the same corrugated polyethylene core boxes in a safe, on-site location. Logging information is entered into the DHLogger software where it is automatically combined with the sampling results from the lab using the Fusion software. Log sheets are printed out for each hole and stored on-site. The electronic database with all the logging information is periodically backed up by the IT department.

Table 13-1: of drill-hole locations and survey from 2006 exploration program of Elisa vein.

Drill Hole ID	Drilling Unit	Level	Northing	Easting	Elevation	Azimuth	Dip	Depth	Start Date	End Date
SURFACE										
Qv- 0001-S-06	L-1000	Surface	9,115,815	795,969	3,963	183º	-36	277	6/10/2006	6/15/2006
Qv- 0002-S-06	L-1000	Surface	9,115,815	795,970	3,963	183º	-76	279	6/15/2006	6/21/2006
Qv- 0003-S-06	L-1000	Surface	9,115,833	795,867	3,953	183º	-36	290.2	6/22/2006	7/2/2006
Qv- 0004-S-06	L-1000	Surface	9,115,835	795,867	3,953	183º	-68	263.1	7/3/2006	7/9/2006
Qv- 0005-S-06	L-1000	Surface	9,115,702	795,763	3,959	183º	-36	294.95	7/10/2006	7/19/2006
Qv- 0006-S-06	L-1000	Surface	9,115,704	795,763	3,959	183º	-65	305.2	7/19/2006	7/26/2006
Qv- 0007-S-06	L-1000	Surface	9,115,779	795,668	3,942	181º	-35	301	7/28/2006	8/3/2006
Qv- 0008-S-06	L-1000	Surface	9,115,781	795,668	3,942	181º	-82	245.45	8/4/2006	8/7/2006
Qv- 0009-S-06	L-1000	Surface	9,115,852	796,071	3,962	180º	-46	184	8/8/2006	8/11/2006
Qv- 0010-S-06	L-1000	Surface	9,115,845	795,777	3,943	173º	-45	202.5	8/11/2006	8/14/2006
Qv- 0011-S-06	L-1000	Surface	9,115,846	795,777	3,943	173º	-74	230.3	8/15/2006	8/17/2006
Qv- 0012-S-06	L-1000	Surface	9,115,853	795,969	3,935	180º	-44	160.5	8/18/2006	8/19/2006
Qv- 0013-S-06	L-1000	Surface	9,115,853	795,969	3,962	175º	-67	239.15	8/20/2006	8/22/2006
UNDERGROUND										
Qv- 0060-U-06	Explorer	100							7/24/2006	7/27/2006
	Pluss # 20		9,115,432	796,849	3,772	355º	Horiz	92.60		
Qv- 0062-U-06	Explorer	100							7/28/2006	8/17/2006
	Pluss # 20		9,115,431	796,849	3,772	290º	Horiz	100.00		
Qv- 0063-U-06	Explorer	100							7/8/2006	8/10/2006
	Pluss # 20		9,115,427	796,883	3,772	326º	Horiz	58.80		
Qv- 0068-U-06	Explorer	100							8/18/2006	8/21/2006
	Pluss # 20		9,115,431	796,849	3,771	328º	-19	154.30		
Qv- 0070-U-06	Explorer	100							8/22/2006	8/24/2006
	Pluss # 20		9,115,432	795,850	3,771	347º	-12	150.50		
Qv- 0072-U-06	Explorer	50							8/26/2006	8/30/2006
	Pluss # 20		9,115,560	796,842	3,838	19º	-33	45.90		
Qv- 0078-U-06	Explorer	50							8/30/2006	9/1/2006
	Pluss # 20		9,115,557	796,840	3,839	290º	-1	50.65		
Qv- 0079-U-06	Explorer	160							8/31/2006	9/16/2006
	Pluss # 20		9,115,462	796,967	3,715	322º	Horiz	151.20		
Qv- 0080-U-06	Explorer	50							9/1/2006	9/9/2006
	Pluss # 20		9,115,557	796,841	3,839	309º	-39	50.20		
Qv- 0081-U-06	Explorer	50							9/10/2006	9/14/2006
	Pluss # 20		9,115,558	796,841	3,941	309º	52	55.00		
Qv- 0082-U-06	Explorer	50							9/14/2006	9/16/2006
	Pluss # 20		9,115,558	796,841	3,941	9º	52	65.05		
Qv- 0083-U-06	Explorer	160							9/19/2006	9/22/2006
	Pluss # 20		9,115,461	796,967	3,715	292º	1	152.00		
Qv- 0084-U-06	Explorer	50							9/18/2006	9/23/2006
	Pluss # 20		9,115,555	796,844	3,840	120º	2	90.00		
Qv- 0086-U-06	Explorer	160							9/23/2006	9/25/2006
	Pluss # 20		9,115,465	796,968	3,715	341º	Horiz	150.30		
Qv- 0087-U-06		50	9,115,554	796,843	3,840	170º	Horiz	70.35	9/24/2006	9/26/2006

Qv- 0060-U-06	Explorer Pluss # 20 Explorer Pluss # 20	100	9,115,432	796,849	3,772	355º	Horiz	92.60	7/24/2006	7/27/2006

Table 13-2: Summary of Elisa Vein drill results from surface drill hole of 2006 exploration.

SUMMARY OF RESULTS FROM SURFACE EXPLORATION PROGRAM 2006

Drill-Hole Number	Structure	Elevation of Intersection	From	To	Measured Width	True Width	Au g/TM	Ag g/t	% Cu	% Pb	% Zn
Qv-0001-S06	Jose Godoy Split	3902	107.4	108.65	1.25	1.08	1.175	143	0.06	4.15	6.7
	Jose Godoy	3860	174.72	178.85	4.13	2.47	1.42	76	0.16	0.4	2.61
	Elisa	3810	26.03	263.99	0.96	0.85	5.466	62	0.33	0.33	0.2
Qv-0002-S06	Jose Godoy Split	3816	154.00	158.88	4.88	2.89	1.458	49	0.07	2.66	3.53
	Jose Godoy	3755	215.48	216.07	0.59	0.55	2.494	67	0.22	2.39	3.25
Qv-0003-S06	Olivia Split	3919	57.36	58.74	1.38	0.69	0.366	59	0.03	1.22	2.81
QV-0004-S06	Zona Olivia Split	3851	109.15	116	6.85	5.98	1.296	88	0.51	0.47	0.91
	Zona Jose Godoy Split	3786	178.8	193	14.2	14.17	0.276	12	0.01	0.54	0.56
	Zona Jose Godoy	3722	248.75	251	2.25	2.22	0.386	22	0.03	1.05	2.3
QV-0005-S06	Zona Jose Godoy Split	3910	92	98.46	6.46	6.36	1.347	45	0.14	0.35	1.64
	Zona jose Godoy	3878	149.85	152.55	2.7	2.22	1.524	315	1.08	0.32	2.5
	Zona Chimborazo	3849	203.4	206.37	2.97	2.87	6.08	35	0.1	0.67	1.98
Qv-0006-S06	Zona Jose Godoy Split	3875	91.6	96.75	5.15	4.85	1.173	29	0.04	0.97	5.04
	Zona jose Godoy	3834	138.52	141	2.48	2.43	0.521	51	0.2	0.69	3.32
	Zona Chimborazo	3730	253.2	255.2	2	2	0.054	286	2.49	1.15	4.95
	Zona Chimborazo	3726	259.20	263	3.8	3.46	0.771	57	0.24	0.07	0.84
	Zona Chimborazo	3718	267.95	274.2	6.25	6.2	0.491	13	0.03	0.34	1.07
QV-0007-S06	Chimborazo	3796	254.52	255.13	0.61	0.53	3.098	51	0.08	0.13	1.24
QV-0008-S06	Zona Jose Godoy	3715	227.66	230.16	2.5	0.86	2.5	104	0.45	1.23	1.94
QV-0009-S06	Olivia Split	3868	134.78	135.2	0.42	0.32	0.163	18	0.02	0.99	1.82
	Veta Jose Godoy Split	3848	159.74	160.28	0.54	0.41	0.558	133	0.07	6.93	7.46
	Veta Jose Godoy Split	3844	165.06	165.45	0.39	0.39	9.823	318	0.81	5.49	9.54
QV-0010-S06	Veta Jose Godoy Split	3837	152.3	153.86	1.56	1.49	3.824	92	0.18	0.6	7.1
	Veta Jose Godoy	3812	185	186.26	1.26	1.2	6.672	77	0.06	3.06	3.7
QV-0011-S06	Veta Jose Godoy Split	3771	180.15	180.88	0.73	0.25	7.447	11	0.02	0.31	0.91
QV-0012-S06	Veta Olivia Split	3923	19.35	19.5	0.15	0.13	1.563	86	0.03	2.92	7.5
QV-0013-S06	Veta Jose Godoy Split	3789	187.84	188.35	0.51	0.5	2.636	44	0.18	0.22	0.92

Table 13-3: Summary of drill results from underground drill holes of 2006 exploration of Elisa vein

SUMMARY OF RESULTS FROM UNDERGROUND EXPLORATION PROGRAM 2006

Drill-Hole Number	Structure	Elevation of Intersection	From	To	Measured True Width	Width	Au g/TM	Ag g/t	% Cu	% Pb	% Zn
Qv-0060-U-06											
Nv100	Veta Esperanza Sur	3,772	71.5	72	0.5	0.48	1.478	255	1.23	6.97	11.81
Qv-0062-U-06											
Nv100	Zona Zinc	3,772	77.1	88.1	11	10.34	0.297	3	0.04	0.09	1.49
	Zona Zinc	3,772	91.10	96.1	5	4.53	0.134	0	0.03	0.03	1.9
	Zona Veta Esperanza Sur	3,772	99.1	100	0.9	0.89	0.568	123	1.36	0.09	1.47
Qv-0063-U-06											
Nv100	Veta Esperanza Sur	3,772	5.85	6.06	0.21	0.17	0.509	41	0.94	0.02	0.25
Qv-0068-U-06											
Nv100	Veta Esperanza Sur	3,764	75.94	76.38	0.44	0.39	1.653	198	4.9	2.57	2.2
	Veta Esperanza Split	3,736	136.71	136.82	0.11	0.11	3.071	723	17.92	6.46	1.43
Qv-0070-U-06											
Nv100	Veta Esperanza	3,757	109.44	110.26	0.82	0.77	1.865	61	1.47	0.04	0.13
	Zona Veta Esperanza Split	3,754	122	123.14	1.14	1.11	0.419	5	1.77	0.02	0.08
Qv-0072-U-06											
Nv 50	Veta Elisa Tensional 2	3,820	37.51	37.7	0.19	0.17	214	56	0.15	0.07	0.04
Qv-0079-U-06											
Nv160	Veta Esperanza Sur	3,719	113.46	113.6	0.14	0.11	1.985	191	1.99	0.5	0.9
Qv-0080-U-06											
Nv 50	Veta Elisa Tensional 2	3,808	49.62	49.83	0.21	0.11	1.54	857	1.91	0.94	4.99
Qv-0081-U-06											
Nv 50	Zona Veta Elisa Tensional 2	3,862	25.7	27.95	2.25	2.06	0.531	172	1.2	0.27	0.36
Qv-0082-U-06											
Nv 50	Veta Elisa Tensional 2	3,870	35.85	36.4	0.55	0.55	1.61	2,418	4.96	0.18	4.08
Qv-0083-U-06											
Nv160	Veta Esperanza Sur	3,719	129.18	130.18	1	1	1.77	117	1.56	0.03	0.23
Qv-0084-U-06											
Nv 50	Veta Esperanza Sur	3,843	76.36	76.71	0.35	0.33	1.075	47	0.14	0.24	0.84
	Veta Esperanza	3,843	80.02	80.23	0.21	0.18	0.543	82	0.1	0.25	1.31
Qv-0086-U-06											
Nv160	Veta Esperanza Sur	3,719	125.53	126.15	0.62	0.56		15	1.48	0.02	0.1

14. Sampling Method and Approach

14.1 Introduction

There are no core or sample recovery problems which could have materially impacted the accuracy and reliability of the results. During 2006, recovery of drill core samples averaged 98% from surface and 97% from underground. There are no core or sample recovery problems which could have materially impacted the accuracy and reliability of the results.

PAS has standardized sampling procedures throughout its operations and ensures through its QPs that its practices meet or exceed industry standards. All sampling is done by PASQ personnel under the direct supervision of the site geology department. Procedures and results were reviewed and approved by the authors of this Technical Report.

Drill-holes are sampled after the core has been logged. A geologist visually determines the vein cuts and marks the sample lengths; lengths vary between 0.10 and 1.5 m. The visual definition of the vein is very simple as they mostly contain massive sulphides with a clear and sharp contact to the unmineralized, volcanic wall rock. Veins at Quiruvilca Mine are typically narrow (< 1.5m) hence vein intersects are sampled across the entire width taking one sample. The samples are then split using a circular saw equipped with a diamond blade. Half of the sample is taken by the geologist to the lab and the other half is stored in the core box. In general, the drill cores are in good condition as the rock mass is typically of good quality (greater than 70 RQD). As such, there are no issues regarding contamination during sample splitting.

Channel sampling is major part of mine development and ore control. Underground sampling is carried out by a trained sample collector and one assistant using a hammer and chisel. For stope sampling, a sample is collected every 3 m across the vein using the chute or access as reference for description of sample location. For sublevels and exploration drifts, samples are collected every 2 m across the vein. In vertical developments, samples are collected every metre. These samples are collected regardless of rock type, mineralized zone width or geological controls and the average grade of the sample is determined. The average sample sent to the laboratory weighs 1 to 1.5 kg.

All samples are sent to the Shorey Lab in Quiruvilca. Within 24hrs of receiving a sample, the lab delivers assay results referenced by number, type, location, and metallic values. Sample numbers are bar coded in the lab and assay results are automatically captured by the LIMS system that has been installed, sent to the geology department and stored in the database.

As of July 31, 2007 there were 134,487 channel and diamond drill core samples in the database; therefore, it is not practical to provide a complete list of individual samples or sample composites with values and estimated true widths.

In the opinion of the authors of this Technical Report., the samples are of an acceptable quality for resource and reserve estimation. To the best of the authors knowledge, there are no factors that may have resulted in a sample bias and the samples are representative.

14.2 Sampling Procedures

Each sample is registered on a sampling card containing the following information: sample number, name of sampler, date, place of sampling, sample type and x, y, and z coordinates.

14.2.1 Drill Core Samples

As soon as a new drill hole has been started, it is numbered following the system explained below. Drill cores must be cleaned of mud and grease by the drill contractor and placed in provided core boxes of adequate size. The cores are transported to the surface logging shack and logged by an experienced geologist.

As soon as possible, the underground survey team conducts a survey of the hole collar to define the x, y and z coordinates as well as dip and azimuth of the drill hole.

Sample intervals are determined by the geologist after the core has been logged.

The hanging-wall and foot-wall are sampled for at least 3 m outside visible mineralization. Barren parts in between mineralized intersections are sampled over their entire length if they are smaller than 6 m.

If the intersects are clearly defined mineralized zones which can be mined separately, the sample length depends on the geology to get independent results for ore and wall rock without compositing.

The responsible geologist indicates with paint on the core boxes where the sampling has to take place and notes the exact distances on the log sheets.

The core is sawn longitudinally in two equal half parts without biasing mineralization.

Core boxes are numbered consecutively and labelled with the correct drill-hole ID and the associated sample ID.

Core boxes are stored on metal or wooden racks for easy handling.

Samples are put into new, clean and transparent plastic bags with two number tags inside and one number and barcode tag outside and closed with a metal strip.

DHLogger software is used for logging and data is exported daily to the central database.

Assay results from exploration and delineation drill holes are emailed to the chief geologist on-site as well as certain staff members in head office for review. Results are entered into the Century LIMS database by the lab and a hard copy is filed by the geology department.

14.2.2 Channel Samples

Channel samples are taken to sample vein structures or other relatively evenly distributed mineralization. They are always taken perpendicular to structures to avoid introducing bias. If there are cross cutting vein systems, they have to be taken very carefully to avoid sampling along a possibly mineralized structure. Each sample location contains three samples taken from the vein, hanging wall and foot wall crossing the entire development width. As of July 31, 2007, the database contained 134,487 records of channel samples all cutting mineralized veins which are or have been in production. Due to the large amount of samples it is not practical to show the entire database as a table. Channel samples are the base of the resource calculation and are all of similar importance.

The sampling surface is cleaned of dust, mud or any other contaminating agent by washing the rock-face with a water hose and scrubbing with a brush. Protruding points and ridges are removed before taking the sample so that the sample surface is flat.

The exact location of the channel is marked by drawing two parallel lines separated by 20 cm using chalk or paint. The sample location is determined by a measure from the nearest survey station or plug.

The channel is carved manually with a chisel and hammer or with a diamond-disk saw.

The sample is collected from the total material taken from the channel.

If the structure has different types of mineralization, separate samples are taken for each type.

The distance between channels is 3 m in stopes, 2 m in horizontal exploration development and 1 metre in vertical development.

All samples collected are filled in bags that are perfectly clean and in good condition.

After taking the sample vein thickness and the widths of the drifts are measured and filled into the sample card together with the location information.

Assay results from channel samples are emailed to the geology department and mine engineering department for verification and planning. Results are entered into the Century LIMS database by the lab and a hard copy is filed by the geology department.

14.2.3 Numbering System

Drill-Hole ID

Drill-hole IDs are formatted as follows:

Sample Numbers

All channel samples, standard samples, and blanks are labelled with a sequential 5-digit number.

15. Sample Preparation, Analyses and Security

All sample preparation and analysis is executed by PASQ employees. Underground channel samples are transferred from the plastic bags into a metal tray and dried in an oven for 1.5 hours. After crushing, the samples are split to a size of 200-250 grams. Samples are pulverized using a concentric-ring mill for approximately 1 minute 15 seconds and then homogenized. The pulp is transferred into a bar-coded envelope for subsequent analysis.

The Quiruvilca laboratory uses Acid Digestion and atomic absorption spectroscopy. The prepared samples are analysed for Ag, Zn, Pb, Cu, Sb, Fe and As. During the entire procedure from sampling to analysis, sample security is controlled by PASQ employees or by a certified third party laboratory.

It is PAS standard practice to have a primary lab on-site that performs all sample analysis and also a third party secondary lab to re-iterate analysis on at least 2% of the samples for quality assurance and quality control (QA/QC, check samples).

The primary laboratory is the Shorey Laboratory in Quiruvilca, which is PASQ owned and operated. The laboratory conducts a routine internal QA/QC program, supervised by the geology department, that includes external check samples and the routine submission of standards. For each batch of twenty, at least one internal duplicate and one internal standard is added by the laboratory. The responsible geologist will add one certified standard and one blank each day. Duplicate samples of diamond core samples come from the remaining half core split to a quarter core. For channel samples, a duplicate is obtained by collecting a sample of equal weight from the same sampling location.

The Quirulivca Mine currently has a contract with ALS Chemex, in Lima, to act as their external secondary lab to analyze the check samples by Atomic Absorption for Ag, Zn, Pb and Cu. ALS Chemex Lima fulfills the requirement of ISO 9001:2000 and reports assay results by e-mail and by certified paper copy to PASQ.

Assay results of inserted blank and standard samples, for 2006 and 2007 (to Oct. 31st) are provided in Graphs 15-1 and Graphs 15-2. Each graph is plotted with a warning and action line, to identify outliers. These indicators are equal to ±2 and ±3 (plus or minus 2 standard deviations and plus or minus 3 standard deviations) respectively. The certified values determined for the standard sample are as follows:

Table 15-1: Values of the Certified Standard

ELEMENT	Ag ppm	Cu %	Pb %	Zn %
Average	293.00	0.58	1.08	3.65
Mean	294.00	0.59	1.08	3.65
St. Dev.	7.042	0.026	0.019	0.051
%RSD	2.40	4.54	1.77	1.39
Conf. Int.	2.00	0.01	0.00	0.01

Standard results between the warning and action lines are acceptable, but further attention is given to quality control. Standard results outside the action line trigger further investigations and re-analysis may be requested. However, if channel samples are from stopes with small tonnages and immediate production, re-assaying the lot is not practical, but instead, the deviations are used to improve procedures.

Observations from Graphs 15-1 and 15-2 identified that there was a significant amount of outliers beyond the action line in the zinc assays for both inserted blanks and standards for the first 8 months of 2006. The monthly averages on standards samples are given in Table 15-2. This table indicates that zinc assays were problematic when the procedure was first implemented, and that corrective action was taken with notable improvements from September 2006 onwards. The acceptable long term accuracy of both the primary and secondary labs should be within ±5% of the probable true value of the inserted standards, compiling results from 2006 to present indicate that the labs are within those limits. The authors recognize that the mineral resources and reserves are affected by the reliability of the assays, based on the long production history and the small difference between the theoretical and analyzed standard grades, it is the authors opinion that the effect on the overall mineral reserves and resources do not impact the assessment of economic viability of the proven and probable mineral reserves.

Table 15-2: Monthly Average of Assay Results on Standard Samples

Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Jan
11	10	7	11	12	16	22	21	24	20	22	186	
294.53	290.51	282.90	287.40	287.15	289.31	296.83	284.86	291.77	286.68	292.27	290.26	2
0.53	-3.50	-11.10	-6.60	-6.85	-4.69	2.83	-9.14	-2.23	-7.32	-1.73	-3.74	
0.18%	-1.19%	-3.78%	-2.24%	-2.33%	-1.59%	0.96%	-3.11%	-0.76%	-2.49%	-0.59%	-1.27%	
0.58	0.58	0.57	0.56	0.58	0.58	0.57	0.56	0.58	0.56	0.56	0.57	
-0.006	-0.011	-0.020	-0.030	-0.012	-0.012	-0.020	-0.029	-0.007	-0.026	-0.033	-0.019	-(
-1.09%	-1.88%	-3.44%	-5.02%	-1.96%	-2.01%	-3.36%	-4.93%	-1.16%	-4.42%	-5.56%	-3.26%	
1.07	1.07	1.07	1.02	1.03	1.04	1.06	1.07	1.07	1.05	1.06	1.06	
-0.015	-0.012	-0.010	-0.056	-0.046	-0.037	-0.019	-0.012	-0.007	-0.025	-0.019	-0.021	-(
-1.35%	-1.11%	-0.93%	-5.22%	-4.24%	-3.40%	-1.73%	-1.13%	-0.68%	-2.36%	-1.77%	-1.97%	
3.40	3.52	3.52	3.21	3.39	3.15	3.35	3.47	3.51	3.81	3.58	3.45	
-0.254	-0.135	-0.135	-0.437	-0.265	-0.497	-0.296	-0.177	-0.139	0.162	-0.067	-0.204	-(
-6.95%	-3.70%	-3.70%	-11.98%	-7.26%	-13.62%	-8.10%	-4.84%	-3.79%	4.43%	-1.83%	-5.59%	

Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			Annual	20
19	17	19	22	23	23	20	23	24	Nov	Dec	211	
296.04	290.58	298.67	288.20	298.27	291.35	288.00	295.37	295.51			293.40	2
2.04	-3.42	4.67	-5.80	4.27	-2.65	-6.00	1.37	1.51			-0.60	
0.69%	-1.16%	1.59%	-1.97%	1.45%	-0.90%	-2.04%	0.47%	0.51%			-0.20%	
0.56	0.56	0.58	0.57	0.56	0.57	0.56	0.57	0.57			0.56	
-0.03	-0.03	-0.01	-0.02	-0.03	-0.02	-0.03	-0.02	-0.02			-0.03	
-4.82%	-5.83%	-2.13%	-3.10%	-4.67%	-4.11%	-5.07%	-3.43%	-3.77%			-4.29%	
1.05	1.04	1.06	1.05	1.07	1.03	1.05	1.06	1.06			1.05	
-0.03	-0.04	-0.02	-0.03	-0.01	-0.05	-0.03	-0.02	-0.02			-0.03	

-2.72%