

Student Chapter Annual Report
SEG Student Chapter
Universidad Nacional Autonoma de Mexico - Mexico

GENERAL INFORMATION

Year Reported: October 1st 2011-September30th 2012
Name of Student Chapter: Student Chapter Mexico UNAM
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SEG STUDENT CHAPTER
MEXICO UNAM

Executive Committee

President.....Edith Fuentes.....
Vicepresident.....Luis A. Jiménez.....
Secretary.....Jorge I. Salomon.....
Treasurer.....Mildred Zepeda.....

All Student Chapter Members:

Paola C. Reyes Luna
Aldo Izaguirre Pompa*
Maria del Pilar Escobar*
Valentina Shchetilnikova*
María Abigail Jiménez Franco*
Nashyeli Ivonne Ceballos Berzunza
Diana Flores
Jorge A. Aguilar
Marlen Salgado Serafín
Yizhar Ovalle Castrejón
Nashielly Deyta Hernández
Ángeles Vázquez Pérez
Miguel Ángel Cruz Pérez
José Francisco Valencia Cabrera
Cesar Fernando Aguilar Ramirez
Elder Castañeda Alvarez
Alan Rivera Rodríguez
Dulce Danelia Medrano Vázquez
Nalliely Lopez Garcia
Daniela Gandulay Ochoa
Gustavo Ruíz Islas
Andrés Salinas Omassi
Fernando Pérez López

Continue regular meetings, lectures:

As a student chapter we are making meetings one day per month to develop and organize different events for the future. We are also developing some public meetings (once in a month) with students that are in first semesters, in order to make them know the Society of Economic Geologist Organization, the internal composition of our SEG Student Chapter, the scientific aspects of Economic Geology and its characteristics and. These with the objective of interest these students in Economic Geology and make them members of the Student Chapter.

Field Trip:

The Field Trip from Mexico UNAM Student Chapter was made in world class deposits. El Aguila Project (The Eagle project), located 120 kilometers southeast of the capital city of Oaxaca Mexico, is a significant, newly discovered high-grade gold and silver system. The property has yielded several exceptional gold and silver surface samples, including 36 grams-per ton (g/t) gold sample and a 3,100 g/t silver sample.

El Aguila Project is a gold and silver removable through an open pit. The type of ore is low sulphidation, so that their removal does not involve high costs. The project's objective is to reach a total of 70,000 ounces of gold from the pit pull the first two years of production, then reach 200,000 by the third year. Gold Resource Corporation began commercial production of El Aguila on July 1, 2010. El Aguila is an operation of Gold Resource Corporation through subsidiary Don David Gold SA de CV.

This deposit offer a high complexity for their geologic understanding and the opportunity to visiting ore deposits gave us a chance to understand the importance of recognizing guides of mineralization, such as structural trends in Au-Ag rich veins, or the recognition of important guides of mineralization. The second field trip of the Mexico Student Chapter Mexico UNAM was to visualize and meet a new epithermal world class deposit. Geologic knowledge was not the only objective in these visits but also the further understanding of various mine engineering aspects during exploitation such as cutoff grade, mining methods, visualizing volumes of daily production, milling and leaching processes and most importantly understand and appreciate the work of the geologist in a producing unit not only for keep the production rate in an adequate way but also to increase actual resource and reserves. This trip was funded by SEG.

Also student chapter members attended the USGS headquarters in Pachuca Hidalgo Mexican.

Organization of conferences, workshops, short courses:

This year we make some organization of conferences. These conferences were given by Dr. Antoni Camprubi, "The deposits in Mexico during the Mesozoic" and Dr. Eduardo Campos Universidad Catolica del Norte, Antofagasta Chile, "Porphyry copper in America".

Participation in conferences, workshops, short courses

We have participated in event related to Economic Geology. Some SEG Student Chapter members attended of the XXXI Course UNESCO-SEG-SGA Latin American Metallogeny Course and XVI Peruvian Geological Congress & SEG 2012 Conference in Lima, Peru in September. This was a great opportunity for us, involved three members of the student chapter making many friends worldwide, and one member with financial support from the UNESCO-SEG-SGA.

Two members participated in SEG Foundation Student Dedicated Field Course: Iberian Pyrite Belt in May and Porphyry Systems of Southern Peru in September, with financial support from the SEG.

Fund-raising programs

It counted with financial support from the SEG for field visits, so members attending enjoyed this benefit. Gold Resource Corporation besides supported us in its mine.

In all this opportunities we have counted with the support of the Universidad Nacional Autonoma de Mexico, who has been interested in all the activities that we have developed.

Future plans

1. Increase the number of new members in the Student Chapter.
2. Field Trip to Naica mine, deposit in the north of Mexico.
3. Organize several social activities to get financial support for future field trips.
4. Design some posters for Whistler 2013: Geoscience for Discovery.
5. Field trip to Precious Metals Deposits of the Southwestern US (as part of the SEG Foundation Student-Dedicated Field Course).
6. Organization of conferences, workshops, short courses.
7. Each quarter a conference with some expert on the mines or existing exploration projects in Mexico.

Fotos



Student Chapter members and geology staff of Gold Resource Corporation in El Aguila mine



Participants from Iberian Pyrite Belt Field in Portugal





Over Pilar in Cuajone Cu-Mo porphyry system giant ass pit and down members visited the offices of the Mexican Geological Survey





Luis in XXXI Course UNESCO-SEG-SGA Latin American Metallogeny Course





XVI Peruvian Geological Congress & SEG 2012 Conference in Lima, Peru

