



MAP NEWS

Internal Newsletter of the Multinational Andean Project

<http://www.pma-map.com/newsletter/v2n2.html>

Vancouver, BC, May 1st, 1999

A Monthly Update of Internal Project News

Vol 2 - No. 2

Multiparameter Airborne Geophysical Surveys



Consortium Aeromagnetic Spectrometry Surveys (Activity: C.99/M-H1 - C.99/M-H2)

Two new aeromagnetic/spectrometry surveys are being planned similar to that completed in Argentina last year- (1) approximately 30,000 sq km. on the Argentina, Chile border, and (2) approximately 147,000 sq kilometres spanning the borders of Chile, Bolivia and Peru. Industry participation is sought for both surveys. For the first survey (Argentina-Chile), the participation cost is \$35,000.00 US for which interested companies will receive exclusive use of the data for one year before general release. Interested companies should contact Eduardo Zappettini, Moyra Gardeweg or Dennis Teskey.

For the second survey (Chile, Bolivia, Peru), the financing will be more challenging, and thus the participation cost and exclusivity period will be negotiated with interested companies. Interested companies should contact Moyra Gardeweg, Humberto Mallo Gozales, Hugo Rivera Mantilla or Dennis Teskey. Both surveys will be managed by MAP and contracted by Public Works and Government Services Canada (PWGSC). Both surveys will provide information on the location of faults, contacts, intrusive rocks, and alteration zones, these will be of great interest to mapping geologists and to mineral exploration.

Upcoming Activities

Cartographic Standards - Peru
Fluid Inclusion training - Peru, Bolivia, Chile
PIMA training - Chile, Peru, Bolivia
Fission Track Work Chile - Chile
Field work - Bolivia, Chile, Peru
Chilean to work with Villeneuve-
Ottawa, Canada
ICA (International Cartographic Association) - Ottawa, Canada
Executive Council Meetings - Bolivia

Please refer to Preliminary Calendar of Activities on page two to verify if proposed dates for activities correspond to availability of your institution. Also please advise Project Administrator as soon as possible if you require any changes to the Proposed Calendar.

Mineral Deposits Field Trip: Bolivia and Argentina (Activity: B.97/M-1)

The Mineral Deposits Field Trip is scheduled to commence on May 3rd in La

Paz, Bolivia and conclude on May 17th in Tucuman, Argentina.



Mineral Deposits Field Trip Part I, Tintaya Mine, Peru - Nov 97

- Participants:

Argentina: Dr. Eduardo Zappettini, Ing. Adolfo Domingo, Ing. Eulogio Ramallo
Bolivia: Ing. Humberto Mallo, Ing. Vitaliano Miranda, Ing. Hernán Uribe
Chile: Ing. Ricardo Troncoso, Dr. Waldo Vivallo, Geol. Jorge Muñoz
Peru: Ing. Elmer Boulanger, Ing. Mario Carpio Ronquillo
Canada: Dr. Andre Panteleyev, Dr. Jennifer Getsinger, Mr. Mike Ellerbeck

- Itinerary:

Bolivia

May 3: La Paz - Kory Kollo - Oruro.
May 4: Oruro - Mina Bolivar - Oruro.
May 5: Oruro - Challapata - Potosí.
May 6: Potosi - Pulacayo - Uyuni.
May 7: Uyuni - San Cristobal - Potosi.
May 8: Potosi - Tupiza - Villazon
Argentina

May 9: Villazon - La Quiaca.
May 10: La Quiaca - Pirquitas.
May 11: Pirquitas - Abra Pampa - Tres Cruces - Aguilar - Humahuaca.
May 12: Humahuaca - Purmamarca - Jama - Salinas Grandes - San Antonio de los Cobres - Pocitos - Mina Fenix.
May 13: Mina Fenix - Tincalayu - Mina Fenix.
May 14: Mina Fenix - Antofagasta de la Sierra - La Alumbraera.
May 15: La Alumbraera - Andalgala.
May 16: Andalgala - Cuesta de Capillitas - Agua Rica - Andalgala.
May 17: Andalgala - Tucuman - End of Tour.
May 18: Return home.

Preliminary Calendar of Activities 1999/2000

May 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	1
2	3	4	5	6	7	8
Dennis Teskey in Argentina Mineral Deposits Tour						
9	10	11	12	13	14	15
Mineral Deposits Tour						
Dennis Teskey in Chile			Dennis Teskey in Bolivia			
16	17	18	19	20	21	22
Mineral Deposits Tour						
Andre Panteleyev in Peru						
23	24	25	26	27	28	29
Andre Panteleyev in Peru						
30	31	1	2	3	4	5
Andre Panteleyev in Peru						

June 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
Andre Panteleyev in Peru - Fieldtrip						
6	7	8	9	10	11	12
Dennis Teskey in Peru						
13	14	15	16	17	18	19
Carto Standards Committee - Peru						
20	21	22	23	24	25	26
27	28	29	30	1	2	3
Bolivia - Metallogeny / Andre Panteleyev						

July 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
Rept. #12 Paul Metcalfe in Bolivia						
4	5	6	7	8	9	10
Regional Mapping Fieldwork / Paul Metcalfe in Bolivia						
Andre Panteleyev in Bolivia						
11	12	13	14	15	16	17
Regional Mapping Fieldwork / Paul Metcalfe in Bolivia						
18	19	20	21	22	23	24
Regional Mapping Fieldwork / Paul Metcalfe in Bolivia						
25	26	27	28	29	30	31

August 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
ICA						
22	23	24	25	26	27	28
Exec. Council Meeting - Bolivia						
29	30	31	1	2	3	4
ICA						
Exec. Meeting						

September 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
Volcanology Training / Catherine Hickson in Peru						
12	13	14	15	16	17	18
Volcanology Training / Catherine Hickson in Peru						
19	20	21	22	23	24	25
Bolivia Fluid Inclusion Training						
26	27	28	29	30	1	2
Terrane Paths 99 / (www.rodus.com/terrane99)						

October 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
Terrane Paths 99 / (www.rodus.com/terrane99)						
3	4	5	6	7	8	9
Rept. #13						
10	11	12	13	14	15	16
Argentineans in Canada - AHP						
17	18	19	20	21	22	23
24	25	26	27	28	29	30
Fluid Inclusion Training - Peru						
31	1	2	3	4	5	6

November 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
P. Comejo in Ottawa with Mike Villeneuve						
PIMA Training - Peru						
7	8	9	10	11	12	13
PIMA Training - Chile (incl. Panteleyev)						
P. Comejo in Ottawa with Mike Villeneuve						
14	15	16	17	18	19	20
Metallogenic Fieldwork - Panteleyev, Chile						
P. Comejo in Ottawa with Mike Villeneuve						
21	22	23	24	25	26	27
PIMA Training - Bolivia						
P. Comejo in Ottawa with Mike Villeneuve						
28	29	30	1	2	3	4
P. Comejo in Ottawa with Mike Villeneuve						

December 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
Currie / Fission Track - Chile						
12	13	14	15	16	17	18
Currie / Fission Track - Chile						
19	20	21	22	23	24	25
26	27	28	29	30	31	1

January 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
Rept. #14						
9	10	11	12	13	14	15
Hydrogeology - Chile / Aravena & Rudolph						
16	17	18	19	20	21	22
Hydrogeology - Chile / Aravena & Rudolph						
23	24	25	26	27	28	29
Exec. Council Meeting & Cordilleran Roundup - Vancouver						
30	31	1	2	3	4	5

February 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	1	2	3	4

March 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
Rept. #15						

Argentina Bolivia Chile Peru Multi

For further MAP information please consult the project Web page at:

<http://www.pma-map.com>

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Natural Resources
Canada

Ressources naturelles
Canada