



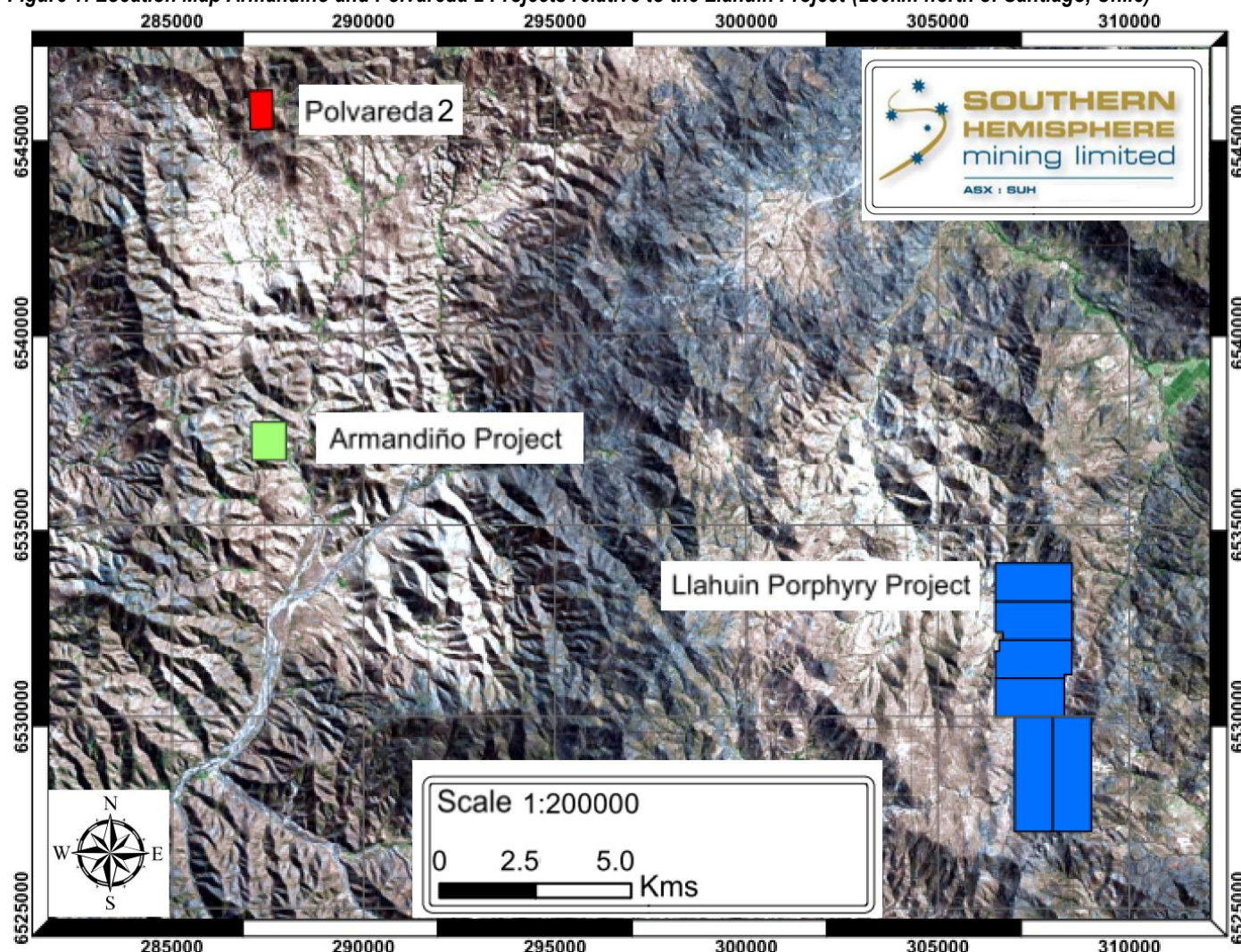
SAMPLING PROGRAM RESULTS

ARMANDIÑO AND POLVAREDA 2 PROJECTS, CHILE

Full results for previously reported highlights

Southern Hemisphere Mining Limited (ASX: **SUH**) ("Southern Hemisphere" or the "Company") has conducted an extensive sampling program over the **Armandiño** and **Polvareda 2** Projects, now subject to the Los Rulos Joint Venture with Lundin Mining Corporation (TSX: LUN) ("Lundin Mining").

Figure 1: Location Map Armandiño and Polvareda 2 Projects relative to the Llahuin Project (250km north of Santiago, Chile)



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Armandiño Project

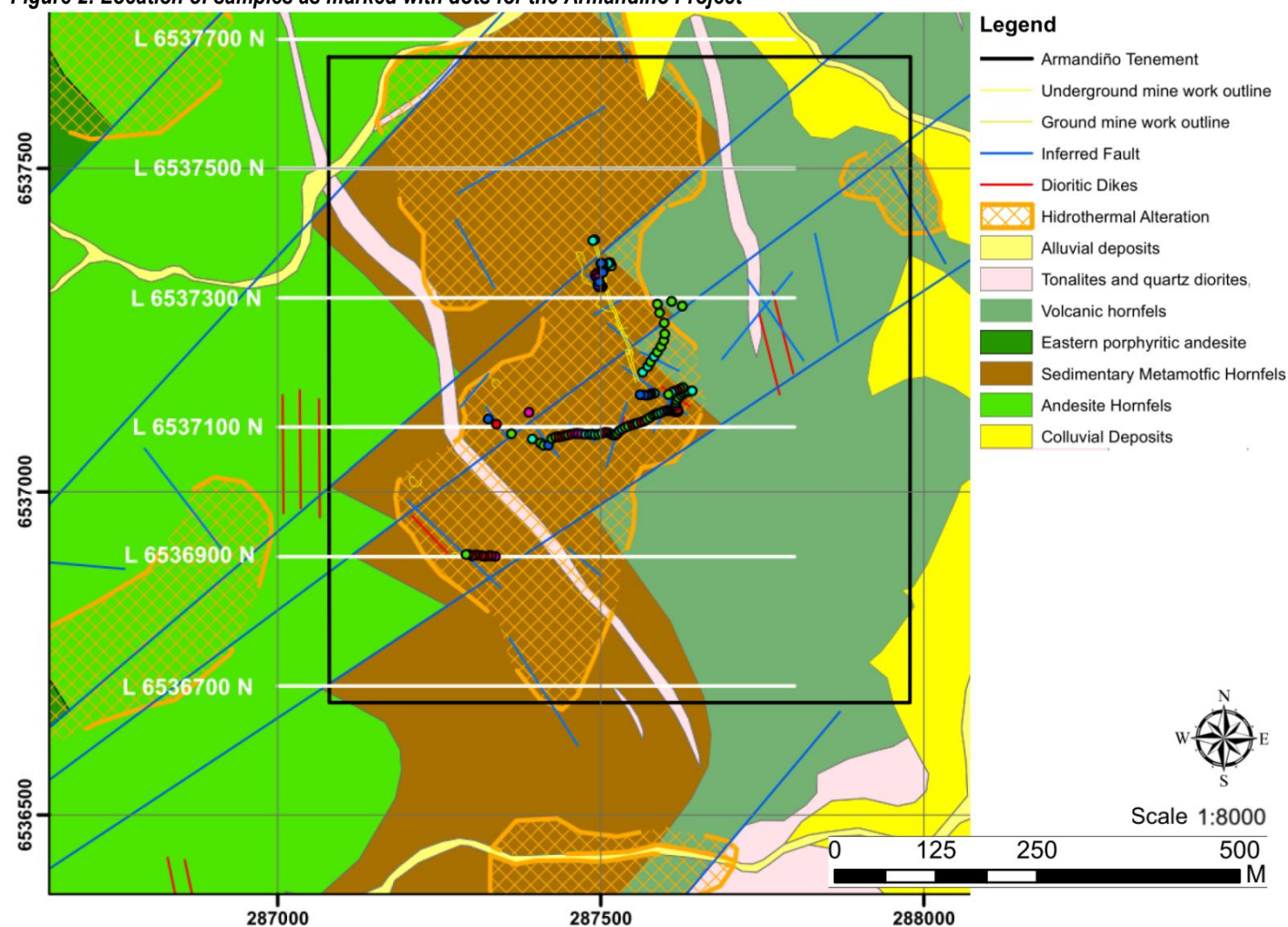
The Armandiño Project is at 700m elevation and located 26 km south west of the established regional mining town of Combarbala and approximately 20 km NNW of the Company's existing Llahuin JV Copper-Gold Project.

The sampling program at the Armandiño Project consisted of 122 samples. The five most significant samples by copper grade of this program are detailed below and full results are appended to this announcement.

Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)
69777	Channel (5m)	287,561	6,537,150	Surface	5.63	0.42
69775	Channel (5m)	287,572	6,537,149	Surface	1.83	0.27
69753	Channel (5m)	287,618	6,537,123	Surface	1.80	0.18
M 19	Channel (5m)	287,504	6,537,339	Underground	1.69	0.40
69650	Channel (5m)	287,608	6,537,125	Surface	1.67	0.29

Please note results for Au g/t as reported for the Armandiño Project in the announcement dated November 18, 2013 and the Company Presentation released on November 19, 2013 were incorrect. 'Au g/t' should have read Copper Equivalent %. The locations for the surface samples included within the Armandiño Project concession boundary and their relationship to each other are detailed in the below figure:

Figure 2: Location of samples as marked with dots for the Armandiño Project



Polvareda 2 Project

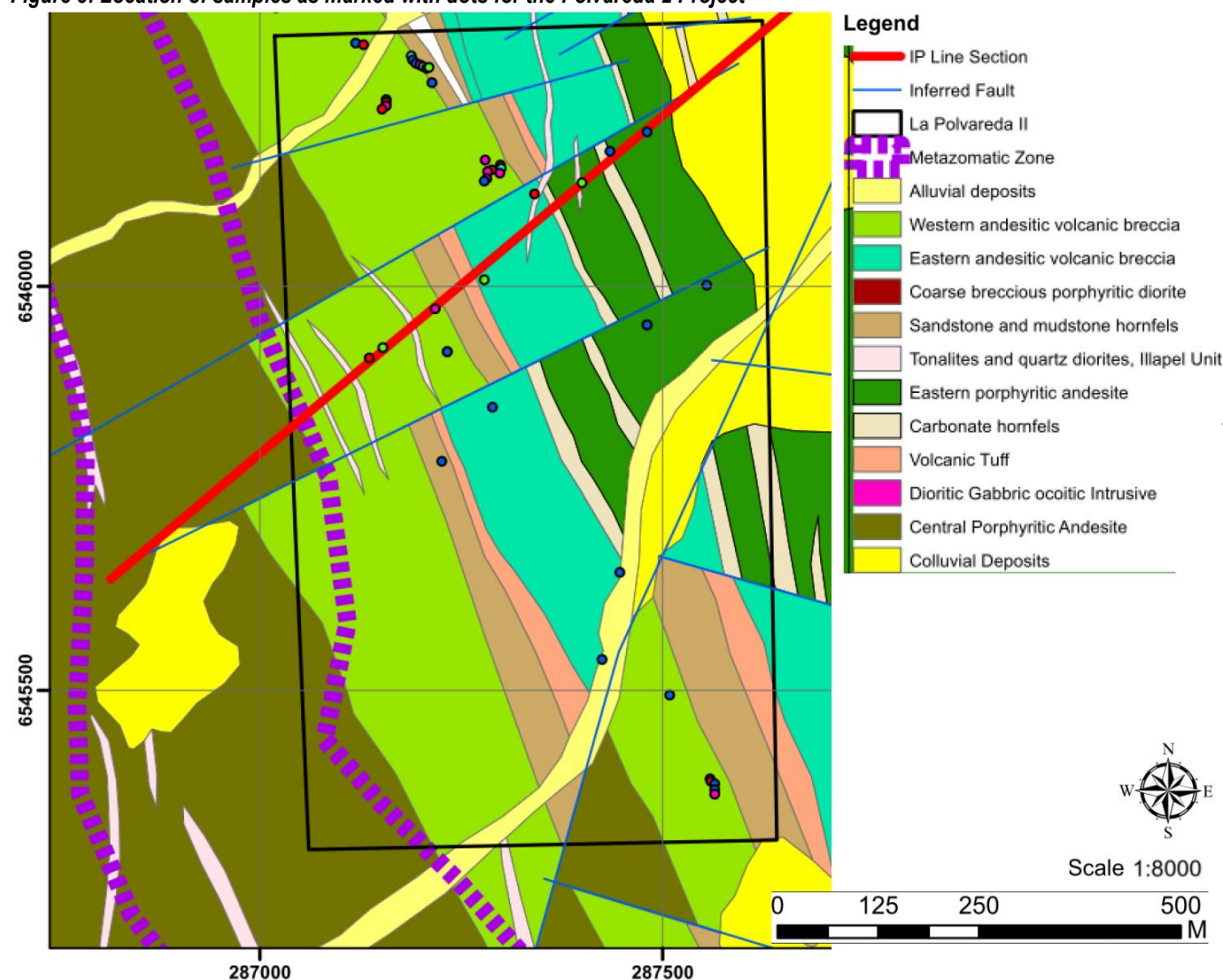
The Polvareda 2 Project is at 1,000m elevation and located 26 km west of Combarbala and 25km NW of the Company's existing Llahuin JV Copper-Gold Project.

The sampling program at the Polvareda 2 Project consisted of 45 samples. The five most significant samples by copper grade of this program are detailed below and full results are appended to this announcement.

Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)	Ag (ppm)
71105	Channel (5m)	287,119	6,546,301	Underground	5.55	3.38	22
69737	Channel (5m)	287,214	6,546,252	Underground	4.65	0.40	4
69728	Channel (5m)	287,425	6,545,538	Surface	3.27	0.42	41
69729	Channel (5m)	287,447	6,545,646	Surface	3.20	1.64	5
71131	Channel (5m)	287,481	6,545,952	Surface	2.70	1.30	1

The locations for the samples included within the Polvareda 2 Project concession boundary and their relationship to each other are detailed in the below figure:

Figure 3: Location of samples as marked with dots for the Polvareda 2 Project



Competent/Qualified Person Statement

The information in this report that relates to copper and gold Exploration Results for the Armandiño and Polvareda 2 Projects is based on information compiled by Mr Trevor Tennant, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Tennant has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” and a Qualified Person under NI43-101 Standards of Disclosure. Mr Tennant is a full time employee and Managing Director of the Company and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. For further information, please refer to the Technical Reports and News Releases on the Company’s website at www.shmining.com.au.

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Appendix

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	Explanation
<i>Sampling techniques</i>	Chip sampling and channel sampling of rock outcrops and underground workings. Sample sizes approximately 10-15 Kg.
<i>Drilling techniques</i>	n/a
<i>Drill sample recovery</i>	n/a
<i>Logging</i>	Macroscopic description
<i>Sub-sampling techniques and sample preparation</i>	Whole samples transported to Andes Analytical Assay Ltda (Chile) for crushing and splitting.
<i>Quality of assay data and laboratory tests</i>	Au fire assay, Cu atomic adsorption, ICP 39 elements undertaken by Andes Analytical Assay Ltda (Chile) an ISO 9001:2008 certified laboratory.
<i>Verification of sampling and assaying</i>	Results reviewed by senior geologist.
<i>Location of data points</i>	Sample points were located using GPS methods and the PASAD 56 datum.
<i>Data spacing and distribution</i>	Data was obtained from available lineages of mineralisation.
<i>Orientation of data in relation to geological structure</i>	No sampling bias is believed to have been introduced.
<i>Sample security</i>	No extraordinary measures were taken to secure samples.
<i>Audits or reviews</i>	None to date

Section 2 Reporting of Exploration Results

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

Criteria	Explanation
<i>Mineral tenement and land tenure status</i>	<p><u>Armandiño Project</u></p> <p>The Armandino exploitation concessions are subject to an option agreement between the vendor Mr. Mario Tapia; and the 50/50 Southern Hemisphere/Lundin Mining joint venture company ("Minera Los Rulos").</p> <p><u>Polvareda 2</u></p> <p>The Polvareda 2 exploitation concessions are held by a Chilean domiciled Company, SLM Polvareda. Minera Los Rulos has entered into an option agreement to purchase 62.5% of the shares in SLM Polvareda.</p>



Section 2 Reporting of Exploration Results (continued)
(Criteria listed in the preceding section also apply to this section)

Criteria	Explanation
<i>Exploration done by other parties</i>	The area has been and continues to be the subject of small scale mining. However, no previous exploration data is available.
<i>Geology</i>	<p><u>Armandiño Project</u> The mineralisation is copper and gold disseminated in metamorphosed sedimentary rocks, largely comprising limestone and skarns. See Figure 2 above for surface geology.</p> <p><u>Polvareda 2</u> The mineralisation is copper and gold associated with alteration systems and high grade copper-gold skarns. See Figure 3 above for surface geology.</p>
<i>Drill hole Information</i>	N/A
<i>Data aggregation methods</i>	Where data has been aggregated adjacent sample grades have been simply averaged over the length of the aggregated samples.
<i>Relationship between mineralisation widths and intercept lengths</i>	N/A
<i>Diagrams</i>	<p><u>Armandiño Project</u> Refer to Figure 2 of the announcement.</p> <p><u>Polvareda 2</u> Refer to Figure 3 of the announcement.</p>
<i>Balanced reporting</i>	N/A
<i>Other substantive exploration data</i>	N/A
<i>Further work</i>	Drilling program is planned.



Appendix - Armandiño Project Sample Results

	Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)
1	69603	Channel (5m)	287,326	6,537,112	Surface	1.08	0.32
2	69604	Channel (5m)	287,339	6,537,104	Surface	0.40	0.06
3	69605	Channel (5m)	287,362	6,537,089	Surface	0.01	0.01
4	69606	Channel (5m)	287,389	6,537,122	Surface	0.42	0.12
5	69607	Channel (5m)	287,394	6,537,081	Surface	0.10	0.06
6	69608	Channel (5m)	287,407	6,537,075	Surface	0.04	0.02
7	69609	Channel (5m)	287,412	6,537,071	Surface	0.03	0.02
8	69610	Channel (5m)	287,419	6,537,071	Surface	1.12	0.19
9	69611	Channel (5m)	287,425	6,537,082	Surface	0.03	0.02
10	69612	Channel (5m)	287,431	6,537,084	Surface	0.01	0.01
11	69613	Channel (5m)	287,436	6,537,085	Surface	0.26	0.14
12	69614	Channel (5m)	287,441	6,537,085	Surface	0.32	0.04
13	69615	Channel (5m)	287,446	6,537,086	Surface	0.35	0.03
14	69616	Channel (5m)	287,450	6,537,087	Surface	0.05	0.03
15	69617	Channel (5m)	287,455	6,537,089	Surface	0.20	0.04
16	69618	Channel (5m)	287,461	6,537,090	Surface	0.58	0.16
17	69619	Channel (5m)	287,465	6,537,090	Surface	0.57	0.17
18	69620	Channel (5m)	287,471	6,537,089	Surface	0.57	0.04
19	69621	Channel (5m)	287,477	6,537,088	Surface	0.12	0.02
20	69622	Channel (5m)	287,483	6,537,088	Surface	0.12	0.04
21	69623	Channel (5m)	287,487	6,537,089	Surface	0.17	0.03
22	69624	Channel (5m)	287,492	6,537,088	Surface	0.13	0.02
23	69625	Channel (5m)	287,497	6,537,088	Surface	0.02	0.01
24	69626	Channel (5m)	287,502	6,537,090	Surface	0.18	0.02
25	69627	Channel (5m)	287,507	6,537,091	Surface	0.18	0.03
26	69628	Channel (5m)	287,512	6,537,091	Surface	0.33	0.04
27	69629	Channel (5m)	287,517	6,537,089	Surface	0.63	0.05
28	69630	Channel (5m)	287,520	6,537,087	Surface	0.13	0.03
29	69631	Channel (5m)	287,523	6,537,088	Surface	0.01	0.01
30	69632	Channel (5m)	287,526	6,537,090	Surface	0.02	0.03
31	69633	Channel (5m)	287,529	6,537,094	Surface	0.15	0.02
32	69634	Channel (5m)	287,534	6,537,097	Surface	0.09	0.02
33	69635	Channel (5m)	287,538	6,537,099	Surface	0.08	0.02
34	69636	Channel (5m)	287,543	6,537,101	Surface	0.06	0.02
35	69637	Channel (5m)	287,549	6,537,103	Surface	0.34	0.03
36	69638	Channel (5m)	287,553	6,537,105	Surface	0.58	0.05
37	69639	Channel (5m)	287,558	6,537,106	Surface	0.05	0.01
38	69640	Channel (5m)	287,563	6,537,107	Surface	0.18	0.03
39	69641	Channel (5m)	287,568	6,537,109	Surface	0.25	0.02
40	69642	Channel (5m)	287,572	6,537,111	Surface	0.05	0.01
41	69643	Channel (5m)	287,577	6,537,115	Surface	0.05	0.01
42	69644	Channel (5m)	287,582	6,537,118	Surface	0.03	0.01
43	69645	Channel (5m)	287,586	6,537,120	Surface	0.02	0.01
44	69646	Channel (5m)	287,589	6,537,121	Surface	0.05	0.02



Appendix - Armandiño Project Sample Results (continued)

	Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)
45	69647	Channel (5m)	287,594	6,537,122	Surface	0.14	0.02
46	69648	Channel (5m)	287,599	6,537,124	Surface	0.16	0.02
47	69649	Channel (5m)	287,604	6,537,125	Surface	0.25	0.04
48	69650	Channel (5m)	287,608	6,537,125	Surface	1.67	0.29
49	69751	Channel (5m)	287,612	6,537,124	Surface	0.05	0.02
50	69752	Channel (5m)	287,615	6,537,123	Surface	0.45	0.13
51	69753	Channel (5m)	287,618	6,537,123	Surface	1.80	0.18
52	69754	Channel (5m)	287,620	6,537,124	Surface	1.55	0.27
53	69755	Channel (5m)	287,619	6,537,127	Surface	0.37	0.12
54	69756	Channel (5m)	287,616	6,537,133	Surface	0.54	0.17
55	69757	Channel (5m)	287,617	6,537,137	Surface	0.03	0.01
56	69758	Channel (5m)	287,618	6,537,141	Surface	0.07	0.02
57	69759	Channel (5m)	287,621	6,537,145	Surface	0.03	0.01
58	69760	Channel (5m)	287,625	6,537,149	Surface	0.05	0.02
59	69761	Channel (5m)	287,629	6,537,152	Surface	0.04	0.02
60	69762	Channel (5m)	287,632	6,537,154	Surface	0.03	0.02
61	69763	Channel (5m)	287,637	6,537,155	Surface	0.07	0.01
62	69764	Channel (5m)	287,642	6,537,155	Surface	0.10	0.02
63	69766	Channel (5m)	287,628	6,537,161	Surface	0.02	0.01
64	69767	Channel (5m)	287,623	6,537,159	Surface	0.05	0.02
65	69768	Channel (5m)	287,619	6,537,156	Surface	0.22	0.04
66	69769	Channel (5m)	287,615	6,537,155	Surface	0.22	0.07
67	69770	Channel (5m)	287,611	6,537,153	Surface	0.08	0.04
68	69771	Channel (5m)	287,605	6,537,150	Surface	0.02	0.01
69	69772	Channel (5m)	287,584	6,537,152	Surface	0.12	0.01
70	69773	Channel (5m)	287,578	6,537,151	Surface	0.47	0.11
71	69774	Channel (5m)	287,576	6,537,150	Surface	0.50	0.07
72	69775	Channel (5m)	287,572	6,537,149	Surface	1.83	0.27
73	69776	Channel (5m)	287,568	6,537,149	Surface	1.44	0.08
74	69777	Channel (5m)	287,561	6,537,150	Surface	5.63	0.42
75	69778	Channel (5m)	287,565	6,537,184	Surface	0.10	0.03
76	69779	Channel (5m)	287,573	6,537,193	Surface	0.08	0.03
77	69780	Channel (5m)	287,577	6,537,200	Surface	0.02	0.01
78	69781	Channel (5m)	287,583	6,537,208	Surface	0.09	0.03
79	69782	Channel (5m)	287,588	6,537,215	Surface	0.03	0.01
80	69783	Channel (5m)	287,594	6,537,224	Surface	0.02	0.01
81	69784	Channel (5m)	287,598	6,537,234	Surface	0.02	0.01
82	69785	Channel (5m)	287,599	6,537,244	Surface	0.03	0.01
83	69786	Channel (5m)	287,599	6,537,261	Surface	0.02	0.01
84	69787	Channel (5m)	287,591	6,537,276	Surface	0.01	0.01
85	69788	Channel (5m)	287,588	6,537,290	Surface	0.02	0.01
86	69789	Channel (5m)	287,610	6,537,294	Surface	0.01	0.01
87	69790	Channel (5m)	287,626	6,537,287	Surface	0.01	0.01
88	M1	Channel (5m)	287,491	6,537,389	Underground	0.13	0.03



Appendix - Armandiño Project Sample Results (continued)

	Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)
89	M 2	Channel (5m)	287,488	6,537,388	Underground	0.10	0.03
90	M 3	Channel (5m)	287,505	6,537,348	Underground	0.43	0.10
91	M 4	Channel (5m)	287,508	6,537,348	Underground	0.12	0.03
92	M 5	Channel (5m)	287,509	6,537,348	Underground	0.14	0.05
93	M 6	Channel (5m)	287,511	6,537,348	Underground	0.42	0.15
94	M 7	Channel (5m)	287,513	6,537,349	Underground	0.20	0.06
95	M 8	Channel (5m)	287,515	6,537,349	Underground	0.04	0.04
96	M 9	Channel (5m)	287,517	6,537,349	Underground	0.09	0.05
97	M 13	Channel (5m)	287,501	6,537,353	Underground	1.44	0.22
98	M 10	Channel (5m)	287,515	6,537,354	Underground	0.20	0.06
99	M 11	Channel (5m)	287,512	6,537,353	Underground	0.08	0.10
100	M 12	Channel (5m)	287,504	6,537,352	Underground	0.67	0.12
101	M 13	Channel (5m)	287,501	6,537,353	Underground	1.44	0.22
102	M 14	Channel (5m)	287,500	6,537,340	Underground	0.24	0.10
103	M 15	Channel (5m)	287,495	6,537,338	Underground	0.27	0.08
104	M 16	Channel (5m)	287,492	6,537,335	Underground	0.19	0.09
105	M 17	Channel (5m)	287,494	6,537,331	Underground	0.60	0.26
106	M 18	Channel (5m)	287,498	6,537,332	Underground	0.51	0.25
107	M 19	Channel (5m)	287,504	6,537,339	Underground	1.69	0.40
108	M 20	Channel (5m)	287,503	6,537,317	Underground	1.31	0.51
109	M 21	Channel (5m)	287,501	6,537,317	Underground	0.11	0.07
110	M 22	Channel (5m)	287,498	6,537,316	Underground	0.34	0.13
111	M 23	Channel (5m)	287,496	6,537,319	Underground	0.79	0.37
112	M 24	Channel (5m)	287,498	6,537,324	Underground	1.26	0.44
113	70004	Channel (2m)	287,337	6,536,900	Surface	0.67	0.06
114	70005	Channel (2m)	287,331	6,536,901	Surface	0.61	0.05
115	70006	Channel (2m)	287,326	6,536,901	Surface	0.36	0.03
116	70007	Channel (2m)	287,320	6,536,900	Surface	0.38	0.02
117	70008	Channel (2m)	287,316	6,536,901	Surface	0.37	0.02
118	70009	Channel (2m)	287,310	6,536,902	Surface	0.41	0.02
119	70010	Channel (2m)	287,306	6,536,902	Surface	0.26	0.01
120	70011	Channel (2m)	287,301	6,536,901	Surface	0.26	0.02
121	70012	Channel (2m)	287,296	6,536,903	Surface	0.22	0.01
122	70013	Channel (2m)	287,292	6,536,903	Surface	0.07	0.01

Appendix - Polvareda 2 Project Sample Results

	Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)	Ag (ppm)
1	71105	Channel (5m)	287,119	6,546,301	Underground	5.55	3.38	22
2	71121	Channel (5m)	287,129	6,546,299	Surface	0.35	0.08	1
3	69738	Channel (5m)	287,188	6,546,285	Underground	0.09	0.07	2
4	69739	Channel (5m)	287,190	6,546,280	Underground	1.15	0.53	4
5	69740	Channel (5m)	287,194	6,546,276	Underground	1.15	0.17	4
6	69741	Channel (5m)	287,199	6,546,274	Underground	0.48	0.32	6



Appendix - Polvareda 2 Project Sample Results (continued)

	Sample N°	Sample Type	East	North	Location	Cu (%)	Au (g/t)	Ag (ppm)
7	69742	Channel (5m)	287,203	6,546,272	Underground	0.12	0.03	8
8	69744	Channel (5m)	287,210	6,546,271	Underground	0.02	0.02	1
9	69743	Channel (5m)	287,207	6,546,270	Underground	0.76	0.05	3
10	69737	Channel (5m)	287,214	6,546,252	Underground	4.65	0.40	4
11	71053	Channel (5m)	287,157	6,546,231	Surface	0.13	0.04	1
12	71054	Channel (5m)	287,157	6,546,228	Surface	0.23	0.02	4
13	71055	Channel (5m)	287,157	6,546,223	Surface	0.43	0.26	9
14	71056	Channel (5m)	287,152	6,546,219	Surface	0.40	0.01	4
15	63867 M-56	Channel (5m)	287,481	6,546,191	Surface	1.22	0.32	4
16	63866 M-55	Channel (5m)	287,435	6,546,167	Surface	0.95	0.10	3
17	69749	Channel (5m)	287,280	6,546,156	Surface	0.53	0.20	2
18	69745	Channel (5m)	287,299	6,546,150	Surface	0.28	0.02	1
19	69746	Channel (5m)	287,300	6,546,146	Surface	0.17	0.01	1
20	69748	Channel (5m)	287,288	6,546,144	Surface	0.28	0.07	1
21	69750	Channel (5m)	287,283	6,546,142	Surface	0.55	0.09	2
22	69747	Channel (5m)	287,298	6,546,140	Surface	0.71	0.09	1
23	71051	Channel (5m)	287,282	6,546,133	Surface	0.72	0.30	2
24	71052	Channel (5m)	287,279	6,546,130	Surface	1.05	0.13	2
25	63865 M-54	Channel (5m)	287,400	6,546,128	Surface	0.04	0.01	1
26	63864 M-53	Channel (5m)	287,341	6,546,114	Surface	0.41	0.08	2
27	63863 M-50	Channel (5m)	287,279	6,546,008	Surface	0.02	0.01	1
28	63878	Channel (5m)	287,555	6,546,001	Surface	1.88	0.78	1
29	63862 M-49	Channel (5m)	287,218	6,545,972	Surface	0.68	0.03	1
30	71130	Channel (5m)	287,481	6,545,952	Surface	0.91	5.05	30
31	71131	Channel (5m)	287,481	6,545,952	Surface	2.70	1.30	1
32	63861 M-47	Channel (5m)	287,153	6,545,924	Surface	0.02	0.01	1
33	71128	Channel (5m)	287,233	6,545,919	Surface	0.50	0.31	1
34	71129	Channel (5m)	287,233	6,545,919	Surface	0.90	0.27	3
35	63860 M-44	Channel (5m)	287,136	6,545,911	Surface	0.22	0.04	1
36	63870 M-62	Channel (5m)	287,289	6,545,850	Surface	2.00	0.30	15
37	63871 M-63	Channel (5m)	287,226	6,545,783	Surface	1.62	0.25	5
38	69729	Channel (5m)	287,447	6,545,646	Surface	3.20	1.64	5
39	69728	Channel (5m)	287,425	6,545,538	Surface	3.27	0.42	41
40	69722	Channel (5m)	287,509	6,545,494	Surface	0.99	0.37	2
41	69723	Channel (5m)	287,559	6,545,390	Surface	0.62	0.10	1
42	69724	Channel (5m)	287,560	6,545,387	Surface	0.39	0.12	1
43	69725	Channel (5m)	287,565	6,545,384	Surface	0.97	0.08	1
44	69726	Channel (5m)	287,565	6,545,377	Surface	2.15	0.61	7
45	69727	Channel (5m)	287,565	6,545,371	Surface	0.50	0.04	1

