

A. 採取岩石試料一覽表

A-1 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K		
1	F072P	584050	1577944	1							brn sh s-weath	
2	F075P	584345	1578063	1							brn fng ss m-sil	
3	F079P	583079	1578442	1							lgt-brn fng ss m-weath & qtz v	
4	F080P	586202	1579531	1							ss shared	Rehabilitacion 1
5	F081P	586202	1579531	1							lgt-brn fng ss w-sil	Rehabilitacion 1
6	F082P	585913	1579442	1							lgt-brn to lgt-gry fng ss	
7	F084P	586025	1578948	1							lgt-brn fng ss w-sil waste	
8	F087P	585792	1578884	1							wht to lgt-brn fng ss & qtz vlt	
9	F089P	583100	1579338	1							lgt-brn fng ss w-weath	
10	F090P	582567	1579388	1							lgt-brn to brn fng ss	
11	F095P	586103	1578936	1							ss	Rehabilitacion 4
12	K077P	589210	1576952	1							blk schist	
13	K078P	589331	1577474	1							blk schist	
14	K079P	589351	1578013	1							blk schist	
15	K081P	588703	1579117	1							gry siltstone	
16	K082P	588031	1579777	1							gry siltstone	
17	K083P	587285	1579561	1							gry siltstone	
18	K084P	586443	1580440	1							brn ss	
19	K085P	585566	1580509	1							gry sh	
20	K086P	584081	1567760	1							gry sh	
21	K087P	584172	1566654	1							brn ms	
22	K088P	583975	1567162	1							brn-gry ms	
23	K089P	585619	1572848	1							blk sh	
24	K090P	586193	1572508	1							blk sh	
25	K091P	586745	1571914	1							blk schist	
26	K092P	587829	1571920	1							gry sh	
27	K093P	587057	1570764	1							gry ms	
28	M097P	582250	1578657	1							lgt-gry ms	
29	M099P	581937	1578615	1							ms wall rock	
30	M102P	581712	1577992	1							(lgt-)gry ms	
31	M103P	581362	1577376	1							w-sil siltstone	
32	M105P	581374	1577034	1							lgt-gry fng ss	
33	M106P	581214	1576753	1							lgt-gry ms	
34	M107P	581093	1576437	1							blk to gry ms	
35	M109P	581134	1575736	1							lgt-gry fng ss	
36	M112P	581152	1574945	1							(lgt-gry) ms	
37	M114P	581656	1574115	1							lgt-gry fng ss	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-2 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work								岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K			
38	M116P	581620	1573280	1								lgt-gry ms	
39	M117P	580152	1573159	1								lgt-gry fng ss	
40	M118P	580600	1573700	1								lgt-gry fng ss	
41	M119P	580962	1574085	1								lgt-gry ms	
42	M121P	580580	1575222	1								wht fng ss	Mina Escondido
43	M124P	580587	1575204	1								(w-sil) wht fng ss	Mina Escondido
44	M125P	580577	1575200	1								w-sil wht fng ss	Mina Escondido
45	M126P	580600	1575246	1								w-sil lgt-brn fng ss	Mina Escondido
46	M127P	580509	1575300	1								w-sil lgt-brn fng ss	Mina Escondido
47	M129P	581582	1572487	1								gry ms	
48	M132P	581151	1571430	1								lgt-gry ms	
49	M133P	580686	1570965	1								lgt-gry ms	
50	M134P	580050	1570745	1								lgt-gry fng ss	
51	M135P	580009	1569327	1								yel-wht fng ss	
52	M136P	580663	1568794	1								lgt-gry fng ss	
53	M138P	580715	1568716	1								chert nodule	
54	M140P	580709	1567955	1								lgt-brn fng ss	
55	M142P	580634	1567030	1								gry ms	
56	T084P	589808	1576539	1		1						ss silic	
57	T086P	589694	1576359	1								slate	
58	T087P	589563	1575446	1								ss	
59	T088P	588573	1574511	1								ss silic	
60	T090P	588534	1574191	1								ss	
61	T091P	588125	1573370	1	1							blk phyllite	
62	T093P	588261	1572563	1								ss silic	
63	T094P	588022	1571912	1								ss	
64	T095P	587867	1571267	1								ss	
65	T097P	587153	1570154	1								ss	
66	T098P	586510	1569376	1								ss/sh(slate)	
67	T099P	588341	1576132	1								blk slate	
68	T102P	588437	1575878	1								ss silic	
69	F096O	306093	1601461	1								brn da, m to s-weath	
70	F097O	304220	1601288	1								yel-brn vbr	
71	F098O	303012	1601427	1		1						red soil & feldspar	
72	F100O	302872	1601477	1								lgt-purple da	
73	F101O	301560	1601960	1								red-brn da fng & qtz network	
74	F103O	300524	1601614	1								brn da m to s-weath	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-3 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
75	F104O	300162	1600041	1							brn tored-brn da s-weath	
76	F105O	301437	1599396	1							lgt-gry tf float?	
77	F106O	299371	1598368	1							red-pink ig	
78	F107O	305866	1601132	1							red da & kaol net	
79	F108O	305718	1599879	1							lgt-brn da	
80	F109O	306111	1599529	1							wht tf(da?) s-weath	
81	F110O	306764	1598467	1							lgt-purple to brn da s-weath	
82	F111O	306396	1596832	1							drk-brn da?(and?) s-weath	
83	F112O	306429	1596718	1	1	1					wht fng rhy-tf	
84	F113O	306237	1596027	1							lgt-brn da	
85	F114O	306600	1595216	1							s-weath lgt-brn da	
86	F115O	307319	1595245	1							red da	
87	F116O	304951	1599135	1		1					lgt-brn to lgt-p-grn da(tf?)	
88	F117O	303903	1599039	1							brn da(?) s-weath	
89	F118O	302835	1599088	1							brn da s-weath	
90	F119O	302710	1599026	1		1					lgt-gry(brn)-wht lptf	
91	F120O	308575	1600713	1							brn da m to s-weath	
92	F121O	308143	1600990	1							wht to lgt-gry tf	
93	F122O	307514	1601305	1							brn da m to s-weath	
94	F123O	307856	1603132	1							brn da m-weath	
95	F124O	307668	1602501	1							blk bsl	
96	F125O	299629	1612277	1							lgt-gry cgl hard	
97	F126O	299711	1612279	1							lgt-gry talus deposit	
98	F127O	300231	1612475	1							lgt-brn tf fng	
99	F129O	302166	1612000	1							p-grn cgl	
100	F130O	303024	1611878	1							red-brn da(ig?)	
101	F131O	303840	1611678	1							blk bsl	
102	F132O	304667	1611490	1							blk bsl	
103	F133O	296018	1605097	1							wht to lgt-gry da-tf fng	
104	F134O	296618	1604737	1							red brn da & gry clay v s-weath	
105	F137O	298704	1603845	1							blk phyllite	
106	F139O	298315	1603520	1							lgt-gry da mdg	
107	F140O	297936	1601825	1							red-brn da	
108	K094O	298934	1597929	1							lgt-brn pumice tf	
109	K095O	298135	1597551	1							wht tf	
110	K096O	297774	1596872	1							lgt-grn tf	
111	K097O	297129	1596542	1							wht tf, lithic fragments rich	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-4 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
112	K098O	295771	1595970	1							brn tf, lithic fragments rich	
113	K099O	295086	1594486	1							brn tf, bio rich	
114	K100O	296978	1595016	1							brn tf	
115	K101O	297475	1595542	1							gry bio pumice tf	
116	K102O	296036	1594434	1							gry tf	
117	K103O	295140	1593788	1							gry bio tif, lithic fragments rich	
118	K104O	294486	1593644	1							lgt-brn tf	
119	K105O	293531	1593029	1							lgt-brn tf	
120	K106O	292483	1593352	1							lgt-brn tf	
121	K107O	291676	1593860	1							gry tf-ss	
122	K108O	290574	1594030	1							lgt-gry tf	
123	K109O	292456	1591469	1							da-vbr	
124	K110O	292158	1592503	1							brn da-tf, lithic fragments rich	
125	K111O	291342	1593090	1							lgt-gry tf	
126	K112O	291135	1593009	1							lgt-brn tf	
127	K113O	296071	1599019	1							lgt-grn tf	
128	K114O	297022	1598038	1							lgt-grn pumice tf	
129	K115O	297103	1597265	1							lgt-grn tf-ss	
130	K116O	296595	1596310	1							gry pumice tf	
131	K117O	298444	1590791	1							brn pumice tf	
132	K118O	298087	1591173	1							and	
133	K119O	297565	1591941	1							tbr	
134	K120O	296366	1591802	1							lgt-brn tbr	
135	K121O	295842	1591963	1							lgt-gry tbr	
136	K122O	295154	1591597	1							lgt-gry tbr	
137	K123O	294507	1590949	1							lgt-gry tbr	
138	K124O	298295	1609977	1							brn pumice tf	
139	K125O	295996	1613622	1							gry pumice tf	
140	K126O	296437	1613100	1							lgt-brn pumice tf	
141	K127O	297116	1612093	1							brn tf	
142	K128O	297500	1611450	1							brn tf	
143	K129O	297771	1610650	1							da	
144	K131O	301868	1606271	1							lgt-grn tf	
145	K132O	301324	1606418	1							wht tf	
146	K133O	300464	1607155	1							gry tf	
147	K134O	299440	1608772	1							gry tbr	
148	K135O	298973	1609087	1							ig	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-5 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
149	K136O	299184	1609877	1							lgt-brn tf	
150	K137O	298759	1607828	1							lgt-brn tf	
151	K138O	298343	1608909	1							gry pumice tf	
152	K139O	295531	1605101	1	1	1				1	lg, bio rich	
153	K140O	294220	1604799	1							da	
154	K141O	292706	1604643	1							lgt-grn tf	
155	K142O	291957	1604071	1							lgt-grn tf	
156	K143O	291909	1598243	1							lgt-gry lptf	
157	K144O	291250	1597814	1							lgt-brn da-tbr	
158	K145O	291876	1609684	1							gry tf	
159	M144O	306584	1601091	1		1					yel-arg rhy(?)	Mina El Durazno
160	M145O	306624	1601146	1		1					yel-arg rhy(?)	Mina El Durazno
161	M146O	306629	1601150	1	1	1					purple-gry sil and	Mina El Durazno
162	M147O	305960	1600731	1							purple-gry rhy(?) -tf	
163	M148O	305634	1600664	1		1					purple-gry rhy(?)	Mina El Durazno
164	M149O	306438	1601217	1		1					wht tf(?)	
165	M150O	306499	1601806	1							gry to brn bsl	
166	M151O	306677	1602485	1							blk bsl	
167	M152O	306163	1602655	1		1					red alt bsl	
168	M154O	305791	1603687	1							blk bsl	
169	M155O	305856	1603995	1		1					blk bsl with wht clay net	
170	M156O	306125	1604508	1							gry bsl	
171	M157O	305551	1604960	1							brn-gry to drk-gry bsl	
172	M158O	305146	1605224	1		1					yel-grn alt bsl	
173	M160O	304567	1605579	1							p-purple to lgt-yel ss mdg	
174	M161O	304538	1605970	1							lgt-gry bsl(?) with ep	
175	M162O	304037	1606523	1							brn-gry bsl	
176	M163O	303665	1607166	1							lgt-gry weath bsl	
177	M164O	303674	1607417	1							wht tf mica-brg	
178	M165O	303658	1607836	1							lgt-yel mdg ss	
179	M166O	304001	1608284	1							blk bsl	
180	M168O	303418	1608891	1							lgt-gry ms	
181	M169O	303241	1609296	1							pitchstone wht to blk	
182	M170O	303504	1609499	1							lgt-gry ms	
183	M172O	303245	1610066	1							pumice tf wht	
184	M173O	302655	1610335	1							blk bsl	
185	M174O	302115	1610606	1							lgt-gry ss	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-6 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K		
186	M175O	301496	1610306	1							blk-brn pitchstone	
187	M176O	300750	1610890	1							lgt-gry rhy	
188	M177O	300084	1610685	1							lgt-gry rhy	
189	M180O	302537	1612446	1							lgt-yel ss	
190	M181O	303102	1612927	1							drk-gry bsl	
191	M182O	303445	1613102	1							gry and	
192	M184O	305909	1614351	1							gry and	
193	M185O	306181	1614352	1							lgt-yel ss	
194	M186O	307050	1614325	1							red-brn weath ss	
195	M187O	308144	1615093	1							gry and	
196	M188O	303945	1615526	1							red-brn weath and	
197	M189O	303628	1615145	1							drk-gry bsl-and	
198	M190O	303373	1614828	1	1						gry aphyric and	
199	M191O	302874	1614176	1							gry and	
200	M192O	302072	1614308	1							pumice snd-tf	
201	M193O	302111	1613703	1							wht pumice tf	
202	M194O	302309	1612926	1							lgt-gry pumice snd-tf	
203	T103O	293765	1614741	1							tbr	
204	T104O	292281	1613608	1							tbr limo	
205	T105O	292021	1612222	1							Quart. ss	
206	T106O	290358	1608995	1							da-tbr	
207	T107O	289780	1605669	1							Quart. cgl	
208	T108O	289780	1605669	1							tbr	
209	T109O	289373	1597148	1							Quart. ss	
210	T110O	295987	1599854	1							da-tbr limo	
211	T111O	295780	1600818	1							borro	
212	T112O	296413	1600832	1	1	1					mdg ss	
213	T113O	295749	1601565	1							wht tbr	
214	T114O	294016	1602579	1							ss	
215	T115O	291847	1602666	1							wht tbr	
216	T116O	296044	1605684	1							tbr	
217	T117O	296466	1605443	1							bio tf	
218	T119O	296208	1606299	1							tbr	
219	T120O	296550	1606700	1							tf	
220	T121O	297150	1607200	1							tbr/ss	
221	T125O	297650	1608200	1							tf limo	
222	T126O	297743	1608718	1							da-tf	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-7 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K		
223	T127O	297887	1609425	1							tbr/ss	
224	T128O	292459	1610248	1	1						and-lptf	
225	F157Q	355778	1628588	1							ls	Mina Quitagana
226	F158Q	355778	1628588	1	1						ls	Mina Quitagana
227	F159Q	355778	1628588	1							ls	Mina Quitagana
228	F160Q	355778	1628588	1							ls	Mina Quitagana
229	F161Q	355708	1628658	1							waste	Mina Quitagana
230	F164Q	363881	1623106	1							red sh	
231	F165Q	363717	1623486	1							brn da	
232	F166Q	362953	1623761	1							wht-brn-grn da chilitized	
233	F167Q	362247	1624076	1							lgt-pink da	
234	F168Q	361406	1625142	1							red-brn da s-arg(weath)	
235	F169Q	361042	1625618	1							red sh	
236	F170Q	360816	1625907	1							lgt-gry lptf	
237	F171Q	364064	1622775	1							gry sh partialy red	
238	F172Q	366374	1622141	1							redsh & lgt-p-grn vlt	
239	F173Q	367642	1621724	1		1					grn-gry fng dio?(ss?) float	
240	F174Q	369657	1622028	1							fng gry ss	
241	F175Q	370298	1622384	1							red sh or gry siltstone	
242	F176Q	370915	1622528	1							lgt-grn-gry tf	
243	F177Q	370772	1623602	1							gry fng ss	
244	F178Q	370466	1624549	1							drk-gry fng ss	
245	F179Q	370452	1624757	1		1					wht-lgt-p-grn tf	
246	F180Q	370465	1626541	1							wht lptf w to m-weath	
247	F181Q	370651	1626947	1							red-grn-gry da mdg-csg	
248	F182Q	369462	1628126	1							lgt-brn-grn sh	
249	F184Q	369313	1628018	1							gry massive ls cc vlt	
250	F185Q	369214	1628081	1		1					lgt-brn da(?) andesitic	
251	F186Q	368908	1628415	1							wht to lgt-gry lptf	
252	F187Q	376050	1635489	1	1	1					lgt-p-gry s-sil ls with cc vlt	
253	F188Q	374392	1633650	1							lgt-p-gry sil-ls	
254	F189Q	374077	1633396	1		1					wht arg ls	
255	F190Q	373385	1632955	1							red brn cgl talus deposit	
256	F191Q	373528	1632532	1							wht to lgt-gry lptf	
257	F192Q	373420	1632403	1							and-ig drk-gry to blk	
258	F193Q	372512	1631689	1							and-ig drk-gry to blk	
259	F194Q	371475	1630662	1							wht lptf	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-8 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
260	F195Q	370766	1630324	1							lgt-brn da w to m-weath	
261	F196Q	370120	1629884	1		1					lgt-p-grn da	
262	F197Q	369869	1629470	1							wht to lgt-brn fng da m-weath	
263	F198Q	369497	1629285	1							red-brn fng da m-chloritized	
264	F199Q	372020	1630271	1							wht-pink lptf	
265	F200Q	372209	1630139	1		1					drk-brn and-ig. qtz vlt, grn mineral in fiss	
266	F201Q	372805	1629730	1		1					wht vein in drk-brn and-ig	
267	F207Q	372916	1629291	1		1					drk-gry fng and-ig rock &cc v	
268	F208Q	369598	1626491	1							red-brn fng ss &qtz vlt	
269	F209Q	368635	1625613	1							red sh	
270	F211Q	368571	1627436	1							drk-gry fng ss	
271	K148Q	356129	1628128	1							lgt-grn tf, fng	
272	K149Q	356116	1627703	1							lgt-brn ms	
273	K150Q	355812	1627382	1							lgt-gry tf, fng	
274	K151Q	355237	1627894	1							red-brn ms	
275	K152Q	354767	1628043	1							red-brn ms	
276	K153Q	354064	1628233	1							red-brn ms	
277	K154Q	353695	1628670	1							red-brn ms	
278	K155Q	353155	1629918	1							red-brn sh	
279	K156Q	350021	1626960	1							lgt-gry ss	
280	K157Q	350837	1627010	1							red ss	
281	K158Q	351252	1626488	1							red ss	
282	K159Q	352050	1627256	1							red ss	
283	K160Q	352767	1627982	1							red siltstone	
284	K161Q	353071	1628615	1							red siltstone	
285	K162Q	352831	1630568	1							gry sh	
286	K163Q	353131	1631289	1							ls	
287	K164Q	353441	1632042	1							blk ls	
288	K165Q	354162	1632286	1							gry ls	
289	K166Q	354771	1632573	1							gry ls	
290	K167Q	355328	1633038	1							gry ls	
291	K168Q	355853	1633420	1							gry ls	
292	K169Q	356940	1633396	1							gry ls	
293	K170Q	357659	1634108	1							gry ls	
294	K171Q	357758	1634946	1							red sh	
295	K172Q	358547	1635773	1							brn tf	
296	K173Q	361005	1628266	1							lgt-gry tf	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-9 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
297	K174Q	360853	1627945	1								gry ss	near Mina Matasano
298	K179Q	360836	1627978	1								cgf	
299	K181Q	360728	1625899	1								red siltston	
300	K182Q	359755	1626412	1								red siltston	
301	K183Q	359831	1627172	1								blk ls	
302	K184Q	360091	1627615	1								yel-brn arg ms	
303	K185Q	360919	1628426	1								gry ss	
304	K186Q	362264	1628695	1								lgt-brn tf	
305	K187Q	363094	1629593	1								ls	
306	K188Q	363138	1630924	1								gry tf	
307	K189Q	363351	1631886	1								red siltstone	
308	K190Q	364767	1633561	1								red ss	
309	K191Q	364950	1634151	1								blk sh	
310	K192Q	363602	1633996	1	1							sil and	
311	K193Q	364442	1636616	1								red cgl	
312	K194Q	362258	1634275	1								red ss	
313	K195Q	361952	1635588	1								gry ss	
314	K196Q	361259	1636956	1	1							aphyric and	
315	K197Q	360060	1637021	1								and	
316	K198Q	359082	1637422	1								brn tf	
317	K199Q	358705	1638341	1								and	
318	K200Q	358071	1637256	1								ls	
319	K201Q	358528	1639424	1								red cgl	
320	K202Q	353860	1638992	1								red ms	
321	K203Q	356135	1626900	1								blk ls	
322	K204Q	358160	1637786	1		1						blk ls	
323	K205Q	358160	1637786	1		1						gypsum	
324	M201Q	355897	1628205	1		1						sil arg rock	Mina Quitagana
325	M206Q	364310	1623638	1								gry ls	
326	M207Q	364531	1622922	1								brn vfng ss	
327	M208Q	365447	1622546	1								brn vfng ss	
328	M209Q	363203	1624593	1								drk-gry ls	
329	M210Q	369288	1628321	1								blk sil ms	Mina El Molo
330	M211Q	369296	1628322	1								blk sil ms	Mina El Molo
331	M212Q	369289	1628318	1		1						blk sil ms	Mina El Molo
332	M213Q	369257	1628358	1								s-sil rock	Mina El Molo
333	M214Q	369257	1628358	1								m-sil blk ms	Mina El Molo

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-10 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
334	M215Q	369257	1628358	1		1					blk ms calcitization	Mina El Molo
335	M217Q	369018	1639803	1							brn ms>ss	
336	M218Q	369567	1639008	1							brn ms>ss	
337	M219Q	370213	1638363	1							brn ms>ss	
338	M220Q	370648	1637811	1							brn ms>ss	
339	M221Q	369261	1638159	1							brn ss	
340	M222Q	370749	1637320	1							brn ms<ss	
341	M223Q	370741	1637178	1							wht tf	
342	M224Q	371724	1637633	1							brn ms=ss	
343	M225Q	372448	1637480	1							lgt-gry ms	
344	M227Q	372876	1638225	1							brn ms	
345	M228Q	373072	1637236	1							lgt-gry ms=ss with qtz vlt	
346	M229Q	373226	1636095	1							brn ss	
347	M230Q	374334	1636021	1							lgt-gry ms>ss	
348	M231Q	368152	1629661	1							wht tf	
349	M233Q	367744	1630586	1							wht tf	
350	M234Q	366703	1630733	1							pumice tf with brn matrix	
351	M235Q	366814	1631000	1		1					lgt-grn pumice tf	
352	M236Q	366736	1631598	1							gry-brn hard ms	
353	M237Q	366458	1632244	1							gry-brn hard ms	
354	M239Q	366245	1632611	1		1					yel-brn ms(?) with ep	
355	M240Q	366177	1632957	1							gry-brn hard ms	
356	M241Q	365201	1633297	1							gry-brn hard ms	
357	M242Q	365178	1639856	1							wht tf	
358	M243Q	364607	1639632	1							wht tf	
359	M244Q	364973	1638452	1							brn ss	
360	M245Q	365172	1638080	1							brn ss	
361	M246Q	365236	1637801	1							brn ms	
362	M247Q	365797	1637438	1							drk-gry ms	
363	M248Q	372061	1627938	1							wht tf	
364	M249Q	371978	1628487	1							wht tf	
365	T129Q	354091	1632769	1							ls	
366	T130Q	357273	1625746	1	1	1					and-tbr. chl	
367	T131Q	356637	1625368	1							aglo	
368	T132Q	356589	1625177	1							red-brn sh/ss	
369	T133Q	353793	1625953	1							red-brn sh/ss	
370	T134Q	353009	1620023	1							red-brn sh/ss	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-11 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
371	T136Q	353521	1632803	1							red-brn sh/ss	
372	T146Q	364058	1631966	1							sheared ls	
373	T147Q	364054	1632571	1							wht tbr	
374	T148Q	361714	1633086	1							red sh	
375	T149Q	361714	1633086	1	1						microdiorite float	
376	F212c	414729	1579765	1							lgt-brn to lgt-gry lptf bio-rich	
377	F213c	414827	1579632	1							lgt-p-gry mdg da	
378	F214c	414459	1579400	1							grn alt lptf	
379	F215c	413494	1579462	1							lgt-brn to lgt-pink da(tf?)	
380	F216c	412500	1579633	1							lgt-gry da(tf?)	
381	F217c	412213	1578935	1							lgt-gry lptf	
382	F218c	411895	1578745	1							wht tf fng	
383	F219c	411272	1578383	1							gry da-tf fng	
384	F220c	411349	1577908	1							pink part in wht tf	
385	F221c	410992	1577193	1							lgt-grn sil-rock tf?	
386	F222c	410447	1576711	1							brn da	
387	F223c	409872	1576348	1							pink tf fng	
388	F224c	409197	1576032	1							wht-brn sil-rock tf	
389	F225c	408836	1575790	1							wht lptf	
390	F226c	408993	1574353	1							gry fng tf	
391	F227c	409496	1573935	1							red-purple da (tf?) fng	
392	F228c	408948	1573566	1							brn fng tf	
393	F229c	407975	1573202	1							drk-blu-gry s-alt tf andesitic	
394	F230c	407668	1573463	1							wht to red-brn lptf	
395	F231c	409654	1574236	1							wht to lgt-brn lptf	
396	F232c	409951	1573999	1							red da-tf	
397	F233c	410199	1573645	1							lgt-brn cgl	
398	F234c	411195	1577104	1							lgt-p-grn sil-rock perlite?	
399	F235c	411785	1577015	1							lgt-p-gr da	
400	F236c	412326	1576985	1							wht to lgt-brn tf	
401	F237c	413121	1576586	1							gry-brn lptf	
402	F238c	413752	1576270	1							wht to lgt-brn fng tf	
403	F239c	414504	1575866	1							lgt-brn lptf	
404	F240c	415445	1575496	1							brn to lgt-gry rhy-tf sil-rich hard	
405	F241c	416286	1575243	1							lgt-brn lptf	
406	F242c	416802	1574880	1							lgt-gry lptf	
407	F243c	417511	1574946	1							lgt-pink lptf	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-12 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
408	F244c	418131	1574887	1								wht to lgt-brn lptf	
409	F245c	418634	1574565	1								pink lptf	
410	F246c	419209	1574761	1								brn da	
411	F247c	419708	1574705	1		1						brn da silicious hard	
412	F248c	420133	1574543	1								lgt-gry da-tf	
413	F249c	420164	1574580	1								pink s-weath tf	
414	F250c	420484	1575119	1								wht tf w-chloritized m-arg	
415	F251c	420739	1575245	1								red-brn fng tf	
416	F252c	421197	1575201	1	1	1					1	gry da-tf silicious fresh	
417	F253c	421734	1575705	1								wht to pink-brn da-tf	
418	F254c	422614	1575640	1								wht to lgt-brn lptf	
419	F255c	423191	1575858	1								gry porous lptf	
420	F257c	423420	1576340	1								lgt-gry fng tf	
421	F258c	424124	1575744	1								gry fng tf-origin talus deposit	
422	F259c	425499	1576706	1								gry-red sh	
423	F260c	418221	1587340	1								gry fng ss float	
424	F261c	418357	1587235	1								fng gry ss	Mina El Coyolito
425	F262c	418357	1587235	1	1	1	1					csg gry s-sil ss to cgl	Mina El Coyolito
426	F264c	418357	1587235	1		1						fng ss lgt-gry m to s-arg	Mina El Coyolito
427	F266c	418357	1587235	1								lgt-gry to brn fng ss	Mina El Coyolito
428	F267c	418422	1587407	1								red sh	
429	F268c	418451	1587382	1								wht to lgt-p-gry da-tf	
430	F270c	418817	1587090	1								gry ls & cc v	
431	F271c	419345	1586959	1								wht to lgt-gry fng tf	
432	F272c	419692	1587071	1								drk-red to drk-gry fng da	
433	F273c	419767	1586783	1		1						p-grn da-tf	
434	F274c	420074	1586052	1								lgt-gry to lgt-p-grn da	
435	F275c	419805	1586011	1								red sh	
436	F286c	419605	1585236	1								red sh & wht-brn alt	
437	F287c	419646	1585140	1								wht to lgt-grn-gry lptf mdg	
438	F289c	419656	1585109	1								red da	
439	F290c	419823	1584861	1								grn da	
440	F291c	420482	1584589	1								wht da-tf	
441	F292c	421602	1584437	1								gry fng da(?) cc vlt	
442	F293c	421783	1584499	1								cgl gry	
443	F294c	421908	1585072	1								red sh partialy w-arg(wht clay)	
444	F295c	422652	1584556	1								gry massive ls partialy wht-red arg	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-13 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
445	F296c	422716	1584470	1							cc vlt sh s-chloritized	
446	F297c	422745	1584234	1							p-brn da porphy	
447	F298c	423066	1583999	1							brn-grn da wt cc vlt	
448	F299c	423546	1584480	1							red sh & wht clgy vlt	
449	F300c	423687	1583496	1		1					sil-sinter in drk-gry ss m-sil w-cc	
450	F301c	423888	1583918	1							wht-red da	
451	F302c	424794	1583751	1							wht-pink(red) da	
452	K206c	412949	1599699	1							bsl	
453	K207c	412011	1598986	1							bsl	
454	K208c	412464	1598061	1							vbr, pumice& scoria-brg	
455	K209c	413050	1598139	1							bsl hyaloclastite	
456	K210c	413535	1597511	1							bsl	
457	K211c	415423	1597407	1							rhy-tf	
458	K212c	415474	1597319	1	1	1				1	perlite	
459	K213c	415322	1596293	1							tf, bio-brg	
460	K214c	415760	1595589	1							red tf	
461	K215c	416165	1594892	1							red ss	
462	K216c	416629	1594372	1							rhy-vbr	
463	K217c	410812	1594580	1							wht rhy-tf	
464	K218c	410714	1594350	1							grn tf-ss	
465	K219c	411824	1593994	1							gry rhy-tf	
466	K220c	412468	1593970	1							grn tbr	
467	K221c	412904	1594668	1							rhy-vbr	
468	K226c	422509	1589765	1							red ss/cgl	
469	K227c	421870	1589698	1							pink tf-ms	
470	K228c	421229	1589686	1							lgt-grn tbr	
471	K229c	421131	1589633	1							grn-purple bsl	
472	K230c	420554	1589333	1							red tf-ss	
473	K231c	420066	1589110	1							lgt-gry fng tf	
474	K241c	418668	1592061	1							gry tf-ss	
475	K242c	419359	1592387	1							lgt-grn tf	
476	K243c	419521	1592467	1							red cgl	
477	K244c	420088	1592176	1							red cgl	
478	K245c	420838	1592088	1							red-brn and	
479	K246c	421397	1591710	1							red ms	
480	K247c	421885	1591351	1							wht pumice tf	
481	K248c	422511	1590839	1							wht pumice tf, lithic fragment-brg	

G:Geochemical assay, T:Thin section, X:X-ray difraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-14 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
482	K249c	423453	1590398	1							wht pumice tf, lithic fragment-brg	
483	K250c	410843	1570005	1							red tf	
484	K251c	410984	1570478	1							pink tf	
485	K252c	411019	1570878	1							pink ig	
486	K253c	411189	1571741	1							red tf	
487	K254c	411259	1572424	1							red tf	
488	K255c	413314	1572936	1							brn to lgt-gry tf	
489	K256c	412934	1572744	1							gry pumice tf	
490	K257c	412153	1572668	1							lgt-gry pumice tf	
491	K258c	411702	1572184	1							lgt-gry pumice tf	
492	K259c	411123	1573190	1							red-gry tf	
493	K260c	410761	1573763	1							lgt-brn lptf	
494	K261c	410604	1574346	1							red-brn tf	
495	M250c	414971	1580417	1							pumice tf with red matrix	
496	M251c	414467	1580584	1							wht tf mica-brg	
497	M252c	414381	1581184	1							pumice tf wht	
498	M254c	415536	1581561	1							pumice tf with wht-gry matrix	
499	M255c	415659	1580928	1							wht tf	
500	M259c	419612	1581778	1							wht tf	
501	M260c	416366	1581057	1							pumice tf with brn-wht matrix	
502	M261c	417128	1581373	1							pumice tf with wht-gry matrix	
503	M262c	416918	1579460	1							wht tf	
504	M264c	417911	1579688	1							pumice tf with lgt-grn-gry matrix	
505	M265c	417492	1580064	1		1					yel-grn tf	
506	M266c	417122	1580401	1							wht tf	
507	M267c	416921	1580855	1							wht tf	
508	M268c	417763	1581940	1							lgt-brn tf	
509	M269c	418138	1581860	1							wht pumice tf	
510	M271c	417561	1582973	1							pumice tf with purple-gry matrix	
511	M272c	419058	1581606	1							purple-wht tf	
512	M286c	421450	1579847	1							m to w-sil wht tf	Mina Chanton
513	M287c	421519	1579701	1							wht tf	
514	M289c	422049	1579473	1							wht tf	Mina Chanton
515	M290c	422078	1579701	1							wht tf	
516	M291c	423126	1579827	1							wht tf	
517	M292c	423745	1580060	1							wht tf	
518	M293c	424450	1580341	1							wht tf	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-15 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K		
519	M294c	425102	1580662	1							wht ms	
520	M295c	407151	1585124	1							wht pumice tf	
521	M296c	407391	1585728	1							wht tf	
522	M297c	408248	1585835	1							brn tf	
523	M298c	408587	1586108	1							wht tf	
524	M299c	408492	1586470	1							lgt-brn tf	
525	M300c	409260	1586402	1							wht tf	
526	M301c	408301	1586835	1							brn rhy	
527	M302c	408900	1587000	1							wht tf	
528	M303c	407952	1586548	1							wht pumice tf	
529	M304c	407000	1586710	1							gry rhy	
530	M305c	412717	1582337	1							lgt-brn tf	
531	M307c	412978	1581590	1							wht tf	
532	M308c	413481	1581277	1							brn tf	
533	M309c	419519	1581575	1							wht tf	
534	M310c	419574	1581563	1							brn rhy	
535	M311c	420198	1581707	1							lgt-purple tf	
536	M312c	420737	1581908	1							wht tf	
537	M313c	421565	1581866	1							wht pumice tf	
538	M314c	422328	1581640	1		1					lgt-grn pumice tf	
539	M315c	423002	1581543	1							wht tf	
540	M317c	423500	1581712	1							wht pumice tf	
541	M318c	423621	1582250	1							lgt-grn tf	
542	M319c	424349	1582100	1							wht tf	
543	M320c	424864	1582295	1							wht ss	
544	M334c	421947	1586567	1							w-sil fng ss	Mina Rubi
545	M335c	421947	1586567	1							w-sil fng ss	Mina Rubi
546	M336c	421947	1586567	1		1					m-sil fng ss	Mina Rubi
547	M337c	421947	1586567	1		1					s-sil rock	Mina Rubi
548	M340c	421947	1586567	1		1					s-arg rock	Mina Rubi
549	M341c	421947	1586567	1		1					m-sil m-arg fng ss(?)	Mina Rubi
550	M342c	421947	1586567	1		1					m-sil m-arg fng ss(?)	Mina Rubi
551	M344c	421910	1586541	1							gry fng ss & qtz v	
552	M345c	421885	1584711	1		1					sil & arg fng ss	Mina Rubi
553	M346c	421885	1584711	1							w-sil fng ss	Mina Rubi
554	M347c	421885	1584711	1							w-sil fng ss waste	
555	T150c	413796	1596287	1							wht tbr	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-16 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
556	T151c	410879	1598324	1	1						ol bsl	
557	T152c	414349	1592842	1							wht tf	
558	T153c	414872	1592975	1							red-brn rhy	
559	T154c	415891	1593788	1							tbr	
560	T155c	417384	1594016	1							red-brn ss/sh	
561	T156c	417384	1594016	1							ss/sh buff color	
562	T157c	418858	1593802	1							wht tf	
563	T158c	419568	1593801	1							wht tf	
564	T159c	420380	1594072	1							da limo	
565	T160c	420492	1594139	1							da	
566	T161c	413631	1595218	1							tf	
567	T162c	413965	1595428	1							fissure in tf limo	
568	T163c	414205	1595431	1							wht tf kaol	
569	T164c	414950	1595388	1							wht tf	
570	T165c	415264	1594473	1							brecciated rhy	
571	T166c	415484	1595689	1							wht tf	
572	T167c	422186	1597703	1							da-tf	
573	T171c	414609	1580123	1		1					silic wht tf	
574	T172c	416887	1589433	1							alt tf limo	
575	T173c	417137	1589026	1							and-tbr	
576	T174c	417033	1588905	1							red-brn sh	
577	T175c	417000	1588866	1							red-brn sh	
578	T176c	417497	1588894	1							snd-and-tf	
579	T177c	418680	1588718	1							red-brn ss	
580	T178c	418680	1588718	1							fissure in ss 8-cm-w carbonized	
581	T179c	419170	1588697	1							ss/sh	
582	T180c	419225	1588660	1							and lava	
583	T181c	419200	1588660	1		1					grn alt mineral chl?	chl?
584	T182c	419559	1588684	1							alt fissure in tbr buff 1.3m-w	
585	F276a	425462	1541489	1							drk-gry and-ig	
586	F277a	425483	1541060	1							w-weath brn ig	
587	F278a	425809	1540587	1							lgt-brn to wht da	
588	F279a	425847	1540377	1							red fng da	
589	F280a	425993	1540077	1							drk-gry da	
590	F281a	426149	1539296	1							purple to drk-gry da	
591	F282a	426216	1538925	1							red da s-weath & wht clay v	
592	F283a	426162	1538504	1	1	1				1	blk bsl	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-17 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
593	F284a	425719	1537833	1							red alt bsl-ig(da?) weath?	
594	F285a	424741	1537703	1							drk-gry and(bsl)-da(ig)	
595	F303a	432387	1540992	1							drk-gry and	
596	F304a	432085	1540813	1		1					wht s-arg and(da?)	
597	F305a	432085	1540813	1							and(da?) lgt-brn	
598	F306a	431748	1540423	1							drk-gry to gry and fng	
599	F307a	431303	1540413	1							drk-gry and	
600	F308a	430835	1540232	1							lgt-brn-gry and(da?) wht vlt	
601	F309a	430546	1540275	1							red to drk-gry and(da?)&redsoil	
602	F310a	430293	1540380	1							drk-brn da-and & wht v	
603	F311a	429899	1540352	1							drk-gry da-and	
604	F312a	440839	1530560	1							brn da-tf	
605	F313a	440880	1530413	1							gry fng tf partialy lptf	
606	F314a	440821	1529874	1							lgt-pink-brn lptf	
607	F315a	440848	1529484	1		1					lgt-gry pumice tf	
608	F316a	440799	1529144	1							red rock (lptf?) & wht clay v	
609	F317a	440799	1529144	1							p-gry da-tf	
610	F318a	440665	1528861	1		1					drk-gry bsl-and	
611	F319a	440569	1528468	1							lgt-red-brn da	
612	F320a	440569	1528458	1							lgt-pink lptf pumice-brg	
613	F321a	440398	1528221	1							drk-red and partialy arg	
614	F322a	440615	1527667	1							drk-gry mdg and	
615	F323a	438845	1527140	1							drk-gry fng and	
616	F324a	438973	1527277	1							red and	
617	F326a	439544	1527273	1							drk-gry to drk-brn and-tbr	
618	K232a	428347	1541653	1							gry tbr	
619	K233a	428280	1541091	1							tbr	
620	K234a	428988	1540074	1							brn tf	
621	K235a	429124	1539869	1							and-bsl	
622	K236a	429480	1539362	1							and por? pyroclastic	
623	K237a	430122	1538808	1							brn tf (por?)	
624	K238a	429743	1538418	1							brn por? (diolitic?)	
625	K239a	429632	1537811	1							brn por? (diolitic?)	
626	K240a	429147	1537085	1							brn tf-ss	
627	K262a	430289	1534342	1							drk-grn and	
628	K263a	429916	1534397	1							por?	
629	K264a	430225	1531834	1							drk-grn and	

G:Geochemical assay, T:Thin section, X:X-ray difraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-18 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
630	K265a	429832	1531739	1								lgt-brn slate	
631	K266a	430013	1531254	1								lgt-grn tf-ss to cgl	
632	K267a	428369	1532395	1								lgt-gry fng tf	
633	K268a	428990	1533807	1								lgt-grn tf-ogl	
634	K269a	434600	1534484	1								gr por?	
635	K270a	434576	1533943	1	1	1					1	da por pink, bio-brg	
636	K271a	434706	1533576	1								pink ig	
637	K272a	434745	1533109	1								red-brn tf	
638	K273a	434886	1532355	1								bsl	
639	K274a	434126	1531024	1								drk-gry tf, scoria-brg	
640	K275a	434260	1531565	1								and	
641	M322a	428313	1535664	1								blk bsl	
642	M324a	428078	1535285	1		1						qtz vlt net	
643	M326a	427200	1534925	1								gry and	
644	M327a	426498	1535462	1								drk-gry bsl	
645	M328a	426375	1535518	1		1						grn lotf	
646	M331a	424381	1536578	1		1						yel(-grn) and with ep	
647	M332a	424815	1536989	1								lgt-brn tbr	
648	M333a	424847	1537266	1								drk-gry bsl-and	
649	M349a	431386	1536329	1								w-weath bsl	
650	M350a	431018	1536942	1								w-weath bsl	
651	M351a	430672	1536938	1								drk-gry bsl	
652	M352a	430623	1536919	1								lgt-brn ms	
653	M353a	429986	1536429	1								blk bsl	
654	M355a	440655	1525450	1								blk bsl	
655	M356a	440544	1526071	1								lgt-brn pumice tf	
656	M357a	440558	1526248	1								blk bsl	
657	M358a	440543	1526305	1		1						grn bsl	
658	M359a	440781	1526878	1								blk bsl	
659	M360a	440800	1526925	1								lgt-gry rhy	
660	T183a	429316	1534598	1								alt and silic limo	near Las Minitas
661	T184a	429316	1534598	1	1	1						alt and?-tbr silic limo	near Las Minitas
662	T185a	429316	1534598	1								wht alt and silic limo	near Las Minitas
663	T186a	429316	1534598	1	1	1						alt and?	near Las Minitas
664	T187a	428248	1533334	1								por	
665	T188a	429544	1534630	1								por dyke 2m-w	
666	T189a	429544	1534630	1								and weath	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-19 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K			
667	T190a	429167	1535036	1								wht alt soil	
668	T191a	429024	1535308	1	1							red-brn and-tbr	
669	T192a	428648	1535796	1	1	1						bsl	
670	T193a	428720	1535916	1								wht tbr	
671	T194a	428720	1535916	1								bsl?	
672	T195a	429509	1536400	1								weath and por	
673	T196a	436145	1531908	1								bsl	
674	T197a	436517	1532178	1								bsl weath	
675	T198a	437079	1532136	1								bsl weath	
676	T199a	437592	1531890	1								bsl weath red	
677	T200a	438139	1531940	1								bsl crastic	
678	T201a	438753	1531815	1								bsl crastic	
679	T202a	439202	1531605	1								bsl	
680	T203a	439787	1531290	1								bsl crastic	
681	T204a	440318	1531128	1								bsl	
682	T205a	440526	1530984	1								and-bsl stratiform	
683	T206a	440638	1530984	1								da-tbr	
684	T207a	440835	1531106	1								da-tbr	
685	T208a	441451	1531107	1								aglo	
686	T209a	442112	1531002	1								tbr	
687	F327M	395741	1568424	1								lgt-purple tf	
688	F328M	394909	1567723	1								red-brn soil	
689	F329M	393827	1567986	1								lgt-purple-gry rhy-welded tf	
690	F330M	393550	1567913	1								lgt-p-grn tf w-sil w-chloritized	
691	F331M	393416	1567941	1		1						lgt-gry qtz v in brn s-weath tf	
692	F332M	392404	1568924	1								lgt-gry lptf	
693	F333M	392655	1569765	1		1						wht da	
694	F334M	393373	1570412	1								lgt-pink mdg da	
695	F335M	394390	1570610	1								lgt-pink-gry da-tf	
696	F336M	394975	1570659	1								lgt-brn lptf w-sil	
697	F337M	395949	1570628	1								lgt-brn tf	
698	F338M	387097	1564696	1								wht-grn to lgt-brn fng da(tf?)	
699	F339M	385958	1564960	1								lgt-purple tf	
700	F340M	385413	1565422	1								p-brn (da-)tf	
701	F341M	384580	1565318	1								brn to red-brn lptf	
702	F342M	383463	1565798	1								lgt-gry to red-brn tf	
703	K276M	381606	1558274	1								red to brn ms	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-20 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
704	K277M	381876	1559504	1								gry tbr	
705	K278M	381652	1562182	1								red-brn tf	
706	K279M	382949	1560231	1								drk-brn tf-ms	
707	K280M	383052	1558930	1								drk-brn tf-ms	
708	K281M	383985	1557604	1								lgt-red to brn tf	
709	K282M	383262	1560339	1								lgt-brn lptf	
710	K283M	383501	1560960	1								lgt-brn lptf	
711	K284M	383501	1560960	1								arg v	
712	K285M	383596	1561616	1								lgt-brn tf, bio-brg	
713	K286M	383680	1562029	1	1	1						pink ig	
714	K287M	384705	1562891	1								pink tbr	
715	K288M	386212	1562398	1								pink pumice tf	
716	K289M	387342	1563109	1								lgt-brn pumice tf	
717	K290M	388556	1563264	1								lgt-gry lptf	
718	K291M	389527	1563910	1								lgt-brn lptf, bio-brg	
719	K292M	390027	1562983	1								lgt-brn lptf, bio-brg	
720	K293M	390351	1561778	1								brn pumice tf	
721	K294M	390649	1560640	1								brn pumice tf	
722	K295M	391620	1559025	1								lgt-brn tf	
723	K296M	391323	1557723	1								lgt-brn pumice tf	
724	K297M	389673	1557962	1								lgt-gry tf	
725	K298M	396001	1562548	1								lgt-brn tf, mica-brg	
726	K299M	396282	1559475	1								red to brn tf-ms	
727	K300M	392611	1560638	1								brn pumice tf, mica-brg	
728	M362M	391710	1566731	1								wht tf	
729	M364M	390716	1565157	1								wht tf	
730	M368M	389387	1565576	1								lgt-gry rhy (perlite)	
731	M370M	388607	1567097	1								wht tf	
732	M371M	388290	1568416	1								drk-gry pumice tf	
733	M372M	388406	1569381	1								lgt-brn pumice tf	
734	M373M	388464	1570464	1								lgt-gry welded tf	
735	M374M	389666	1572034	1								lgt-gry welded tf	
736	M375M	390222	1569407	1								lgt-brn tf	
737	M376M	390841	1568292	1								drk-gry tf	
738	M377M	387931	1571173	1								drk-gry tf	
739	M378M	387620	1572299	1								wht pumice tf	
740	M379M	385743	1571452	1								wht tf>gry tf	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-21 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
741	M380M	383905	1570618	1								wht tf	
742	T210M	392712	1560600	1	1	1						silic rhy	
743	F001g	465905	1525350	1								gry to pink da	
744	F002g	465655	1525325	1								lgt-red da	
745	F003g	465182	1525214	1		1						red to brn da	
746	F004g	462501	1526482	1		1						brn da	
747	F005g	462546	1526842	1		1						grn alt da in red da	
748	F006g	462552	1526856	1								lgt-grn da, w-arg	
749	F007g	459691	1519988	1								red da	
750	F008g	459559	1520260	1								wht s-alt da	
751	F009g	459379	1520482	1		1						gry da & grn mineral	
752	F010g	459470	1520920	1								wht to lgt-gry da	
753	F012g	459580	1521423	1								wht to lgt-pink tf-da, bio-brg	
754	F013g	459784	1521926	1	1	1						red ig	
755	F014g	459454	1522237	1								red-grn da	
756	F015g	459100	1522146	1								lgt-gry to grn tf, s to m-waeth	
757	F016g	458911	1522070	1								wht to lgt-grn da	
758	F017g	458473	1522798	1								wht-grn tbr	
759	F018g	458784	1522592	1								lgt-grn tf & breccia of red da	
760	F019g	458607	1519983	1								red-da	
761	F020g	462696	1522310	1								gry tf(da-),gz(?)vlet 0.1cm-w	
762	F021g	462966	1521970	1								wht tf float?	
763	F022g	463140	1521794	1								drk-gry and-tf	
764	F023g	463099	1521616	1	1	1						wht-pink rhy-lptf, shared	
765	F025g	460232	1522050	1								and-tf, gry-red	
766	F026g	460202	1522108	1								grn tf	
767	F027g	460477	1522375	1								red da, qtz vlt	
768	F028g	460689	1522627	1								red da, qtz vlt	
769	F029g	461126	1522691	1								red da	
770	F030g	461411	1522558	1								lgt-gry to pink da-tf	
771	F031g	461797	1522282	1								red to lgt-grn tf	
772	K001g	463015	1524844	1								wht-grn bio tf	
773	K002g	463361	1524635	1								brn ig	
774	K003g	463931	1524573	1								pink qtz bt ig	
775	K004g	464638	1523957	1	1	1					1	pink qtz bt ig	
776	K005g	465709	1523932	1								pink qtz bt ig	
777	K006g	465932	1524442	1								yel qtz bio ig	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-22 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
778	K007g	464804	1522701	1							brn ig	
779	K008g	465158	1521939	1							wht qtz bio tf	
780	K009g	465913	1522047	1							bsl	
781	K013g	462081	1524801	1							vbr	Rio La Sonta
782	K017g	462081	1524801	1		1					vbr	Rio La Sonta
783	K023g	460254	1525634	1							pink da	
784	K024g	460345	1526173	1							wht-grn tf	
785	K025g	460106	1526764	1							pink ig	
786	K026g	459997	1527274	1							pink ig	
787	K027g	459483	1527585	1							wht tf	
788	K028g	458848	1524631	1							volcanic cgl	
789	K029g	458848	1524631	1							and	
790	K030g	458693	1524981	1							bsl	
791	K031g	458612	1525125	1							and	
792	K032g	458561	1525270	1							wht-grn tf	
793	K033g	458217	1525393	1							wht-grn tf	
794	K034g	459159	1523982	1							and-da volcanic cgl	
795	K035g	459109	1523082	1							and-da volcanic cgl	
796	K036g	458512	1522852	1							and-da volcanic cgl	
797	M001g	463942	1527993	1		1					lgt-grn-yel tf	
798	M002g	463176	1527231	1							brn tf	
799	M003g	463207	1526990	1							lgt-brn tf	
800	M004g	463009	1526600	1							lgt-gry-brn welded tf	
801	M005g	462295	1525006	1							wht lptf	Rio La Sonta
802	M006g	462287	1524987	1							wht lptf	Rio La Sonta
803	M007g	462279	1524975	1		1					blk hard qtz v?	Rio La Sonta
804	M008g	462255	1524943	1							wht lptf	Rio La Sonta
805	M010g	462289	1524903	1		1					wht lptf sil arg	Rio La Sonta
806	M011g	462252	1524876	1		1					welded tf sil arg	Rio La Sonta
807	M012g	462273	1524836	1							wht lptf sil py	Rio La Sonta
808	M013g	462245	1524809	1							wht lptf sil arg py	Rio La Sonta
809	M014g	462193	1524807	1		1					wht lptf sil py	Rio La Sonta
810	M015g	462144	1524812	1							wht lptf sil arg py	Rio La Sonta
811	M016g	462068	1524850	1		1					blk alt rock py	Rio La Sonta
812	M017g	462021	1524875	1		1					drk gry and arg py	Rio La Sonta
813	M018g	461977	1524877	1							s-sil lgt-gry rock and? s-sil py	Rio La Sonta
814	M019g	462746	1519348	1							lgt-gry tf(?) m-weath	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-23 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
815	M020g	463120	1519374	1								gry and w-weath	
816	M021g	463278	1519456	1								drk-gry bsl	
817	M022g	463391	1519436	1								gry and amygdal	
818	M023g	463890	1519632	1								gry bsl	
819	M024g	464035	1519979	1								drk-gry bsl	
820	M025g	464192	1520123	1								drk-gry bsl-vbr	
821	M026g	464209	1520177	1								wht tf bio-brg	
822	M027g	464400	1520600	1								wht tf	
823	M028g	462639	1519645	1								gry bsl	
824	M029g	462218	1519969	1								gry and	
825	M030g	462131	1520138	1								blk bsl	
826	M031g	461394	1520412	1								blk bsl w-weath	
827	M032g	461723	1520650	1								blk bsl w-weath	
828	M033g	462295	1522668	1								lgt-gry tf pumice-brg	
829	M034g	462210	1522829	1		1						sil part along joint	
830	M035g	462210	1522829	1								wht tf	
831	M037g	462159	1522895	1								wht tf near qtz v	
832	M038g	462001	1523131	1								wht tf pumice-brg	
833	M039g	461891	1523380	1								wht tf with limo	
834	M040g	461509	1523400	1								wht tf pumice-brg	
835	M041g	461002	1523283	1								wht tf pumice-brg	
836	M042g	460626	1523088	1								wht tf pumice-brg	
837	M043g	460529	1522922	1								brn tbr	
838	M044g	460285	1522778	1								lgt-brn-gry bsl w-weath	
839	M045g	460053	1522490	1								gry and w-weath	
840	T001g	466572	1526029	1								ig limo	
841	T002g	466059	1525998	1		1						ig silic	
842	T003g	465659	1526131	1								ig lomo	
843	T004g	465462	1526488	1								wht tbr	
844	T005g	465240	1526362	1								wht ig	
845	T006g	464859	1525997	1								feldsite?	
846	T007g	464859	1525997	1								blk sh	
847	T008g	464703	1526230	1								chloritized ig	
848	T009g	464395	1526607	1								tbr	
849	T010g	464407	1526842	1	1	1						tf limo pumice-brg	
850	T011g	464630	1527078	1								weath tf	
851	T012g	464666	1527202	1								rhy	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-24 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号 Sample No.	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
852	T013g	464440	1527733	1							and	
853	T026g	459297	1527525	1							ig	
854	T027g	459279	1526904	1							ig	
855	T028g	459084	1526831	1							snd-tf	
856	T030g	458961	1526641	1							tf	
857	T031g	458784	1526446	1	1						ig	
858	T032g	458716	1526248	1							bio da-tf	
859	T033g	459477	1524971	1							tf	
860	T034g	459397	1524895	1							drk-gry and	
861	T035g	459196	1524326	1							weath tbr limo	
862	T036g	459624	1524444	1							and	
863	T037g	459797	1524506	1							aglo	
864	T038g	460187	1524526	1							and limo	alt zone
865	T039g	460224	1524512	1		1					and py	alt zone
866	T040g	460224	1524512	1		1					and py	alt zone
867	T041g	460224	1524512	1	1	1	1				and py sil	alt zone
868	T042g	460224	1524512	1		1					and py	alt zone
869	T043g	460224	1524512	1		1					and py	alt zone
870	T044g	460224	1524512	1		1					and py	alt zone
871	F032h	516866	1578090	1		1					brn clay	
872	F033h	516863	1578081	1							lgt-brn cgl	
873	F034h	516752	1577937	1							cgl. w-weath, w-py-diss.	
874	F035h	516711	1577880	1							m-weath-and.	
875	F038h	516273	1577925	1							brn and	
876	F039h	516221	1577906	1							brn da	
877	F040h	516090	1577880	1							m-weath-and	
878	F041h	516015	1577890	1							gry and w-sil w-py-dissemi	
879	F043h	519020	1575229	1							lgt-brn sh	
880	F044h	519136	1575289	1							s-sil rock	
881	F046h	519577	1576626	1							gry fng ss, w-arg	
882	F047h	519588	1576980	1							m to s-weath da	
883	F048h	519321	1577260	1							lgt-brn to brn da	
884	F049h	519052	1577495	1							s to m-weath brn da	
885	F050h	519710	1576851	1							drk-gry to blk sh	
886	F051h	519710	1576851	1							wht-brn quartzite&hem	
887	F052h	520105	1577102	1							brn-gry m-weath sh	
888	F054h	520038	1576247	1							blk sh &wht-brn clay	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-25 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K			
889	F055h	520118	1576251	1		1						gry-brn csg quartzite	
890	F056h	519992	1575959	1								m-weath brn-gry sh	
891	F057h	519917	1575572	1								cgl of qtz & hem	
892	F058h	519809	1575180	1								gry mdg ss	
893	F059h	519699	1574984	1		1						gry schist	
894	F061h	519612	1574886	1		1						float weath skarn? ep?	
895	F062h	519428	1574447	1								brn mdg ss	
896	F063h	518945	1574559	1								lgt-brn da, m-weath	
897	F064h	518867	1574180	1								brn fng ss, qtz rich	
898	F065h	519360	1573943	1								brn da, m-weath	
899	F066h	519622	1573983	1								blk fng ls & cc net	
900	F067h	519642	1573906	1								drk-gry and, contact with sh	
901	F068h	519495	1573498	1	1	1						grn-gry fng diorite porphyry	
902	F070h	518947	1579391	1								gry fng ss	
903	K037h	518125	1578980	1								brn tf	
904	K038h	518246	1578890	1								and por	
905	K039h	518749	1578706	1								blk ms/ss	
906	K040h	518569	1578778	1		1						blk ms	
907	K042h	518503	1578857	1								grn tf	
908	K043h	515912	1576446	1								gry-brn schist, segregation qtz	
909	K044h	516460	1576021	1								red-gry schist	
910	K045h	514334	1572304	1								volcanic cgl	
911	K046h	514050	1572615	1								lgt-grn tf, pumice-brg	
912	K047h	513547	1572704	1								red vbr	
913	K048h	513471	1573112	1								lgt-grn volcanic cgl	
914	K049h	513604	1573633	1								lgt-grn volcanic cgl	
915	K053h	515918	1573099	1	1	1						ig	Mina Las Jaguas
916	K058h	515279	1573229	1								bsl-and	Mina Las Jaguas
917	K064h	515188	1573762	1								da por	
918	K071h	517076	1572153	1								red-brn siltstone, sericite?	
919	K072h	516770	1571778	1								gry ss	
920	K073h	516378	1571443	1								red-brn ss/cgl	
921	K074h	515998	1571111	1								red brn ss	
922	K075h	513066	1577631	1								brn-wht tf	
923	K076h	513713	1577444	1								lgt-grn da-tf	
924	M046h	518516	1574614	1								lgt-gry sil rock	
925	M048h	517960	1574467	1								gry and	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-26 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks	
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K			
926	M050h	517934	1574374	1								gry ss	
927	M052h	517973	1574242	1								blk ms	
928	M054h	518061	1573591	1								blk to gry ss	
929	M055h	518231	1573223	1								blk ms with ss fragments	
930	M056h	518366	1572900	1								gry ss	
931	M058h	518463	1572755	1								blk ms	
932	M059h	517879	1574530	1								blk ms	
933	M060h	517936	1574583	1								gry cgl with qtz fragments	
934	M062h	518116	1574050	1								lgt-gry ss	
935	M064h	518397	1575390	1								gry ss with qtz net	
936	M065h	518794	1575500	1								lgt-gry ss m-weath	
937	M066h	519068	1576404	1								lgt-brn cgl m-weath	
938	M067h	518998	1576457	1								blk ms w-weath	
939	M068h	518880	1576572	1								lgt-brn ss w-weath	
940	M069h	518864	1576546	1								lgt-gry to wht m-sil rock	
941	M070h	518936	1576632	1								wht to lgt-gry m-sil rock	
942	M071h	519180	1576760	1								gry ss w-weath	
943	M072h	518610	1576642	1								blk ms	
944	M073h	518370	1576693	1								m-sil ss w-weath	
945	M074h	518172	1576836	1								gry ms	
946	M075h	517982	1576799	1								lgt-gry ss	
947	M076h	517701	1576836	1								gry ms	
948	M077h	517649	1576865	1								wht s-sil rock	
949	M078h	517356	1576456	1								lgt-brn ss	
950	M079h	519237	1575987	1								gry ms w-weath	
951	M080h	517595	1578125	1								blk ms	
952	M081h	517625	1578071	1								lgt-gry ss	
953	M082h	517548	1577970	1								lgt-gry ss	
954	M083h	517319	1577930	1								lgt-gry ss w-weath	
955	M084h	517426	1577767	1								lgt-gry ss	
956	M085h	517433	1577685	1								blk ms	
957	M086h	517379	1577541	1								lgt-gry ss	
958	M087h	517411	1577350	1								lgt-gry ms w-weath	
959	M088h	517260	1577098	1								lgt-gry ms w-weath	
960	M089h	517092	1577092	1								lgt-gry-brn ms w-weath	
961	M090h	517050	1577076	1								lgt-gry ms w-weath	
962	M091h	517005	1577028	1								red and m-limo	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-27 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rook Facies	備考Remarks
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K		
963	M092h	516941	1576829	1							and w-weath	
964	M093h	517001	1576709	1							and w-weath	
965	M094h	517031	1576583	1							lgt-gry ms	
966	M095h	517262	1576997	1							lgt-gry ms	
967	M096h	517379	1576902	1							gry to blk ms	
968	T045h	517203	1578164	1	1		1				fng calcaceous ss py vlt	py vlt
969	T046h	517223	1578169	1							cgl	
970	T047h	517243	1578170	1							calcareous ss	
971	T049h	517386	1578145	1							cgl move qtz-rich	
972	T050h	517386	1578145	1							ss py vlt	
973	T051h	517387	1578187	1							fng ss py vlt	
974	T052h	517659	1578106	1							ss	
975	T053h	517700	1578070	1							ls move	
976	T054h	517820	1578061	1							blk sh	
977	T055h	517955	1578185	1							blk sh	
978	T057h	518327	1578388	1							ss	
979	T058h	515846	1576448	1							qtz v in ss 10cm-w	
980	T059h	515711	1576011	1							ss	
981	T060h	515724	1575700	1							ss	
982	T061h	515724	1575700	1	1						diorite move	
983	T062h	515806	1575487	1							ss	
984	T063h	515806	1575487	1							qtz v 10cm-w	
985	T064h	515740	1575232	1							ss	
986	T065h	515271	1575035	1							ls	
987	T066h	515271	1575035	1							ss	
988	T067h	515566	1574539	1							sh weath	
989	T068h	515633	1574244	1							calcareous sh	
990	T069h	515749	1574134	1	1						diorite porphyry	
991	T070h	515850	1573850	1							ss	
992	T071h	516054	1572491	1	1						ss/cgl	
993	T072h	516693	1572428	1							sh/ss	
994	T073h	517147	1572470	1							cgl	
995	T074h	517449	1572360	1							ss/cgl	
996	T075h	517936	1572316	1							ss/sh	
997	T076h	517987	1572344	1	1	1					and carbonized	
998	T078h	518117	1572381	1							sheared sh	
999	T081h	512775	1577996	1							rhy-tbr	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

A-28 採取岩石試料一覽表 Relacion de Muestras (Rocas)

No.	試料番号	Coordinate		Laboratory work							岩相Rock Facies	備考Remarks
	Sample No.	X(m)	Y(m)	G	T	X	P	O	F	K		
1000	T082h	512950	1578045	1							rhy-tbr limo	
1001	T083h	513198	1578072	1	1						rhy-tbr	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar da

B. 採取鉍石試料一覽表

B-1 採取鉍石試料一覽表 Relacion de Muestras (Minerales)

No.	試料番号 Sample No.	UTM		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
1	F071 P	584050	1577944			1	1	1	1		qtz waste&sulfide	Palmillas(#4)
2	F073 P	584352	1578066					1			qtz net	Palmillas(La Garita)
3	F074 P	584345	1578063					1			qtz v	Palmillas(La Garita)
4	F076 P	584635	1578078					1			qtz waste	Palmillas(San Jose)
5	F077 P	584038	1577971					1			qtz in fault gauge	Palmillas(#5)
6	F078 P	584001	1577973					1			qtz & hem	Palmillas(#6)
7	F083 P	586025	1578948					1	1		qtzv waste &py dissemi	Rehabilitacion 3
8	F085 P	586107	1578937					1			qtzv	Rehabilitacion 4
9	F086 P	586107	1578937			1		1			wht fng ss w to m-sil&arg	Rehabilitacion 4
10	F088 P	585792	1578884					1			shared fng ss & qtz v	Rehabilitacion(Buena Vista)
11	F091 P	586041	1578932					1			qtz waste	Rehabilitacion 5
12	F092 P	586103	1578936					1			qtz v & hostrock(ss)	Rehabilitacion 4
13	F093 P	586103	1578936		1	1	1	1			blk mial&qtz vlt & hostrock(ss)	Rehabilitacion 4
14	F094 P	586103	1578936					1			qtzvlt & hostrock(ss)	Rehabilitacion 4
15	K080 P	588683	1578960			1		1	1		qtz v	
16	M098 P	581937	1578615					1			wht qtz v 1-5cm-w	
17	M100 P	581920	1578554					1			wht qtz v 1-6cm-w	
18	M101 P	581885	1578476					1			wht qtz v 1-5cm-w	
19	M104 P	581300	1577230					1			qtz net in fng ss	
20	M108 P	581134	1576208					1			qtz net in fng ss	
21	M110 P	581120	1575435					1			wht qtz net	
22	M111 P	581135	1575257					1			wht qtz net with ms 0.1-2cm-w	
23	M113 P	581607	1574314					1			wht qtz v 0-2cm-w	
24	M115 P	581620	1573280					1			wht qtz net 10cm-w	
25	M120 P	580580	1575222					1			qtz v	Mina Escondido
26	M122 P	580587	1575204					1			sil v	Mina Escondido
27	M123 P	580587	1575204			1		1			brn clay	Mina Escondido
28	M128 P	581567	1572869					1			qtz v	
29	M130 P	581626	1572287					1			qtz blocks (not vein)	
30	M131 P	581576	1572181					1			qtz v 1 to 10cm-w	
31	M137 P	580663	1568794					1			qtz films along joints	
32	M139 P	580720	1568274					1			qtz net 1 to 10cm-w	
33	M141 P	580775	1567738					1			qtz v 20cm-w	
34	T085 P	589808	1576539			1		1			qtz v 10cm-w	
35	T089 P	588534	1574191					1			qtz v 10cm-w	
36	T092 P	588261	1572563					1			qtz v 10cm-w	
37	T096 P	587624	1570715					1			qtz v 10cm-w/30cm-w	

G:Geochemical assay, T:Thin section, X:X-ray difraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar dating

B-2 採取鉍石試料一覽表 Relacion de Muestras (Minerales)

No.	試料番号 Sample No.	UTM		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
38	T100 P	588400	1576350						1		qtz v 10cm-w	
39	T101 P	588437	1575878						1		qtz v 20cm-w	
40	F099 O	302872	1601477			1			1		wht to red-brn-blk minerals soft	
41	F102 O	301560	1601960						1		qtz? vein chalcedonic	
42	F135 O	298143	1604394			1			1	1	qtz v	
43	F136 O	298143	1604394			1			1		red-brn alt part in blk phyllite	
44	F138 O	298703	1603825						1		qtz bunch (like a vein) in blk phyllite	
45	K130 O	297781	1610594			1	1	1			hem, magnetite?, Mn-ox, chl	
46	M143 O	306570	1601069					2	1		ore & sil rock	Mina El Durazno OP(1) OP(
47	T118 O	296466	1605443		1	1			1		chalcedonic tf	
48	T122 O	297150	1607200						1		fissure 10cm-w	
49	T123 O	297450	1607600						1		red soil	
50	T124 O	297650	1608200						1		wht net hydrothermal-origin	
51	F141 Q	355778	1628588			1			1		lgt-brn s-arg rock	Mina Quitagana
52	F142 Q	355778	1628588						1		and	Mina Quitagana
53	F143 Q	355778	1628588			1			1		and	Mina Quitagana
54	F144 Q	355778	1628588						1		and	Mina Quitagana
55	F145 Q	355778	1628588			1			1		and&brn gossan	Mina Quitagana
56	F146 Q	355778	1628588			1			1		brn gossan	Mina Quitagana
57	F147 Q	355778	1628588			1			1		brn gossan	Mina Quitagana
58	F148 Q	355778	1628588			1			1		blk to brn gossan	Mina Quitagana
59	F149 Q	355778	1628588			1	1	1			blk to brn gossan	Mina Quitagana
60	F150 Q	355778	1628588			1			1		ore	Mina Quitagana
61	F151 Q	355778	1628588						1		ore	Mina Quitagana
62	F152 Q	355778	1628588						1		ore	Mina Quitagana
63	F153 Q	355778	1628588			1	1	1			ore	Mina Quitagana
64	F154 Q	355778	1628588			1	1	1			ore	Mina Quitagana
65	F155 Q	355778	1628588		1		1	1			skarn ore	Mina Quitagana
66	F156 Q	355778	1628588			1			1		gossan	Mina Quitagana
67	F162 Q	355778	1628588		1	1	1	1			ore with hedenbergite skarn	Mina Quitagana
68	F163 Q	355864	1628376						1		oxid Fe, hem specularite, magnetite	Mina Quitagana
69	F183 Q	369315	1628030				1		1		blk ss(?) m-sil qtz vit	near El Molo
70	F202 Q	373135	1628838		1	1	1	1			gry sil-rock stibnite py dissemination	
71	F203 Q	373135	1628838						1		gry sil-rock qtz vit	
72	F204 Q	373135	1628838						1		wht sil-sinter	
73	F205 Q	373135	1628838			1			1		wht sil-sinter	
74	F206 Q	373135	1628838			1			1		gry porous sinter (last stage sinter)	

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar dating

B-3 採取鉱石試料一覧表 Relacion de Muestras (Minerales)

No.	試料番号 Sample No.	UTM		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
75	F210 Q	368636	1626548			1	1					gypsum(?) net in red-brn fng ss float?	
76	K146 Q	355876	1628322			1	1	1				py chl v	Mina Quitagana
77	K147 Q	355899	1628284			1	1					sil arg rock, yel to brn	Mina Quitagana
78	K175 Q	360853	1627945	1	1	1	1					gry siltstone, py dissemination	near Mina Matasano
79	K176 Q	360853	1627945			1	1	1				cgl, py dissemination, sph, gln	near Mina Matasano
80	K177 Q	360853	1627945			1	1					gry ss	near Mina Matasano
81	K178 Q	360853	1627945			1	1					arg rock	near Mina Matasano
82	K180 Q	360836	1627978			1	1					fissured rock, arg, limo	near Mina Matasano
83	M195 Q	355887	1628257			1	1	1				ore	Mina Quitagana
84	M196 Q	355887	1628257			1	1	1				ore	Mina Quitagana
85	M197 Q	355887	1628257			1	1					ore	Mina Quitagana
86	M198 Q	355887	1628257			1	1	1				ore	Mina Quitagana
87	M199 Q	355887	1628257				1	1				ore	Mina Quitagana
88	M200 Q	355887	1628257					1				ore	Mina Quitagana
89	M202 Q	355897	1628205					1				ore	Mina Quitagana
90	M203 Q	355897	1628205				1	1				ore	Mina Quitagana
91	M204 Q	355897	1628205					1				ore	Mina Quitagana
92	M216 Q	369270	1628382				1	1				ore waste	Mina El Molo
93	M226 Q	372448	1637480					1				cc v 3cm-w	
94	T135 Q	354009	1632700			1	1	1				oxide ore	
95	T137 Q	364558	1631358					1				ls	Caliche
96	T138 Q	364558	1631358					1				arg v 20cm-w	Caliche
97	T139 Q	364558	1631358					1				ls	Caliche
98	T140 Q	364558	1631358					1				ls	Caliche
99	T141 Q	364558	1631358					1				arg v 15cm-w	Caliche
100	T142 Q	364558	1631358					1				ls	Caliche
101	T143 Q	364558	1631358					1				ls	Caliche
102	T144 Q	364558	1631358			1	1					stocked ore (powder)	Caliche
103	T145 Q	364558	1631358	1	1	1	1					stocked ore (block)	Caliche
104	F256 c	423231	1575906			1	1					qtzvl & sil v in gry lptf	
105	F263 c	418357	1587235			1	1	1				py dissemination net in wht clay	Mina El Coyolito
106	F265 c	418357	1587235				1	1				fng py nodule in fng ss arg	Mina El Coyolito
107	F269 c	418452	1587323				1	1				m-sil lgt-gry sh & py dissemination	Mina El Coyolito
108	F288 c	419656	1585109					1				drusy qtzv in red da	
109	K222 c	415664	1588736			1	1	1				s-sil (tf?)	Mina El Playon
110	K223 c	415664	1588736			1	1					blk arg v	Mina El Playon
111	K224 c	415664	1588736			1	1					s-sil (tf?)	Mina El Playon

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar dating

B-4 採取鉱石試料一覧表 Relacion de Muestras (Minerales)

No.	試料番号 Sample No.	UTM		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
112	K225 c	415664	1588736			1	1	1			m-sil (tf?)	Mina El Playon
113	M256 c	419637	1581825			1		1			sil tf	Mina Marin
114	M257 c	419637	1581825			1		1			sil tf	Mina Marin
115	M258 c	419637	1581825			1		1			sil tf	Mina Marin
116	M273 c	421358	1579891			1		1			m to w-sil wht tf	Mina Chanton
117	M274 c	421358	1579891			1		1			m to w-sil wht tf	Mina Chanton
118	M275 c	421358	1579891			1		1			m to w-sil wht tf	Mina Chanton
119	M276 c	421358	1579891			1		1			m to w-sil wht tf	Mina Chanton
120	M277 c	421358	1579891			1		1			m to w-sil wht tf	Mina Chanton
121	M278 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
122	M279 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
123	M280 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
124	M281 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
125	M282 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
126	M283 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
127	M284 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
128	M285 c	421438	1579860			1		1			m to w-sil wht tf	Mina Chanton
129	M288 c	421647	1579699					1			qtz v waste	Mina Chanton
130	M338 c	421947	1586567			1		1	1		s-sil rock&qtz v	Tepanguare(Mina Rubi)
131	M339 c	421947	1586567					1	1		s-sil rock&qtz v	Tepanguare(Mina Rubi)
132	M343 c	421947	1586567					1	1		qtz v waste	Tepanguare(Mina Rubi)
133	M348 c	421885	1584711					1	1		qtz v waste	Tepanguare
134	T168 c	414609	1589123			1		1			wht clay arg	near El Playon
135	T169 c	414609	1589123					1	1		py ore 1m	near El Playon
136	T170 c	414609	1589123			1	1	1			py ore 1m	near El Playon
137	F325 a	439410	1527303	1	1	1	1	1	1		s-sil rock float	
138	F011 g	459472	1520918					1			drk-gry da(and?)	
139	F024 g	460323	1521865					1			qtz vein	
140	K010 g	462081	1524801			1	1	1			qtz Mn v	Rio La Sonta
141	K011 g	462081	1524801			1		1			vbr	Rio La Sonta
142	K012 g	462081	1524801			1		1			qtz Mn v	Rio La Sonta
143	K014 g	462081	1524801					1			qtz Mn v	Rio La Sonta
144	K015 g	462081	1524801			1		1			vbr	Rio La Sonta
145	K016 g	462081	1524801			1	1	1	1		qtz Mn v	Rio La Sonta
146	K018 g	462081	1524801					1			vbr	Rio La Sonta
147	K019 g	462081	1524801					1			vbr	Rio La Sonta
148	K020 g	462081	1524801					1			vbr	Rio La Sonta

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar dating

B-5 採取鉱石試料一覧表 Relacion de Muestras (Minerales)

No.	試料番号 Sample No.	UTM		Laboratory work							岩相Rock Facies	備考Remarks
		X(m)	Y(m)	G	T	X	P	O	F	K		
149	K021 g	462081	1524801					1			vbr	Rio La Sonta
150	K022 g	462081	1524801					1			vbr	Rio La Sonta
151	M009 g	462255	1524943					1			qtz v 1 to 2cm-w	Rio La Sonta
152	M036 g	462159	1522895					1			qtz v	
153	T014 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
154	T015 g	462269	1524965			1	1	1			silic tbr py	Rio La Sonta
155	T016 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
156	T017 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
157	T018 g	462269	1524965		1	1	1	1			silic tbr py	Rio La Sonta
158	T019 g	462269	1524965			1	1	1			silic tbr py	Rio La Sonta
159	T020 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
160	T021 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
161	T022 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
162	T023 g	462269	1524965			1		1			silic tbr py	Rio La Sonta
163	T024 g	462269	1524965		1	1		1			silic tbr py	Rio La Sonta
164	T025 g	462269	1524965			1	1	1			qtz v 10cm-w py	Rio La Sonta
165	T029 g	459172	1526832					1			qtz v 1cm-w	
166	F036 h	516646	1577840					1			float qtz v& druse in brn da	
167	F037 h	516646	1577840					1			float brn da	
168	F042 h	517195	1578172			1	1	1			gossann zn&pb mineralization	Higuro Morado
169	F045 h	519271	1575547					1			lgt-brn to pale gry sh, shared	
170	F053 h	518941	1575028					1			qtz v	
171	F060 h	519699	1574984					1			qtz v in gry schist	
172	F069 h	519317	1573410					1			qz vein in drk-gry sh	
173	K041 h	518558	1578786			1	1	1			blk ms	
174	K050 h	515918	1573099			1	1	1			da por	Mina Las Jaguas
175	K051 h	515918	1573099			1	1	1			grn Cu v	Mina Las Jaguas
176	K052 h	515918	1573099			1	1	1			da por	Mina Las Jaguas
177	K054 h	515918	1573099			1		1			qtz limo v	Mina Las Jaguas
178	K055 h	515918	1573099			1		1			qtz limo v	Mina Las Jaguas
179	K056 h	515918	1573099			1		1			da por	Mina Las Jaguas
180	K057 h	515918	1573099			1		1			da por	Mina Las Jaguas
181	K059 h	515279	1573229			1		1			bsl	Mina Las Jaguas
182	K060 h	515279	1573229			1		1			arg v	Mina Las Jaguas
183	K061 h	515279	1573229			1		1			bsl	Mina Las Jaguas
184	K062 h	515279	1573229			1		1			bsl	Mina Las Jaguas
185	K063 h	515279	1573229					1			arg v	Mina Las Jaguas

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar dating

B-6 採取鉱石試料一覽表 Relacion de Muestras (Minerales)

No.	試料番号 Sample No.	UTM		Laboratory work							岩相Rock Facies	備考Remarks	
		X(m)	Y(m)	G	T	X	P	O	F	K			
186	K065 h	514710	1575331			1		1				ls	Mina El Bosque
187	K066 h	514710	1575331			1	1	1				limo hem v	Mina El Bosque
188	K067 h	514710	1575331			1		1				ls	Mina El Bosque
189	K068 h	514710	1575331					1				ls	Mina El Bosque
190	K069 h	514710	1575331					1				limo hem v	Mina El Bosque
191	K070 h	514710	1575331					1				ls	Mina El Bosque
192	M047 h	518185	1574525					1				sil rock with gossan	
193	M049 h	517934	1574374					1				wht qtz net in gry ss	
194	M051 h	517973	1574242					1				wht qtz net in blk ms	
195	M053 h	518061	1573591					1				wht qtz net	
196	M057 h	518463	1572755					1				wht qtz net	
197	M061 h	518116	1574050					1				wht qtz net	
198	M063 h	518116	1574050			1	1					py v	
199	T048 h	517287	1578145			1	1	1				ore 10cm thick	Higuro Morado
200	T056 h	517972	1578103					1				blk sh py 2cm thick	near Higuero Morado
201	T077 h	517987	1572344			1		1				silic v	
202	T079 h	518117	1572381					1				qtz v 10cm-w sheard	
203	T080 h	518547	1572011			1	1	1	1			qtz v 7cm-w sheard	
204	M178 S	290597	1633030		1	1		1				lg chl ore	Mina San Andres
205	M179 S	290597	1633030		1	1		1				barite ore	Mina San Andres
206	T0HM h	517191	1578166				1					ore	Higuro Morado

G:Geochemical assay, T:Thin section, X:X-ray diffraction, P:Polished section, O:Ore assay, F:Fluid inclusion, K:K-Ar dating

C. 採取沢砂試料一覽表

C-1 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location			River								Sampling		Sample													
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current				side		Color			Contami			Sand amount			Organic amount		
		E	N					O	T	C	D	F	M	S	R	C	L	Y	R	B	Y	N	Muddy	Med	Sandy	L	M	H
1	F004 P	584137	1577755	540	2	10	3		o				o			o		o		o				o				
2	F005 P	584662	1579089	605	1.5	15	3		o				o			o		o		o						o		
3	K007 P	589210	1576953	360	1	15	3		o				o	o				o		o				o				
4	K008 P	589332	1577475	380	0.5	5	1		o				o	o				o		o				o				
5	K009 P	589352	1578013	390	0.7	5	1		o				o	o				o		o				o				
6	K010 P	588684	1578960	420	0.3	5	1		o				o	o				o		o				o				
7	K011 P	588703	1579117	420	0.3	5	1		o				o	o				o		o				o				
8	K012 P	588031	1579778	500	0.2	5	1		o				o	o				o		o				o				
9	K013 P	587285	1579562	520	0.3	5	1		o				o	o				o		o				o				
10	K014 P	586443	1580440	540	0.8	5	3		o				o					o		o				o				
11	K015 P	585567	1580509	590	0.4	10	1		o				o					o		o				o				
12	K016 P	584082	1567761	410	0.3	5	3		o				o	o				o		o				o				
13	K017 P	584172	1566654	380			3		dry				o					o		o				o				
14	K018 P	583975	1567163	400	1.5	10	1		o				o	o				o		o				o				
15	K019 P	585619	1572849	410	2.5	15	3		o				o					o		o				o				
16	K020 P	586193	1572508	400	0.2	3	1		o				o	o				o		o				o				
17	K021 P	586746	1571915	375	2.5	15	3		o				o					o		o				o				
18	M011 P	580896	1573846	685	4.00	20	3		o				o					o		o				o				
19	T013 P	589765	1576554	359	2.0	20	3		o				o					o		o				o				
20	T014 P	589283	1575140	357	4.0	30	3		o				o					o		o				o				
21	T015 P	588573	1574511	370	4.0	20	3		o				o					o		o				o				
22	T016 P	588125	1573570	365	4.0	20	3		o				o					o		o				o				
23	T017 P	587543	1570533	351	4.0	20	3		o				o					o		o				o				
24	T018 P	587228	1570226	359	6.0	30	2		o				o					o		o				o				
25	T019 P	586510	1569376	366	3.0	20	2		o				o					o		o				o				
26	T020 P	589372	1571945	394	3.0	20	2		o				o					o		o				o				
27	T021 P	588657	1570430	388	1.0	10	1		o				o					o		o				o				
28	T022 P	587267	1569500	352	4.0	20	3		o				o					o		o				o				
29	T023 P	587001	1569375	345	20.0	40	3			o			o					o		o				o				
30	T024 P	586034	1568834	351	3.0	5	1		o				o					o		o				o				
31	T025 P	588000	1576132	378	2.0	10	3		o				o					o		o				o				
32	T026 P	588400	1576350	380	3.0	10	1		o				o					o		o				o				
33	F006 O	306433	1601483	1680	2	20	2		o				o					o		o				o				
34	F007 O	306355	1601562	1660	1.5	30	3		o				o					o		o				o				
35	F008 O	305819	1601446	1710	1	20	3		o				o					o		o				o				
36	F009 O	305758	1601467	1720	1	40	2		o				o					o		o				o				
37	F010 O	304239	1601293	1790	1.5	15	3		o				o					o		o				o				
38	F011 O	303908	1601267	1800	0.5	10	2		o				o					o		o				o				
39	F012 O	301478	1601510	1730	0.5	15	2		o				o					o		o				o				
40	F013 O	300340	1598775	1420	7	100	3		o				o					o		o				o				

C-1

C-2 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location					River											Sampling	Sample												
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current					side				Color			Contami			Sand amount			Organic amount		
		E	N					O	T	C	D	F	M	S	R	C	L	Y	R	B	Y	N	Muddy	Med	Sandy	L	M	H			
41	F014	O	300362	1598812	1410	3	60	3	o			o				o					o		o				o				
42	F015	O	301226	1599906	1570	3	40	3	o			o						o				o		o				o			
43	F016	O	306098	1599541	2070	0.7	5	1	o						o		o					o		o		o					
44	F017	O	306240	1596039	2050	7	20	3	o													o		o		o					
45	F018	O	306603	1594831	2120	1.5	10	2	o						o							o		o		o					
46	F019	O	307615	1595503	2160	1	15	1		o					o		o					o	o		o			o			
47	F020	O	308838	1600632	1400	0.5	5	1	o						o	o						o		o		o					
48	F021	O	308751	1600725	1380	6	100	3			o	o			o							o		o		o					
49	F022	O	308122	1600875	1460	3	15	3	o						o	o						o		o		o					
50	F023	O	307856	1603130	1600	2.5	15	1	o					o		o						o		o		o					
51	F024	O	307354	1603032	1590	5	40	3	o				o									o		o		o					
52	F025	O	307316	1602962	1600	1.5	20	3	o				o									o		o		o					
53	F026	O	307665	1602545	1520	4	30	3	o				o									o		o		o					
54	F027	O	304088	1605250	1500	2	10	3	o				o				o					o		o		o					
55	F028	O	301556	1612129	840	3	30	1		o		o					o					o		o		o					
56	F029	O	302175	1612004	850	6	10	3		o		o					o					o		o		o					
57	F030	O	303097	1611806	940	1.5	15	1			o		o				o					o		o		o					
58	F031	O	303840	1611698	920	10	50	3		o		o					o					o		o		o					
59	F032	O	304446	1611584	950	2	15	1		o			o				o					o		o		o					
60	F033	O	297838	1602689	1300	2	40	3		o			o				o					o		o		o					
61	F034	O	299740	1601234	1500	0.5	5	1		o				o			o					o		o		o			o		
62	K022	O	298947	1597878	1290	0.7	15	1		o		o					o					o		o		o					
63	K023	O	298934	1597930	1290	3	50	3		o		o					o					o		o		o					
64	K024	O	297129	1596543	1150	8	100	3		o				o	o							o		o		o					
65	K025	O	297007	1596455	1140	2	20	2		o		o					o					o		o		o					
66	K026	O	296978	1595016	1120	2.5	10	1		o		o					o					o		o		o					
67	K027	O	297476	1595543	1170	1.8	10	1		o			o				o					o		o		o					
68	K028	O	296037	1594435	1060	3.5	20	2		o			o				o					o		o		o					
69	K029	O	295141	1593788	1020	8	50	3		o		o					o					o		o		o					
70	K030	O	290574	1594030	925	10	100	3		o			o				o					o		o		o					
71	K031	O	291342	1593091	940	1	10	1		o			o				o					o		o		o					
72	K032	O	291135	1593010	940	4	20	3		o			o				o					o		o		o					
73	K033	O	298445	1590791	1240	1.5	10	1		o			o				o					o		o		o					
74	K034	O	298087	1591174	1230	1.5	10	1		o			o				o					o		o		o					
75	K035	O	297566	1591941	1170	2	10	2		o			o				o					o		o		o					
76	K036	O	295843	1591963	1005	2	10	2		o			o				o					o		o		o					
77	K037	O	295154	1591598	1005	2	20	1		o			o				o					o		o		o					
78	K038	O	295115	1591545	1005	4	50	3		o			o				o					o		o		o					
79	K039	O	295997	1613622	840	2	30	2		o			o				o					o		o		o					
80	K040	O	297772	1610651	890	5	30	2		o			o				o					o		o		o					

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C-3 採取川砂試料一覧表Relacion de Muestras (Alveos)

No.	Sample	Sampling location		Alutitude (m)	Width (m)	Depth (cm)	River								Sampling side			Sample											
		UTM(m)					Class	Color			Current			R	C	L	Color			Contami			Sand amount			Organic amount			
		E	N					O	T	C	D	F	M				S	Y	R	B	Y	N	Muddy	Med	Sandy	L	M	H	
81	K041	○	297804	1610577	890	6	40	3								○													
82	K042	○	301868	1606272	1400	1.5	20	2		○						○									○				
83	K043	○	300465	1607155	1220	1.5	10	1		○						○								○					
84	K044	○	299184	1609877	900	1.5	15	1			○					○								○					
85	K045	○	299062	1609891	900	12	80	3			○					○								○					
86	K046	○	298760	1607828	935	1	10	1		○						○								○					
87	K047	○	298785	1607822	935	1.5	10	3		○						○								○					
88	M012	○	305977	1600719	1875	1.00	30	3							○									○					
89	M013	○	306501	1601794	1699	2.00	20	1		○						○								○					
90	M014	○	306683	1602488	1774	2.00	30	3		○						○								○					
91	M015	○	305915	1602753	1845	1.50	20	1		○						○								○					
92	M016	○	305856	1603995	1918	0.50	30	3		○					○									○					
93	M017	○	303673	1607696	1324	1.50	30	3		○						○								○					
94	M018	○	304017	1608230	1311	1.50	30	3		○						○								○					
95	M019	○	303446	1608807	1239	2.00	40	3							○									○					
96	M020	○	303477	1608893	1259	3	30	1		○						○								○					
97	M021	○	303519	1609906	1177	1.5	30	2		○						○								○					
98	M023	○	302811	1610218	1140	1.5	10	1			○					○								○					
99	M024	○	301504	1610329	1128	2.5	40	2		○						○								○					
100	M025	○	302254	1612256	883	10	50	3			○					○								○					
101	M026	○	302264	1612101	883	50	100	3		○						○								○					
102	M027	○	304799	1613749	1123	3	30	3		○						○								○					
103	M028	○	305863	1614348	1163	2	30	3		○						○								○					
104	M029	○	307774	1614673	1298	4	30	3		○						○								○					
105	M030	○	308113	1615085	1230	1.5	10	2		○						○								○					
106	M031	○	302831	1614154	1087	1.5	10	2		○						○								○					
107	M032	○	302313	1612904	999	1	10	3		○						○								○					
108	M033	○	302677	1612782	981	2	10	3		○						○								○					
109	M034	○	302670	1612782	981	1.5	10	3		○						○								○					
110	T027	○	295822	1602184	970	5.0	20	2			○					○								○					
111	T028	○	293676	1614705	827	1.0	5	1		○						○								○					
112	T029	○	292894	1614490	801	1.0	5	1		○						○								○					
113	T030	○	292317	1612932	808	4.0	30	1		○						○								○					
114	T031	○	291770	1610994	845	3.0	20	1		○						○								○					
115	T032	○	290358	1608995	877	5.0	40	1		○						○		○						○					
116	T033	○	289953	1606061	859	10.0	50	3		○						○								○					
117	T034	○	290695	1604239	861	20.0	50	3		○						○								○					
118	T035	○	288800	1601150	885	3.0	20	2		○						○								○					
119	T036	○	289000	1599850	890	3.0	10	1		○						○								○					
120	T037	○	289370	1597241	910	4.0	20	3		○						○								○					

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C-4 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location			River								Sampling			Sample											
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current				side			Color		Contami		Sand amount			Organic amount		
		E	N					O	T	C	D	F	M	S	R	C	L	Y	R	B	Y	N	Muddy	Med	Sandy	L	M
121	T038	O	289400	1596050	900	5.0	10	3			o	o				o				o					o		
122	T039	O	295967	1599983	1211	2.0	5	1			o		o			o				o						o	
123	T040	O	296413	1600832	1040	2.0	15	2			o					o	o			o						o	
124	T041	O	296435	1600876	1021	3.0	30	3	o			o				o	o			o						o	
125	T042	O	295183	1602251	944	15.0	10	3	o			o				o	o			o						o	
126	T043	O	294016	1602579	942	2.0	10	1			o		o			o	o			o						o	
127	T044	O	292071	1602652	870	3.0	10	1			o		o			o	o			o						o	
128	T045	O	291848	1602470	868	15.0	10	3	o			o				o	o			o						o	
129	T046	O	294220	1604805	1174	3.0	30	1			o	o				o	o			o						o	
130	T047	O	291983	1604030	842	2.0	20	1			o	o				o	o			o						o	
131	T048	O	291981	1598252	913	8.0	20	3			o	o				o	o			o						o	
132	T049	O	290930	1600768	878	5.0	10	3			o	o				o	o			o						o	
133	T050	O	291259	1597823	938	5.0	10	2			o	o				o	o			o						o	
134	T051	O	290283	1597817	908	3.0	20	3	o		o					o	o			o						o	
135	T052	O	291877	1609685	790	2.0	20	3	o			o				o	o			o						o	
136	T053	O	292459	1610248	832	0.5	10	1			o		o			o	o			o						o	
137	F035	Q	355897	1628205	1150	0.5	5	1			o		o	o			o	o			o					o	
138	F036	Q	363852	1623231	620	2	20	3	o			o				o	o			o						o	
139	F037	Q	363030	1623674	680	6	40	3	o			o				o	o			o						o	
140	F038	Q	361048	1625693	1130	0.2	5	1			o		o			o	o			o						o	
141	F040	Q	366393	1622134	660	1.5	20	1	o			o				o	o			o						o	
142	F041	Q	366625	1621927	710	0.5	5	1	o			o				o	o			o						o	
143	F042	Q	366836	1621766	700	1	15	1	o			o				o	o			o						o	
144	F043	Q	367071	1621882	690	3.5	30	1	o			o				o	o			o						o	
145	F045	Q	370931	1622505	670	0.5	5	1	o			o				o	o			o						o	
146	F046	Q	370452	1624791	710	0.5	5	1			o		o	o			o	o			o					o	
147	F047	Q	370291	1627450	620	0.3	3	1			o		o	o			o	o			o					o	
148	F048	Q	369049	1628291	400	2	20	1			o		o			o	o			o						o	
149	F049	Q	368981	1628334	390	12	50	3			o	o				o	o			o						o	
150	F050	Q	373456	1632830	230	30	300	3	o			o				o	o			o						o	
151	F051	Q	373503	1632471	280	1	10	2			o		o	o			o	o			o					o	
152	F052	Q	372072	1631329	480	0.5	3	1			o		o	o			o	o			o					o	
153	F053	Q	369932	1629528	490	0.5	5	1			o		o	o	o			o	o			o				o	
154	F054	Q	369644	1629402	480	0.5	5	1			o		o	o			o	o			o					o	
155	F055	Q	368674	1629222	490	0.5	5	1	o			o				o	o			o						o	
156	F056	Q	368489	1629522	420	0.5	10	1			o		o	o			o	o			o					o	
157	F057	Q	372873	1629641	290	15	100	3	o			o				o	o			o						o	
158	F058	Q	373068	1629162	300	0.5	5	1			o		o	o			o	o			o					o	
159	F059	Q	373180	1628878	290	1.5	5	2	o			o				o	o			o						o	
160	F060	Q	369520	1626064	640	0.3	5	1			o		o	o			o	o			o					o	

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C-6 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location			River							Sampling side			Sample										
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current				Y	R	B	Contami		Sand amount			Organic amount		
		E	N					O	T	C	D	F	M	S				R	C	L	Y	N	Muddy	Med	Sandy
201	M041	Q	364916	1622949	635	12	30	3		o				o	o				o	o			o		
202	M043	Q	363427	1624613	902	1	5	2		o				o	o				o	o	o			o	
203	M044	Q	363670	1623750	650	5	50	2		o			o			o			o	o	o			o	
204	M045	Q	363650	1623700	650	10	100	3			o					o			o	o	o			o	
205	M046	Q	368800	1640000	319	15	40	3		o				o	o				o	o	o			o	
206	M047	Q	368594	1638280	374	2.5	10	1		o				o		o			o	o	o			o	
207	M048	Q	367607	1638552	366	10	10	2		o				o	o				o	o	o			o	
208	M049	Q	372093	1637323	431	2	5	1		o				o		o			o	o	o			o	
209	M050	Q	372517	1637521	410	10	15	3		o			o						o	o	o			o	
210	M051	Q	372901	1638243	446	20	30	3		o			o						o	o	o			o	
211	M052	Q	372877	1638272	457	10	20	3		o			o						o	o	o			o	
212	M053	Q	373226	1636095	464	3	20	3		o			o						o	o	o			o	
213	M054	Q	374082	1636386	584	4	30	3			o		o						o	o	o			o	
214	M055	Q	368137	1629673	445	5	40	3			o			o					o	o	o			o	
215	M056	Q	367992	1629803	483	3	20	1		o				o	o				o	o	o			o	
216	M057	Q	367123	1630843	396	3	30	1		o				o		o			o	o	o			o	
217	M058	Q	366685	1630730	397	15	40	3			o		o			o			o	o	o			o	
218	M059	Q	366710	1630710	397	20	40	3			o		o						o	o	o			o	
219	M060	Q	366526	1632121	405	1.5	10	2			o		o						o	o	o			o	
220	M061	Q	365330	1633267	435	1	10	2			o		o						o	o	o			o	
221	M062	Q	365340	1633230	440	1.5	10	2			o		o						o	o	o			o	
222	M063	Q	373986	1633551	337	1.5	5	2		o				o	o				o	o	o			o	
223	M064	Q	365236	1637801	231	4	10	2		o				o	o				o	o	o			o	
224	M065	Q	365963	1637445	256	6	15	3			o			o	o				o	o	o			o	
225	M066	Q	365936	1637322	214	50	100	3			o			o	o				o	o	o			o	
226	T054	Q	357850	1626000	1219	1.0	10	1		o			o						o	o	o			o	
227	T055	Q	356985	1625540	1094	5.0	10	1		o			o						o	o	o			o	
228	T056	Q	356589	1625177	1078	1.0	5	1		o			o						o	o	o			o	
229	T057	Q	356167	1624994	1057	3.0	20	2		o			o						o	o	o			o	
230	T058	Q	354903	1624325	997	1.0	10	1		o			o						o	o	o	o			o
231	T059	Q	354689	1624247	997	2.0	20	2		o			o						o	o	o			o	
232	T060	Q	353793	1625954	744	5.0	20	2		o			o						o	o	o			o	
233	T061	Q	353429	1626627	751	5.0	10	3		o			o						o	o	o			o	
234	T062	Q	353580	1627643	701	2.0	20	1		o			o						o	o	o			o	
235	T063	Q	353009	1620023	731	0.5	5	1		o			o						o	o	o			o	
236	T064	Q	354091	1632769	585	6.0	10	3	o				o						o	o	o			o	
237	T065	Q	354186	1633137	587	10.0	20	3	o				o						o	o	o			o	
238	T066	Q	354421	1633214	587	3.0	10	1		o			o						o	o	o			o	
239	T067	Q	353635	1632756	640	4.0		1		dry			dry						o	o	o			o	
240	T068	Q	364058	1631966	654	1.0	5	1		o			o						o	o	o	o			o

C-8 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location			River				Sampling side			Sample														
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current				Color		Contami		Sand amount			Organic amount				
		E	N					O	T	C	D	F	M	S	R	C	L	Y	R	B	Y	N	Muddy	Med	Sandy	L
281	F108	c	423690	1583494	770	1	15	3			o				o	o	o	o			o			o		
282	F109	c	421940	1586790	1160	2	50	3			o					o	o			o				o		
283	F112	c	413877	1576215	1290	0.5	10	3			o					o	o			o				o		
284	K079	c	412686	1599542	1150	3	20	3			o					o		o					o	o		
285	K080	c	412465	1598061	1480	1	15	1			o				o		o		o				o	o		
286	K081	c	413536	1597511	1230	1	15	2			o				o		o		o				o	o		
287	K082	c	415323	1596293	1070	2	50	3			o				o		o		o				o	o		
288	K083	c	415441	1596189	1070	1	5	1			o				o		o		o				o	o		
289	K084	c	416166	1594893	1070	3.5	20	3			o				o		o		o				o	o		
290	K085	c	410726	1594302	1700	2	20	3			o				o		o		o				o	o		
291	K086	c	411165	1594097	1650	2	15	1			o				o		o		o				o	o		
292	K087	c	412468	1593971	1590	0.7	15	3			o				o		o		o				o	o		
293	K088	c	422992	1589950	675	1.5	10	3			o				o		o		o				o	o		
294	K089	c	422509	1589766	690	3	30	3			o				o		o		o				o	o		
295	K093	c	420089	1592176	950	0.4	5	1			o				o		o		o				o	o		
296	K094	c	423903	1590084	650	7	40	3			o				o		o		o				o	o		
297	K095	c	411190	1571742	1650	2	10	3			o				o		o		o				o	o		
298	M067	c	414999	1580425	1437	5	20	3			o				o		o		o				o	o		
299	M069	c	415547	1581592	1558	2	10	2			o				o		o		o				o	o		
300	M070	c	415654	1581492	1556	4	20	3			o				o		o		o				o	o		
301	M071	c	416391	1581340	1615	4	30	3			o				o		o		o				o	o		
302	M072	c	417254	1580366	1621	5	40	2			o				o		o		o				o	o		
303	M073	c	417912	1579687	1548	20	2	1			o				o		o		o				o	o		
304	M074	c	417873	1579694	1538	3	40	3			o				o		o		o				o	o		
305	M075	c	417635	1581546	1705	3	20	2			o				o		o		o				o	o		
306	M076	c	419020	1581453	1698	2	10	1			o				o		o		o				o	o		
307	M077	c	424990	1580962	768	2	5	3			o				o		o		o				o	o		
308	M078	c	425209	1581221	748	1	5	2			o				o		o		o				o	o		
309	M079	c	407151	1585124	1125	2	10	3			o				o		o		o				o	o		
310	M081	c	408419	1587065	1425	1	15	2			o				o		o		o				o	o		
311	M082	c	408500	1587100	1425	1	15	1			o				o		o		o				o	o		
312	M083	c	408820	1587000	1425	2	30	3			o				o		o		o				o	o		
313	M084	c	406569	1585935	1299	5	10	3			o				o		o		o				o	o		
314	M085	c	406057	1586730	1222	8	30	3			o				o		o		o				o	o		
315	M086	c	412744	1582311	1577	2	10	1			o				o		o		o				o	o		
316	M087	c	412994	1581584	1542	4	30	3			o				o		o		o				o	o		
317	M088	c	419017	1581116	1652	2	20	1			o				o		o		o				o	o		
318	M089	c	423611	1582231	915	8	30	3			o				o		o		o				o	o		
319	M090	c	425849	1582306	756	10	30	3			o				o		o		o				o	o		
320	M091	c	425431	1582729	714	1	10	1			o				o		o		o				o	o		

C-9 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location				River								Sampling			Sample												
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current				side			Color			Contami			Sand amount			Organic amount		
		E	N					O	T	C	D	F	M	S	R	C	L	Y	R	B	Y	N	Muddy	Med	Sandy	L	M	H	
321	T073	c	410879	1598324	1680	0.5	5	1		o				o			o			o						o			
322	T074	c	414538	1592926	1400	1.0	10	1		o				o			o			o		o					o		
323	T075	c	414599	1592894	1382	5.0	10	2		o				o			o			o		o					o		
324	T076	c	416251	1594000	1250	0.5	5	1		o				o			o			o		o					o		
325	T077	c	418103	1594240	1297	10.0		1		dry				dry			o			o		o					o		
326	T078	c	419745	1594020	1123	1.0	5	1		o				o			o			o		o					o		
327	T079	c	420300	1594400	1000	2.0	5	1		o				o			o			o		o					o		
328	T080	c	422145	1594178	1061	2.0	10	3		o				o			o			o		o					o		
329	T081	c	414023	1595407	1541	2.0	5	1		o				o			o			o		o					o		
330	T082	c	414913	1595388	1371	2.0		1		dry				dry			o			o		o					o		
331	T083	c	419237	1592782	1016	2.0	5	1		o				o			o			o		o					o		
332	T084	c	422206	1597703	645	40.0	10	3			o			o			o			o		o			o			o	
333	T085	c	424178	1592586	649	2.0		3		dry				dry			o			o		o					o		
334	T086	c	415358	1589438	1777	3.0	15	1		o				o			o			o		o					o		
335	T087	c	417033	1588905	1463	3.0	15	1			o			o			o			o		o					o		
336	F099	a	425659	1540757	340	4	30	3			o			o			o			o		o			o			o	
337	F101	a	426120	1539429	350	1	15	3		o				o			o			o		o					o		
338	F102	a	426151	1538873	340	0.5	5	3			o			o			o			o		o					o		
339	F103	a	424977	1537914	315	2.5	30	2			o			o			o			o		o					o		
340	F104	a	424591	1537742	295	5	40	3			o			o			o			o		o					o		
341	F110	a	430970	1540272	605	3	30	3		o				o			o			o		o					o		
342	F111	a	430292	1540378	560	1	5	3		o				o			o			o		o					o		
343	K090	a	428281	1541092	350	2	20	3		o				o			o			o		o					o		
344	K091	a	429125	1539870	400	2	15	1		o				o			o			o		o					o		
345	K092	a	430221	1538733	430	8	25	3			o			o			o			o		o					o		
346	M092	a	428435	1535561	314	3	20	2		o				o			o			o		o					o		
347	M093	a	426319	1535567	237	9	20	2			o			o			o			o		o					o		
348	M094	a	426503	1535725	240	0.6	5	1		o				o			o			o		o					o		
349	M095	a	426572	1535727	247	10	150	4	o					o			o			o		o					o		
350	M097	a	430983	1536852	701	5	10	3		o				o			o			o		o					o		
351	M099	a	440534	1526094	390	2	10	1			o			o			o			o		o					o		
352	M100	a	440460	1526094	432	5	10	3		o				o			o			o		o					o		
353	T088	a	428412	1533487	372	5.0	10	2			o			o			o			o		o					o		
354	T089	a	429024	1535308	383	5.0	30	3			o			o			o			o		o					o		
355	T090	a	429160	1536210	412	10.0	20	1		o				o			o			o		o					o		
356	F113	M	393041	1568268	1300	1.2	15	3			o			o			o			o		o					o		
357	F114	M	393052	1568388	1310	3	30	3			o			o			o			o		o					o		
358	F115	M	394696	1571030	1340	3	50	3			o			o			o			o		o					o		
359	F116	M	395129	1571088	1310	5	70	2		o				o			o			o		o					o		
360	F117	M	384343	1565359	1320	1.5	20	3			o			o			o			o		o					o		

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C-10 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location			River						Sampling			Sample														
		UTM(m)		Alutitude (m)	Width (m)	Depth (cm)	Class	Color			Current			side			Color			Contami			Sand amount			Organic amount		
		E	N					O	T	C	D	F	M	S	R	C	L	Y	R	B	Y	N	Muddy	Med	Sandy	L	M	H
361	M101	M	392639	1567918	1216	6	20	3		o				o					o		o			o				
362	M102	M	390925	1565462	1269	8	10	3		o				o					o		o			o				
363	M103	M	390482	1567393	1241	5	30	3		o									o		o			o				
364	M104	M	388881	1570604	1177	12	30	3		o				o	o				o		o			o				
365	M105	M	383875	1570579	1224	20	40	3		o				o					o		o			o				
366	T091	M	381893	1569527	1805	5.0	30	1		o		o		o					o	o		o			o			
367	T092	M	384726	1562474	1428	4.0	10	3		o		o				o			o	o		o			o			
368	T093	M	385282	1562426	1394	6.0	10	3		o		o		o					o	o		o			o			
369	T094	M	388590	1563302	1302	6.0	10	3		o		o		o					o	o		o			o			
370	T095	M	390687	1560604	1494	3.0	20	1		o		o			o				o	o		o			o			
371	T096	M	392612	1560647	1549	5.0	10	3		o		o			o				o	o		o			o			
372	T097	M	391656	1563734	1271	2.0	20	1		o		o			o				o	o		o			o			
373	F002	g	462530	1526917	620	0.1	0.2	2		o				o					o	o		o			o			
374	K001	g	458849	1524631	208	6	30	3		o		o			o				o	o		o			o			
375	M001	g	462325	1524981	249			1		dry		dry			o				o	o		o			o			
376	M002	g	462312	1525036	260	5	50	3		o				o					o	o		o			o			
377	M003	g	461966	1524840	253	10	30	3		o				o					o	o		o			o			
378	T001	g	464782	1527087	589	1.0		1		dry		dry			o				o	o		o			o			
379	T002	g	462030	1524826	260	20.0	50	3		o				o					o	o		o			o			
380	T003	g	458784	1526446	630	1.0		1		dry		dry			o				o	o		o			o			
381	T004	g	459196	1524326	202	30.0	30	3		o		o		o					o	o		o			o			
382	F003	h	519671	1573947	1000	0.5	5	3		o				o					o	o		o			o			
383	K002	h	518750	1578707	1180	0.5	15	1		o		o		o					o	o		o			o			
384	K003	h	518559	1578787	1180	2	20	3		o		o			o				o	o		o			o			
385	K004	h	514051	1572615	1000			1		dry		dry			o				o	o		o			o			
386	K005	h	517076	1572154	810			1		dry		dry			o				o	o		o			o			
387	K006	h	513714	1577445	1240	1.5	3	1		o				o					o	o		o			o			
388	M004	h	516792	1578066	1498	0.30	5	1		o				o					o	o		o			o			
389	M005	h	516806	1578031	1498	0.70	15	2		o				o					o	o		o			o			
390	M006	h	516568	1577771	1499	0.40	5	1		o				o					o	o		o			o			
391	M007	h	516564	1577794	1500	0.60	10	2		o				o					o	o		o			o			
392	M008	h	518068	1575100	1004	5.00	20	3		o				o					o	o		o			o			
393	M009	h	518186	1575131	1007	7.00	30	3		o				o					o	o		o			o			
394	M010	h	519123	1576658	1366	4.00	30	3		o				o					o	o		o			o			
395	T005	h	517287	1578147	1401	4.0	15	1		o		o		o					o	o		o			o			
396	T006	h	515711	1576011	1197	1.0	10	1		o				o					o	o		o			o			
397	T007	h	515271	1575035	1020	2.0	10	1		o				o					o	o		o			o			
398	T008	h	516054	1572491	861	2.0	20	1		o				o					o	o		o			o			
399	T009	h	516693	1572491	821	2.0		1		dry		dry			o				o	o		o			o			
400	T010	h	517147	1572470	797	3.0	20	2		o				o					o	o		o			o			

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C-11 採取川砂試料一覽表Relacion de Muestras (Alveos)

No.	Sample	Sampling location			River								Sampling side			Sample																			
		UTM(m)		Altitude (m)	Width (m)	Depth (cm)	Class	Color			Current					R	C	L	Color			Contami			Sand amount			Organic amount							
		E	N					O	T	C	D	F	M	S	Y				R	B	Y	N	Muddy	Med	Sandy	L	M	H							
401	T011	h	513205	1578092	1230	2.0	10	1	o								o	o				o											o		
402	T012	h	513215	1578072	1230	2.0	5	1	o								o	o				o											o		