





(3)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Fragmentos lineos	Matriz	Minerales de alteracion
39	SF031	San Francisco	374,701E 2,021,468N	Pizarra	Kp	Cuarzo (granito)		
40	SF039	San Francisco	374,192E 2,020,266N	Toba dacitica fina	Kt	Roca pelitica		
41	TR002	La Trinidad	375,092E 2,020,418N	Toba riolitica fina	K2	Arenisca fina		
42	TR028	La Trinidad	375,347E 2,019,798N	Arenisca fina	K2	Pumita		
43	TR034	La Trinidad	375,815E 2,020,198N	Toba riolitica	Kr1	Riolita		
44	TR048	La Trinidad	374,934E 2,020,227N	Arenisca fina	K2			
45	TR068	La Trinidad	373,968E 2,020,152N	Caliza pelitica	Kp			
46	TR072	La Trinidad	373,927E 2,020,326N	Toba riolitica	Ka			
47	TR085	La Trinidad	375,170E 2,020,677N	Toba riolitica	K2			
48	TR089	La Trinidad	375,172E 2,021,700N	Toba riolitica	Kt			
49	TR096	La Trinidad	375,303E 2,019,765N	Pizarra	Kp			
50	TR101	La Trinidad	375,118E 2,019,950N	Pizarra tobacea	K2			
51	CJ006	Los Cajones	375,101E 2,019,304N	Arenisca cuarzosa fina	Kp			
52	CJ026	Los Cajones	376,098E 2,020,011N	Toba riolitica fina	Kr1			
53	CJ043	Los Cajones	375,355E 2,019,235N	Pizarra	Kp			
54	LBL304	La Trinidad	375,046E 2,020,503N	Toba riolitica silicificada	Kr			
55	TRH107	Los Cajones	375,320E 2,019,730N	Arenisca cuarzosa fina	Kp			
56	TRH201	Los Cajones	375,320E 2,019,730N	Arenisca fina	K2			
57	TRH204	Los Cajones	375,320E 2,019,730N	Pizarra	K2			

⊗: Abundante    ○: Común    △: Menor

TAB. II-2-2 RESULTADOS DE ANALISIS QUIMICO DE ROCA TOTAL

(1)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca facies	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	Suma %
1	LA0310	Linea A	374,004E 2,020,242N	Toba andesítica	Kt	55.95	0.24	11.21	0.59	5.20	0.10	11.38	2.96	2.89	0.21	0.10	8.57	99.40
2	LC1000	Linea C	374,815E 2,020,485N	Riolita porfídica	Ir	69.21	0.48	13.39	0.94	3.18	0.06	1.66	4.05	3.06	2.03	0.11	2.05	100.22
3	LE1410	Linea E	375,473E 2,020,512N	Pizarra gráfica	Kp	63.08	0.63	14.41	3.37	3.53	0.04	2.92	0.18	2.25	3.46	0.23	5.48	99.58
4	SF008	San Francisco	373,773E 2,020,737N	Riolita	Ir	66.83	0.44	12.95	0.69	4.32	0.09	3.26	2.85	2.70	2.04	0.14	3.38	99.69
5	SF014	San Francisco	373,981E 2,020,440N	Pizarra	Kp	57.71	0.41	18.60	4.46	3.04	0.03	2.35	0.20	1.09	3.45	0.26	7.52	99.12
6	SF016	San Francisco	374,063E 2,020,703N	Riolita	Ir	69.15	0.38	12.38	0.82	3.39	0.06	3.03	0.67	3.65	2.83	0.11	2.54	99.01
7	SF031	San Francisco	374,701E 2,021,468N	Pizarra psammitica	Kp	74.39	0.41	10.86	2.54	0.96	0.02	1.34	0.41	1.05	2.87	0.26	5.62	100.73
8	SF039	San Francisco	374,192E 2,020,266N	Andesita	Kt	50.79	0.52	16.76	1.37	6.39	0.04	6.50	1.66	1.61	2.68	0.18	11.48	99.98
9	SF044	San Francisco	374,088E 2,020,182N	Pizarra	Kp	29.75	0.24	9.20	1.91	1.60	0.11	1.44	28.07	1.98	1.18	0.14	25.22	100.84
10	SF045	San Francisco	374,448E 2,020,784N	Riolita	Ir	66.98	0.33	13.93	0.99	3.77	0.03	4.27	0.22	2.85	2.38	0.13	3.26	99.14
11	SF047	San Francisco	374,664E 2,021,086N	Pizarra	Kp	73.67	0.36	10.43	1.66	1.53	0.01	1.41	0.25	0.70	3.07	0.18	6.15	99.42
12	SF049	San Francisco	374,709E 2,021,105N	Andesita	Ir	58.47	0.40	14.55	1.86	6.65	0.06	9.83	0.22	2.85	0.23	0.15	5.20	100.47
13	TR002	La Trinidad	375,092E 2,020,418N	Riolita afanítica	Kr2	80.15	0.11	12.67	0.53	0.13	0.01	0.75	0.04	0.36	2.80	0.03	3.05	100.63
14	TR016	La Trinidad	374,293E 2,020,660N	Riolita	Ir	67.60	0.32	12.96	0.80	3.90	0.06	3.75	0.52	3.26	3.06	0.11	2.73	99.07
15	TR017	La Trinidad	374,244E 2,020,630N	Riolita porfídica	Ir	68.54	0.30	12.90	0.91	3.25	0.04	2.35	3.02	2.30	3.03	0.10	2.38	99.12
16	TR034	La Trinidad	375,815E 2,020,198N	Riolita afanítica	Kr1	78.89	0.13	11.43	1.25	0.14	0.01	1.06	0.03	0.32	3.82	0.03	3.06	100.17
17	TR042	La Trinidad	375,115E 2,020,332N	Pizarra	Kp	66.21	0.48	14.54	3.38	2.53	0.03	2.26	0.11	2.43	3.12	0.16	4.95	100.20
18	TR048	La Trinidad	374,934E 2,020,227N	Riolita brechada	Kr2	70.85	0.09	9.40	7.87	2.80	0.07	2.74	0.11	0.25	1.18	0.06	4.83	100.25
19	TR062	La Trinidad	374,343E 2,020,002N	Pizarra	Kp	73.49	0.32	10.86	2.12	2.56	0.04	2.21	0.20	1.53	2.30	0.09	4.07	99.79
20	TR068	La Trinidad	373,968E 2,020,152N	Pizarra calcarea	Kp	15.46	0.02	2.33	0.27	0.54	0.08	0.66	43.03	0.23	0.18	0.05	36.59	99.44
21	TR072	La Trinidad	373,927E 2,020,326N	Andesita	Ka	59.70	0.29	12.51	1.36	4.89	0.08	7.22	3.00	1.95	2.12	0.12	6.62	99.86
22	TR096	La Trinidad	375,303E 2,019,765N	Arenisca fina	Kp	66.03	0.14	10.64	3.73	5.95	0.16	6.53	0.04	0.28	0.94	0.04	4.90	99.38

(2)

No.	No. de muestra	Localidad	Coordenadas de UTM		Nombre de roca	Roca facies	SiO <sub>2</sub> %	TiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	FeO %	MnO %	MgO %	CaO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	P <sub>2</sub> O <sub>5</sub> %	LOI %	Suma %
23	TR103	La Trinidad	374,962E	2,020,101N	Riolita afanítica	Kr2	71.12	0.07	8.41	7.23	4.16	0.06	4.55	0.02	0.12	0.21	0.03	4.45	100.43
24	CJ026	Los Cajones	376,098E	2,020,011N	Riolita afanítica	Kr1	90.26	0.07	5.31	1.08	0.10	0.01	0.39	0.02	0.12	1.94	0.02	1.22	100.54
25	CJ040	Los Cajones	375,534E	2,019,302N	Pizarra calcárea	Kp	23.12	0.17	5.39	1.66	0.77	0.15	0.56	35.36	0.95	0.84	0.15	30.76	99.88
26	LBL118	La Libelula	375,030E	2,020,460N	Pizarra	Kp	95.08	0.01	0.03	1.10	0.46	0.01	0.05	0.06	0.03	0.07	0.29	1.87	99.06
27	HK-2	Nuevo Leon	374,340E	2,021,010N	Riolita	Kr2	65.15	0.36	14.46	0.33	3.64	0.02	3.18	1.65	2.62	3.81	0.26	3.59	99.07
28	HK-9	San Francisco	374,445E	2,020,785N	Toba riolítica	Kt	67.17	0.47	14.42	0.39	3.64	0.02	3.52	0.42	2.85	2.82	0.16	3.23	99.11
29	HK-11	Nuevo Leon	374,040E	2,022,650N	Riolita	Kr2	64.75	0.53	14.66	0.64	4.34	0.02	2.42	3.12	3.36	3.07	0.23	3.03	100.17
30	HK-23	Nuevo Leon	375,955E	2,021,640N	Andesita	Ka	52.84	0.65	14.97	0.50	5.80	0.05	5.62	6.45	3.56	0.96	0.14	8.24	99.78
31	HK-28	Las Pinas	373,455E	2,018,750N	Dacita	Kr3	61.96	0.48	14.79	0.09	4.53	0.05	4.92	2.24	2.58	3.71	0.10	3.50	98.95
32	HK-37	Nuevo Leon	374,950E	2,021,045N	Riolita	Kr2	67.17	0.37	13.82	0.85	2.87	0.05	2.04	3.00	3.77	1.86	0.07	3.50	99.33
33	HK-39	Las Parotas	373,625E	2,022,690N	Dacita / riolita	Ka	65.21	0.38	14.88	0.88	3.93	0.05	3.11	2.94	2.94	2.57	0.09	2.80	99.76
34	HK-40	Las Parotas	373,535E	2,022,600N	Dacita-andesita	Ka	64.33	0.42	15.12	0.41	4.60	0.03	2.98	3.63	2.20	2.49	0.13	2.83	99.17
35	HK-50	Las Pinas	374,886E	2,018,740N	Andesita	Ka	54.94	0.60	15.51	0.81	4.98	0.13	5.75	3.99	5.55	0.89	0.15	6.04	99.34
36	HK-52	Las Pinas	374,175E	2,018,160N	Andesita	Ka	47.14	0.71	14.69	0.70	6.77	0.16	7.65	4.85	2.37	2.50	0.09	12.20	99.83
37	HK-56	Los Cajones	375,625E	2,019,805N	Riolita brechada	Kr3	68.41	0.05	10.22	2.02	8.94	0.10	5.15	0.05	0.08	0.39	0.01	3.80	99.22

TAB. II-2-3 RESULTADOS DE ANALISIS POR RAYOS-X (AREA LA TRINIDAD)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Silice y silicatos										Carbonatos			Fosfato	Sulfuro	Sulfatos			Oxidos			
						Cuarzo	Albita	Felspato potasico	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita	Calcita	Dolomita	Magnesita	Apatita	Pirita	Sulfuro	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita	
1	LA0100	Linea A	373,876E	2,020,075N	Pizarra calcarea	Kp	4	0	0						20												
2	LA0250	Linea A	373,968E	2,020,194N	Dacita / andesita silicificada	Kt	19	4	6	1					1	1											
3	LA0310	Linea A	374,004E	2,020,242N	Dacita / andesita silicificada	Kt	17	6	11						1	3											
4	LA0443	Linea A	374,085E	2,020,347N	Dacita / andesita silicificada	Kt	24	4	9	1					1	3											
5	LA0700	Linea A	374,242E	2,020,551N	Riolita porfida	Ir	35	7	1	3	1				0	1											
6	LA0848	Linea A	374,332E	2,020,668N	Riolita	Ir	26	5	6	2					1												
7	LA1035	Linea A	374,447E	2,020,816N	Riolita	Ir	26	6	0	3	1																
8	LA1150	Linea A	374,517E	2,020,907N	Riolita porfida	Ir	24	8	1	3	1				0	1											
9	LA1400	Linea A	374,669E	2,021,106N	Pizarra grafitica	Kp	53	1	1	11																	
10	LA1500	Linea A	374,730E	2,021,185N	Pizarra	Kp	64	1		6					0												
11	LA1600	Linea A	374,791E	2,021,264N	Pizarra	Kp	51	1	1	7	1				0												
12	LA1910	Linea A	374,980E	2,021,510N	Pizarra grafitica	Kp	51	1	1	7	1																0
13	LA1968	Linea A	375,016E	2,021,556N	Pizarra	Kp	47	0		4	0																
14	LA2000	Linea A	375,035E	2,021,581N	Arenisca cuarzoza	Kp	75	0		3																	
15	LB0100	Linea B	374,082E	2,019,934N	Pizarra	Kp	31	0	4																		1
16	LB0205	Linea B	374,145E	2,020,018N	Arenisca cuarzoza	Kp	74	0	2	1																	
17	LB0225	Linea B	374,157E	2,020,034N	Riolita aifanica	Kt	47			5																	0
18	LB0270	Linea B	374,184E	2,020,070N	Arenisca fina	Kp	34	0	3	4																	0
19	LB0340	Linea B	374,226E	2,020,126N	Toba lapilli	Kt	55			4																	0
20	LB0425	Linea B	374,277E	2,020,194N	Pizarra	Kp	70	2	1	3																	
21	LB0460	Linea B	374,298E	2,020,222N	Toba riolitica	Kt	59	2	0	2																	
22	LB0555	Linea B	374,355E	2,020,298N	Pizarra	Kp	35	1	1	6					0												
23	LB0650	Linea B	374,413E	2,020,374N	Alt. de pizarra y arenisca	Kp	22	1		1					20												
24	LB0700	Linea B	374,443E	2,020,414N	Arenisca calcarea	Kp	40	0		1					20												
25	LB0820	Linea B	374,515E	2,020,509N	Riolita porfida	Ir	23	6	1	4	1																
26	LB0950	Linea B	374,593E	2,020,613N	Arenisca cuarzoza	Kp	89	3	0	0																	1
27	LB1090	Linea B	374,677E	2,020,725N	Riolita	Kt	19	2	0	6	4				0	5											
28	LB1150	Linea B	374,713E	2,020,773N	Riolita	Ir	26	10	3	0					0	2											
29	LB1250	Linea B	374,773E	2,020,853N	Riolita	Ir	25	8	3	1					0	2											0
30	LB1545	Linea B	374,950E	2,021,089N	Riolita	Ir	26	7	1	3	1																0

(2)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Siliceo y silicatos								Carbonatos	Fosfato	Sulfuro	Sulfatos	Oxidos								
						Cuarzo	Albita	Felspato potasico	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita	Calcita	Dolomita	Magnesita	Apatita	Pirita	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita	
31	LB1710	Linea B	375,049E 2,021,221N	Pizarra	Kp	44	1	0	2	4									1							
32	LB2000	Linea B	375,224E 2,021,453N	Pizarra	Kp	57	1	0	0	4																
33	LB2050	Linea B	375,254E 2,021,493N	Pizarra psaramitica	Kp	15	5	11	1																	
34	LB2100	Linea B	375,284E 2,021,533N	Alt. de pizarra y arenisca	Kp	9		17																		
35	LC0265	Linea C	374,375E 2,019,897N	Toba riolitica	Kt	57			4				0													0
36	LC0340	Linea C	374,420E 2,019,957N	Pizarra	Kp	30	3	0	1	3																
37	LC0375	Linea C	374,441E 2,019,983N	Arenisca cuarzosa	Kp	60		3																		
38	LC0500	Linea C	374,516E 2,020,085N	Pizarra	Kp	51			6	1																
39	LC0615	Linea C	374,584E 2,020,177N	Arenisca fina	Kp	48			0	4																0
40	LC0750	Linea C	374,665E 2,020,285N	Riolita	Kt	43			5																	0
41	LC1300	Linea C	374,995E 2,020,725N	Riolita porfida	Ir	21	16		3	0																0
42	LC1500	Linea C	375,114E 2,020,886N	Arenisca tobacea	Kt	10	16		15																	
43	LC1560	Linea C	375,150E 2,020,934N	Toba riolitica	Kt	89			1	1																
44	LC1610	Linea C	375,180E 2,020,974N	Pizarra	Kp	49		1	2	7																0
45	LC1700	Linea C	375,234E 2,021,046N	Toba riolitica	Kt	28			5	4																
46	LC1950	Linea C	375,384E 2,021,246N	Pizarra	Kp	53	1	1	1	5																
47	LC2100	Linea C	375,474E 2,021,366N	Pizarra	Kp	73		0		4																
48	LD0265	Linea D	374,580E 2,019,762N	Arenisca cuarzosa	Kp	74			1	2																
49	LD0430	Linea D	374,680E 2,019,894N	Pizarra	Kp	51			7	2																
50	LD0660	Linea D	374,818E 2,020,077N	Pizarra psaramitica	Kp	50			4																	
51	LD0765	Linea D	374,882E 2,020,161N	Riolita silicificada	Kr2	54			9											0						0
52	LD0975	Linea D	375,008E 2,020,329N	Riolita brechada	Kr2	58			7																	0
53	LD1200	Linea D	375,144E 2,020,508N	Riolita brechada	Kr2	53	1		1	4																
54	LD1400	Linea D	375,264E 2,020,668N	Alt. de pizarra y toba fina	Kp	35	2	0	3	3																
55	LD1608	Linea D	375,390E 2,020,834N	Pizarra	Kp	24	5	0	7	4																
56	LD1885	Linea D	375,557E 2,021,055N	Pizarra	Kp	24	2	0	5	5																
57	LD2090	Linea D	375,681E 2,021,218N	Pizarra / toba fina	Kp	44				1																0
58	LE0100	Linea E	374,685E 2,019,466N	Pizarra	Kp	54		1		4			3													0
59	LE0300	Linea E	374,805E 2,019,625N	Pizarra calcarea	Kp	39			1	0										1						0
60	LE0500	Linea E	374,926E 2,019,785N	Arenisca cuarzosa	Kp	89				0																

No. muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Silice y silicatos									Carbonatos	Fosfato	Sulfuro	Sulfatos			Oxidos															
					Cuarzo	Albatita	Felspato potasico	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita				Calcita	Dolomita	Magnesita	Apatita	Pirita	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita								
61	LE0655	Linea E	375,019E 2,019,909N	Arenisca cuarzosa	Kp	71				2																									
62	LE0715	Linea E	375,055E 2,019,957N	Riolita afanítica	Kr2	55				1		3																							
63	LE0765	Linea E	375,085E 2,019,997N	Riolita afanítica	Kr2	62				5		2																							
64	LE0980	Linea E	375,215E 2,020,168N	Riolita brechada	Kr2	35				7		0																							
65	LE1200	Linea E	375,347E 2,020,344N	Toba lapilli	Kr2	43				6																									
66	LE1410	Linea E	375,473E 2,020,512N	Pizarra granítica	Kp	24				13		8																							
67	LE1760	Linea E	375,684E 2,020,791N	Pizarra	Kp	37				0		4																							
68	LE2100	Linea E	375,889E 2,021,063N	Pizarra	Kp	27				3		4																							
69	LF0100	Linea F	374,888E 2,019,303N	Arenisca cuarzosa	Kp	82						0																							
70	LF0435	Linea F	375,089E 2,019,570N	Pizarra calcarea	Kp	10				3		2								18															
71	LF0700	Linea F	375,248E 2,019,782N	Arenisca cuarzosa	Kp	86						1																							
72	LF0800	Linea F	375,308E 2,019,862N	Riolita afanítica	Kr2	43																													
73	LF0950	Linea F	375,399E 2,019,982N	Arenisca fina	Kp	45						1																							
74	LF1070	Linea F	375,471E 2,020,078N	Gossan	Kr2	33																													
75	LF1100	Linea F	375,489E 2,020,102N	Riolita afanítica	Kr2	51						8																							
76	LF1575	Linea F	375,774E 2,020,481N	Pizarra tobacea	Kp	41						1																							
77	LF1665	Linea F	375,828E 2,020,553N	Pizarra	Kp	30				3		0																							
78	LF1825	Linea F	375,925E 2,020,681N	Pizarra	Kp	30				1		3																							
79	LG0300	Linea G	375,193E 2,019,314N	Pizarra	Kp	32						1																							
80	LG0500	Linea G	375,316E 2,019,472N	Arenisca cuarzosa	Kp	89																													
81	LG0550	Linea G	375,347E 2,019,512N	Arenisca cuarzosa	Kp	89																													
82	LG0900	Linea G	375,561E 2,019,788N	Riolita afanítica	Kr1	67						5																							
83	LG1015	Linea G	375,589E 2,019,823N	fingolita	Kp	43						5																							
84	LG1025	Linea G	375,638E 2,019,887N	Toba lapilli	Kr2	42						2																							
85	LG1090	Linea G	375,678E 2,019,938N	Riolita silicificada	Kr2	59																													
86	LG1150	Linea G	375,715E 2,019,985N	Riolita afanítica	Kr2	43						9																							
87	LG1400	Linea G	375,868E 2,020,183N	Toba lapilli	Kr1	59						2																							
88	LG1610	Linea G	375,997E 2,020,348N	Riolita brechada	Kr1	56						3																							
89	LG1745	Linea G	376,080E 2,020,455N	Pizarra	Kp	28						2																							
90	LG1985	Linea G	376,227E 2,020,644N	Pizarra	Kp	32						2																							



No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Silíceos y silicatos										Carbonatos				Fosfato		Sulfuro			Oxidos					
						Cuarzo	Albita	Felspato potasico	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita	Calcita	Dolomita	Magnesita	Apatita	Pirita	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita					
91	LH0200	Linea H	375.337E 2.019.086N	Arenisca fina	Kp	41					8																			
92	LH0300	Linea H	375.399E 2.019.164N	Arenisca fina	Kp	51					4		2																	1
93	LH0400	Linea H	375.461E 2.019.243N	Pizarra tobacea	Kp	21	8	0		3	3																			
94	LH0442	Linea H	375.486E 2.019.276N	Pizarra	Kp	29	3	0		2	4																			
95	LH0470	Linea H	375.504E 2.019.298N	Pizarra	Kp	34	3			4	6										0									
96	LH0800	Linea H	375.707E 2.019.559N	Riolita, brechada alfanítica	Kr2	52				6	1																			
97	LH1000	Linea H	375.830E 2.019.716N	Arenisca	Kp	53				7	1																			
98	LH1120	Linea H	375.903E 2.019.811N	Arenisca cuarzosa	Kp	89					1		0																	
99	LH1300	Linea H	376.014E 2.019.953N	Pizarra tobacea	Kp	53				4	4																			
100	LH1340	Linea H	376.039E 2.019.984N	Riolita brechada	Kr1	47				8																				
101	LH1705	Linea H	376.263E 2.020.272N	Pizarra	Kp	37	2	0		1	7																			
102	LH1930	Linea H	376.402E 2.020.449N	Pizarra	Kp	25	5	0		3	5																			
103	LH2100	Linea H	376.506E 2.020.583N	Pizarra	Kp	27	1	0		2	9																			
104	SF004	San Francisco	374.348E 2.021.078N	Riolita porfídica	Ir	29				2	2																			
105	SF006	San Francisco	374.365E 2.021.265N	Pizarra	Kp	52	1	0		0	7																			
106	SF008	San Francisco	373.773E 2.020.737N	Riolita	Ir	19	5			5	1										1									
107	SF010	San Francisco	373.763E 2.020.586N	Riolita	Ir	22	6			3	2																			
108	SF012	San Francisco	373.828E 2.020.400N	Pizarra	Kp	34	2	1		9	6																			
109	SF014	San Francisco	373.981E 2.020.440N	Pizarra	Kp	12	1			8	12																			
110	SF016	San Francisco	374.063E 2.020.703N	Riolita	Ir	19	7			0	3																			
111	SF019	San Francisco	374.058E 2.020.978N	Arenisca cuarzosa	Kp	32	1				1																			
112	SF021	San Francisco	374.116E 2.021.153N	Pizarra psammitica	Kp	49				2	0																			
113	SF023	San Francisco	374.174E 2.021.334N	Pizarra	Kp	35	2			0	1																			
114	SF028	San Francisco	374.433E 2.021.482N	Pizarra psammitica	Kp	36	3			0	5																			
115	SF031	San Francisco	374.701E 2.021.468N	Pizarra psammitica	Kp	39				2	0																			
116	SF033	San Francisco	374.852E 2.021.363N	Pizarra psammitica	Kp	39				0	2																			
117	SF034	San Francisco	374.570E 2.020.605N	Pizarra	Kp	31	2			0	3																			
118	SF037	San Francisco	374.273E 2.020.368N	Toba lapilli	Kt	46					1																			
119	SF047	San Francisco	374.664E 2.021.086N	Pizarra	Kp	42	1			0	2																			0
120	SF053	San Francisco	375.004E 2.021.303N	Pizarra	Kp	41	1			0	1																			

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Siliceos y silicatos												Sulfuro	Sulfatos			Oxidos					
						Cuarzo	Albetita	Felspato potasio	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita	Calcita	Dolomita	Magnesita		Apalita	Fosfato	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita	
121	TR002	La Trinidad	375.092E 2.020.418N	Riolita afanitica	Kz2	51																					
122	TR003	La Trinidad	375.007E 2.020.410N	Gossan	Kz2	9																					
123	TR004	La Trinidad	375.079E 2.020.413N	Gossan	Kz2	11																					
124	TR008	La Trinidad	374.889E 2.020.332N	Riolita brechada	Kz2	35																					
125	TR010	La Trinidad	374.702E 2.020.386N	Pizarra	Kp	53																					
126	TR015	La Trinidad	374.406E 2.020.704N	Riolita	Kr	23																					
127	TR016	La Trinidad	374.293E 2.020.660N	Riolita	Kr	21																					
128	TR017	La Trinidad	374.244E 2.020.630N	Riolita porfida	Kr	20																					
129	TR024	La Trinidad	375.431E 2.020.292N	Riolita brechada	Kz2	51																					
130	TR034	La Trinidad	375.815E 2.020.198N	Riolita afanitica	Kr1	43																					
131	TR035	La Trinidad	375.868E 2.020.334N	Riolita afanitica	Kr1	43																					
132	TR038	La Trinidad	376.167E 2.020.351N	Pizarra	Kp	27																					
133	TR041	La Trinidad	375.221E 2.020.417N	Pizarra	Kp	18																					
134	TR042	La Trinidad	375.115E 2.020.332N	Pizarra	Kp	25																					
135	TR048	La Trinidad	374.934E 2.020.227N	Riolita brechada	Kz2	36																					
136	TR054	La Trinidad	374.713E 2.020.210N	Alt. de pizarra y toba fina	Kp	29																					
137	TR058	La Trinidad	374.771E 2.020.368N	Riolita afanitica	Kz2	12																					
138	TR059	La Trinidad	374.648E 2.020.094N	Alt. de pizarra y toba fina	Kp	24																					
139	TR060	La Trinidad	374.573E 2.019.989N	Pizarra	Kp	20																					
140	TR062	La Trinidad	374.343E 2.020.002N	Pizarra	Kp	38																					
141	TR064	La Trinidad	374.154E 2.020.067N	fangolita	Kp	30																					
142	TR068	La Trinidad	373.968E 2.020.152N	Pizarra calcarea	Kp	7																					
143	TR073	La Trinidad	375.061E 2.020.442N	Arenisca fina	Kp	15																					
144	TR074	La Trinidad	375.045E 2.020.466N	roca siliceificada con pirita	Kz2	35																					
145	TR077	La Trinidad	375.034E 2.020.520N	Riolita afanitica	Kz2	39																					
146	TR079	La Trinidad	375.048E 2.020.670N	Pizarra pelitica	Kp	23																					
147	TR085	La Trinidad	375.170E 2.020.677N	Riolita-dacita.afanitica	Kz2	40																					
148	TR086	La Trinidad	375.142E 2.020.810N	Pizarra pelitica	Kp	27																					
149	TR092	La Trinidad	374.958E 2.020.603N	Riolita	Kt	20																					
150	TR093	La Trinidad	375.020E 2.020.451N	Pizarra psammitica	Kp	51																					

(6)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Silíce y silíceos										Carbonatos				Fosfato	Sulfuro	Sulfatos			Oxidos		
						Cuarzo	Albatita	Felspato potasico	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita	Calcita	Dolomita	Magnesita	Apatita	Pirita	Sulfuro	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita	
151	TR100	La Trinidad	375,147E 2.019,921N	Pizarra con pirita	Kp	35			7									0	1								
152	TR103	La Trinidad	374,962E 2.020,101N	Riolita atántica	Kr2	27			9										0								
153	TR108	La Trinidad	375,084E 2.021,366N	Pizarra	Kp	45		0	3																		
154	TR111	La Trinidad	374,715E 2.021,364N	Pizarra	Kp	45		0	5																		
155	TR113	La Trinidad	374,552E 2.021,315N	Pizarra	Kp	39		0	5																		
156	TR114	La Trinidad	374,388E 2.021,382N	Pizarra	Kp	56		0	3																		
157	TR115	La Trinidad	374,934E 2.021,429N	Pizarra	Kp	41		0	1																		
158	TR116	La Trinidad	374,897E 2.021,514N	Pizarra	Kp	49		0	2																		
159	CJ002	Los Cajones	375,266E 2.019,600N	Pizarra	Kp	35		0	2																		
160	CJ005	Los Cajones	375,237E 2.019,430N	Pizarra pelítica	Kp	57		0	2				2													0	
161	CJ006	Los Cajones	375,101E 2.019,304N	Arenisca	Kp	55		2	2																		
162	CJ018	Los Cajones	375,653E 2.019,820N	Riolita brechada	Kr2	48			3																		
163	CJ022	Los Cajones	375,900E 2.019,911N	Arenisca cuarzoza	Kp	66			2																		
164	CJ027	Los Cajones	376,134E 2.020,028N	Riolita brechada atántica	Kr1	40		6	1																		
165	CJ028	Los Cajones	376,206E 2.020,067N	Riolita atántica	Kr1	50		3	2																		
166	CJ030	Los Cajones	376,405E 2.020,109N	Riolita brechada	Kr1	59		2	3																		1
167	CJ034	Los Cajones	375,435E 2.019,454N	Pizarra	Kp	25		0	2																		
168	HK-3	La Trinidad	373,010E 2.022,045N	Toba riolítica	Kt	58			3				4														
169	HK-14	Buenos Aires	376,640E 2.019,390N	Pizarra grafitica	Kp	31		1	4																		1
170	HK-16	Las Parotas, S	373,610E 2.021,160N	Riolita	Ir	26		6	5																		
171	HK-19	La Trinidad	375,760E 2.020,320N	Riolita brechada	Kr1	57			5																		
172	HK-20	La Trinidad	375,810E 2.020,200N	Toba riolítica	Kt	64			5																		
173	HK-21	La Trinidad	375,725E 2.020,080N	Riolita brechada	Kr2	55			9																		
174	HK-23	Nuevo Leon	375,955E 2.018,750N	andesita / riolita	Ka	14		8	10																		
175	HK-28	Las Pinas, N	373,455E 2.018,750N	Dacita / riolita	Kg3	20		3	2																		
176	HK-34A	Los Cajones	375,660E 2.019,810N	Riolita brechada	Kr2	8																					2
177	HK-35	SanFrancisco	374,600E 2.019,800N	Pizarra / arenisca silíceificada	Kp	8			3																		
178	HK-41	Las Parotas	372,885E 2.022,215N	Pizarra calcarea	Kp	23		2	1																		
179	HK-42F	Las Parotas	372,585E 2.022,395N	Pizarra	Kp	54		2	1																		13
180	HK-43	Los Cajones	375,790E 2.019,130N	Pizarra calcarea	Kp	22			5																		

(7)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Silice y silicatos										Carbonatos			Fosfato	Sulfuro	Sulfatos	Oxidos				
						Cuarzo	Albatita	Felspato potasico	Clorita	Clorita/Montmorillonita	Sericita	Montmorillonita	Caolinita	Halloysita	Calcita	Dolomita	Magnesita	Apatita	Pirita	Jarosita	Beudantita	Alunita	Anatasa	Hematita	Goethita	
181	HK-52	Las Pinas	374,175E 2.018,160N	andesita / dacita	Ka	11	4	6	4																	
182	HK-56	Los Cajones	375,625E 2.019,805N	Riolita brechada	K2	41		15																		
183	HK-57	Los Cajones	375,635E 2.019,765N	Gossan	K2	4																				3
184	HK-58	Buenos Aires	376,145E 2.019,840N	Riolita	K1	60			8																	
185	HK-60	Buenos Aires	376,640E 2.019,390N	Pizarra calcarea	Kp	38	3	0	4	4					3	6										
186	LBL101	La Trinidad	375,030E 2.020,460N	Riolita silicificada	K2	95																				0
187	LBL102	La Trinidad	375,030E 2.020,460N	Riolita silicificada	K2	59			8																	
188	LBL104	La Trinidad	375,030E 2.020,460N	Riolita brechada	K2	77						1														
189	LBL105	La Trinidad	375,030E 2.020,460N	Riolita silicificada	K2	57			11																	
190	LBL107	La Trinidad	375,030E 2.020,460N	Gossan	K2	11															1					
191	LBL108	La Trinidad	375,030E 2.020,460N	Riolita silicificada	K2	95															0					
192	LBL301	La Trinidad	375,046E 2.020,503N	Riolita silicificada	K2	95																				
193	LBL302	La Trinidad	375,046E 2.020,503N	Riolita brechada	K2	30							0													
194	LBL303	La Trinidad	375,046E 2.020,503N	gossan (riolita brechada)	K2	20																				
195	LBL304	La Trinidad	375,046E 2.020,503N	Pizarra silicificada	Kp	43			12	0					0											
196	LLS101	Los Cajones	375,630E 2.019,840N	Riolita brechada	K2	39			16											2						
197	LLS104A	Los Cajones	375,630E 2.019,840N	Riolita brechada	K2	44			11																	
198	LLS104B	Los Cajones	375,630E 2.019,840N	Riolita brechada	K2	21						1														2
199	LLS105	Los Cajones	375,630E 2.019,840N	Pizarra	Kp	45			10																	
200	LLS106	Los Cajones	375,630E 2.019,840N	Riolita brechada	K2	44			12																	
202	TRF107	Los Cajones	375,350E 2.019,740N	Arenisca cuarsosa	Kp	81			1	2																
203	TRF201	Los Cajones	375,320E 2.019,770N	Arenisca fina	Kp	35			1	1																1
204	TRF202	Los Cajones	375,320E 2.019,770N	Arenisca fina	Kp	52			5	0																
205	TRF204	Los Cajones	375,320E 2.019,770N	Arenisca fina	Kp	52			9	2																

Indice de cuarzo (I.Q.) =  $(\text{Im}/\text{Iq}) * 100$

0 : <1

Im: Los mas fuertes rayos-X de mineral en las muestras provadas

Iq: Los mas fuertes rayos-X de cuarzo puro.

TAB. II-2-4 RESULTADOS DE OBSERVACION MICROSCOPICA DE SECCION PULIDA (AREA LA TRINIDAD) (1)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Rosa fasea	Sulfuros y hidróxido hierro																Minerales gangas					
						Electrum	Argentita	Calcopirita	Bornita	Calcocita	Covelita	Bourmonita	Digenita	Tetraedrita	Esferocita	Galena	Pirita	Marcasita	Pirrotita	Arsenopirita	Goethita	Cuarzo	Calcita	Grafito	Otro mineral		
1	LBL103	La Libelula	375,030E 2,020,460N	Pizarra silíceada con pirita	Kp	△													△	△	○		○				
2	LBL106A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
3	LBL106B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
4	LBL106C	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
5	LBL106C3	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		△				
6	LBL106C4	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		△				
7	LBL106C5	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		△				
8	LBL106EA	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
9	LBL106EB	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
10	LBL106EC	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		○				
11	LBL106FA	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
12	LBL106FB	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
13	LBL106GA	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
14	LBL106GB	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
15	LBL106GC	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
16	LBL111A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
17	LBL111B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
18	LBL111C	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM														△	△	○		○				
19	LBL112A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
20	LBL112B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		○				
21	LBL113A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
22	LBL113B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
23	LBL113C	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		○				
24	LBL114A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		○				
25	LBL114B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		○				
26	LBL115A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
27	LBL115B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
28	LBL119A	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	△													△	△	○		○				
29	LBL119B	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				
30	LBL119C	La Libelula	375,030E 2,020,460N	Sulfro masivo	SM	.													△	△	○		○				

(2)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Sulfuros y hidroóxido hierro																Minerales gangua						
						Electrum	Argentita	Calcopirita	Bornita	Calcocita	Covelita	Bourmonita	Digenita	Tetradrita	Esfalerita	Galena	Pirita	Marcasita	Pirrotita	Arsenopirita	Goethita	Cuarzo	Calcita	Grafito	Otro mineral			
31	LBL304	La Libelula	375,046E 2,020,303N	Pizarra silicificada con pirita	Kp																		⊙			⊙		
32	LBL316A	La Libelula	375,046E 2,020,503N	Riolita con pirita	Kz2																		Δ					⊙
33	LBL316B	La Libelula	375,046E 2,020,503N	Riolita con pirita	Kz2																							⊙
34	LLS101	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
35	LLS103A	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
36	LLS103B	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
37	LLS103C	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
38	LLS110	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
39	LLS112A	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
40	LLS112B	La Luisa	375,630E 2,019,840N	Riolita brechada con pirita	Kz2																							⊙
41	SJN101B	San Juan	374,895E 2,020,140N	Riolita brechada con pirita	Kz2																							⊙
42	TRH101C	Los Cajones	375,320E 2,019,730N	Toba riolítica	Kz2																							⊙
43	TRH104A1	Los Cajones	375,320E 2,019,730N	Sulfro masivo 7	SM																							⊙
44	TRH104A2	Los Cajones	375,320E 2,019,730N	Sulfro masivo 7	SM																							⊙
45	TRH104B1	Los Cajones	375,320E 2,019,730N	Sulfro masivo 7	SM																							⊙
46	TRH104B2	Los Cajones	375,320E 2,019,730N	Sulfro masivo 7	SM																							⊙
47	TRH107	Los Cajones	375,320E 2,019,730N	Riolita brechada con pirita	Kz2																							⊙
48	HK-27	Nicolás Bravo	376,325E 2,017,900N	Veta de cuarzo	Kp																							⊙
49	HK-34B	Los Cajones	375,660E 2,019,810N	Gossan	Kz2																							⊙
50	HK-36	San Francisco	374,600E 2,019,795N	Pizarra con diseminacion de pirita	Kp																							⊙
51	LD0380	Linea D	374,649E 2,019,854N	Pizarra con pirita	Kp																							⊙
52	TR064	La Trinidad	374,154E 2,020,067N	Fangolita con pirita	Kp																							⊙
53	TR074	La Trinidad	375,045E 2,020,466N	Sulfro masivo	SM																							⊙

⊙: Abundante   ○: Comun   Δ: Menor   &gt;: Raro













Table with columns: No., No. de muestra, Localidad, Coordinadas de UTM, Nombre de roca, Roca fasea, Au (ppm), Ag (ppm), Cu (ppm), Pb (ppm), Zn (ppm), Fe (%), Mn (ppm), Na (%), K (%), Ca (%), Mg (%), Ba (ppm), S (%). Rows 246-294.



(8)

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Fe (%)	Mn (ppm)	Na (%)	K (%)	Ca (%)	Mg (%)	Ba (ppm)	S (%)	
344	TR070	La Trinidad	373,950E	Pizarra	Kp	< 0.01	1.30	32	122	43	3.77	249	1.07	2.62	2.46	1.25	417	0.41	
345	TR072	La Trinidad	373,927E	Andesita	Kp	< 0.01	0.80	42	129	40	3.65	378	0.89	1.40	1.32	3.56	261	0.06	
346	TR075	La Trinidad	375,034E	Riolita silicificada	Kp2	0.80	36.80	3	23	<	2.28	<	0.11	0.02	0.10	<	64	0.02	
347	TR076	La Trinidad	375,033E	Pizarra brechada	Kp	0.01	2.30	186	124	354	7.06	125	0.11	1.66	0.07	0.25	697	0.04	
348	TR077	La Trinidad	375,034E	Riolita afanitica	Kp2	< 0.01	1.30	10	202	329	2.36	77	0.14	2.43	0.08	0.36	269	0.02	
349	TR078	La Trinidad	375,034E	Pizarra	Kp	0.01	0.70	7	48	<	1.99	76	0.14	0.96	0.11	0.33	174	0.03	
350	TR079	La Trinidad	375,048E	Pizarra pelitica	Kp	< 0.01	0.30	20	119	89	<	112	0.40	3.46	0.12	0.30	684	0.06	
351	TR080	La Trinidad	375,026E	Pizarra pelitica	Kp	< 0.01	1.39	19	89	<	2.39	30	0.74	1.51	0.15	0.23	298	0.02	
352	TR081	La Trinidad	375,006E	Arenisca tobacaca	Kp	0.02	1.19	7	68	<	1.92	154	0.36	1.09	0.09	<	180	0.02	
353	TR082	La Trinidad	374,978E	Pizarra psammitica	Kp	< 0.01	0.40	12	44	<	2	0.92	2	0.15	2.57	0.09	<	170	0.02
354	TR083	La Trinidad	375,190E	Pizarra psammitica	Kp2	0.03	2.58	728	139	143	7.56	<	0.13	1.84	0.08	1.16	356	0.02	
355	TR084	La Trinidad	375,175E	Vara de cuarzo con limonita	Kp2	< 0.01	1.19	272	88	131	5.39	211	0.11	1.00	0.07	0.11	51	0.23	
356	TR085	La Trinidad	375,170E	Diacna - riolita afanitica	Kp2	< 0.01	0.01	25	161	129	3.37	161	0.58	2.82	0.30	0.55	742	0.10	
357	TR086	La Trinidad	375,142E	Pizarra pelitica	Kp	< 0.01	0.50	26	104	381	1.96	37	1.08	2.46	1.01	0.35	852	0.03	
358	TR087	La Trinidad	375,176E	Pizarra	Kp	< 0.01	0.60	19	100	111	1.76	<	0.19	2.53	0.25	0.37	894	0.04	
359	TR088	La Trinidad	375,177E	Pizarra pelitica	Kp	0.03	1.08	11	114	<	2	3.58	171	0.64	2.17	0.13	1.76	710	0.02
360	TR089	La Trinidad	375,182E	Pizarra calarea	Kt	0.04	0.10	<	7	67	<	2	0.10	0.50	0.07	0.12	300	0.20	
361	TR090	La Trinidad	375,182E	Riolita	Kt	0.02	0.20	71	115	16	2.76	<	0.20	3.26	0.09	0.33	1,160	0.04	
362	TR091	La Trinidad	374,938E	Riolita	Kt	< 0.01	0.01	27	130	51	4.90	356	0.15	2.63	0.09	2.44	1,240	0.02	
363	TR092	La Trinidad	375,020E	Pizarra psammitica	Kp	0.12	1.48	410	207	15	2.44	27	0.13	1.20	0.09	0.59	251	0.02	
364	TR094	La Trinidad	375,024E	Pizarra con toba	Kp	0.48	0.99	507	1,620	123	6.33	18	0.13	2.85	0.05	0.78	730	0.04	
366	TR096	La Trinidad	375,033E	Arenisca fina	Kp	0.02	1.87	14	227	124	1.73	11	0.12	0.61	0.10	0.11	43	0.07	
367	TR097	La Trinidad	375,220E	Arenisca cuarzosa	Kp	0.05	1.37	14	227	124	1.73	11	0.12	0.61	0.10	0.11	43	0.07	
368	TR098	La Trinidad	375,220E	Pizarra con punta	Kp	0.09	10.70	159	1,030	280	5.23	516	0.11	1.77	0.23	5.23	44	0.07	
369	TR099	La Trinidad	375,163E	Pizarra con punta	Kp	0.06	0.89	158	113	227	2.76	408	0.14	1.71	0.18	5.41	339	0.02	
370	TR100	La Trinidad	375,147E	Pizarra con punta	Kp	< 0.01	4.34	597	164	303	7.92	550	0.11	0.07	0.34	3.52	143	2.21	
371	TR101	La Trinidad	375,118E	Riolita afanitica	Kp2	0.02	2.96	264	243	437	5.84	631	0.13	0.83	0.10	1.84	168	0.03	
372	TR102	La Trinidad	375,012E	Riolita afanitica	Kp	0.25	8.38	620	408	231	12.06	631	0.13	0.14	0.07	4.21	24	0.05	
373	TR103	La Trinidad	374,962E	Riolita afanitica	Kp2	0.02	4.34	179	228	86	7.21	297	0.18	0.15	0.07	2.66	25	0.93	
374	TR104	La Trinidad	375,328E	Pizarra brechada	Kp2	< 0.01	2.66	533	160	168	6.85	392	0.17	0.56	0.07	2.22	77	0.15	
375	TR105	La Trinidad	374,900E	Pizarra	Kp	< 0.01	0.99	33	108	204	1.83	43	0.24	2.06	0.20	0.45	864	0.03	
376	TR106	La Trinidad	375,254E	Pizarra	Kp	< 0.01	0.89	35	91	347	2.86	32	0.21	2.08	0.10	0.51	688	0.02	
377	TR107	La Trinidad	375,137E	Pizarra	Kp	< 0.01	1.48	37	86	268	1.91	63	0.21	1.95	0.13	0.57	577	0.02	
378	TR108	La Trinidad	375,084E	Pizarra	Kp	< 0.01	0.79	5	71	46	1.18	33	0.21	1.89	0.10	0.27	758	0.02	
379	TR109	La Trinidad	374,961E	Pizarra	Kp	< 0.01	1.18	18	85	125	1.72	38	0.21	2.11	0.11	0.54	746	0.02	
380	TR110	La Trinidad	374,803E	Pizarra	Kp	0.04	1.21	21	82	626	3.87	36	0.22	2.27	0.09	0.29	626	0.02	
381	TR111	La Trinidad	374,715E	Pizarra	Kt	0.09	1.31	5	79	76	1.05	23	0.22	2.35	0.10	0.22	700	0.02	
382	TR112	La Trinidad	374,659E	Pizarra	Kp	0.10	0.81	16	120	215	1.10	46	0.33	4.89	0.07	0.97	2,000	0.02	
383	TR113	La Trinidad	374,552E	Pizarra	Kp	0.09	0.51	<	70	<	2	0.84	29	0.23	2.63	0.09	0.18	689	0.02
384	TR114	La Trinidad	374,388E	Pizarra	Kp	0.07	1.01	9	73	79	1.14	26	0.19	1.85	0.10	0.22	613	0.02	
385	TR115	La Trinidad	374,934E	Pizarra	Kp	0.05	1.01	19	89	197	2.29	33	0.21	2.66	0.08	0.68	854	0.02	
386	TR116	La Trinidad	374,897E	Pizarra	Kp	0.06	0.30	11	126	191	3.32	81	0.18	1.15	0.09	1.51	570	0.02	
387	TR117	La Trinidad	375,092E	Pizarra tobacaca	Kp	< 0.01	2.44	1370	225	1650	24.29	26	0.16	1.51	0.03	0.27	396	0.12	
388	TR119	La Trinidad	375,588E	Pizarra	Kp	0.03	0.15	25	32	77	2.93	<	2	0.86	0.02	0.41	540	0.08	
389	TR120	La Trinidad	375,636E	Pizarra tobacaca	Kp	0.02	0.10	40	24	392	4.56	4	0.82	1.67	0.04	0.26	442	0.10	
390	TR121	La Trinidad	375,690E	Arenisca tobacaca	Kp	< 0.01	0.01	<	1	47	30	0.71	2	0.04	1.17	0.01	0.33	240	0.03
391	TR122	La Trinidad	375,599E	Riolita afanitica	Kp2	0.04	0.20	1400	405	842	27.05	5	0.09	0.05	0.01	0.02	71	0.11	
392	TR123	La Trinidad	375,599E	Riolita afanitica	Kp2	0.11	0.05	1,150	328	610	27.36	<	0.09	0.04	0.01	0.03	79	0.13	

No.	No. de muestra	Localidad	Coordenadas de UTM	Nombre de roca	Roca fasea	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Fe (%)	Mn (ppm)	Na (%)	K (%)	Ca (%)	Mg (%)	Ba (ppm)	S (%)	
393	CJ0124	La Trinidad	375,658E; 2,020,161N	Riolita afanítica	Kf2	0.03	1.63	264	463	78	2.26	87	0.14	3.33	0.02	0.60	378	0.09	
394	CJ001	Los Cajones	375,261E; 2,019,698N	Riolita	Kf	< 0.01	0.10	14	80	16	1.74	24	0.14	0.10	0.05	0.36	787	0.02	
395	CJ002	Los Cajones	375,266E; 2,019,600N	Pizarra	Kf	< 0.01	0.71	118	96	55	1.69	109	0.04	0.92	0.04	0.92	982	0.02	
396	CJ003	Los Cajones	375,249E; 2,019,538N	Riolita	Kf	< 0.01	0.36	33	80	11	1.08	30	0.08	0.04	0.06	0.14	367	< 0.01	
397	CJ004	Los Cajones	375,256E; 2,019,499N	Arenisca cuarzosa	Kp	< 0.01	0.10	11	87	87	3	2.22	25	0.06	0.01	0.08	0.01	132	0.01
398	CJ005	Los Cajones	375,237E; 2,019,430N	Pizarra pelítica	Kp	< 0.02	0.01	21	72	31	1.44	24	0.08	0.14	0.06	0.11	389	0.02	
399	CJ006	Los Cajones	375,101E; 2,019,504N	Arenisca	Kp	< 0.01	0.19	13	64	64	2.0	1.86	1.18	0.08	0.02	0.07	0.38	815	0.01
400	CJ007	Los Cajones	375,036E; 2,019,254N	Pizarra	Kp	< 0.01	1.27	29	179	270	8.43	160	0.15	0.10	0.29	0.93	518	1.48	
401	CJ008	Los Cajones	374,942E; 2,019,226N	Alt. de pizarra y toba fina	Kp	0.01	0.97	15	105	105	10	0.68	19	0.15	4.44	0.05	0.26	1,740	0.03
402	CJ009	Los Cajones	375,256E; 2,019,286N	Alt. de pizarra y toba fina	Kp	< 0.01	0.91	16	89	53	0.99	25	0.11	4.11	0.05	0.42	1,020	0.03	
403	CJ010	Los Cajones	375,327E; 2,019,243N	Pizarra	Kp	< 0.01	0.72	37	98	241	2.08	78	0.11	3.72	0.05	0.51	876	0.01	
404	CJ011	Los Cajones	375,356E; 2,019,175N	Pizarra psamítica	Kp	< 0.01	0.46	69	99	291	3.07	28	0.12	2.35	0.04	0.27	786	0.02	
405	CJ012	Los Cajones	375,389E; 2,019,076N	Alt. de pizarra y arenisca	Kp	< 0.01	0.77	31	88	46	1.73	69	0.12	1.61	0.07	0.28	349	0.01	
406	CJ013	Los Cajones	375,389E; 2,018,947N	Alt. de pizarra y arenisca	Kp	< 0.01	0.81	22	146	66	3.23	31	0.26	2.78	0.03	0.14	831	0.02	
407	CJ014	Los Cajones	375,296E; 2,019,363N	Pizarra	Kp	< 0.01	0.01	7	52	2	0.17	23	0.09	1.00	0.08	0.07	218	0.01	
408	CJ015	Los Cajones	375,296E; 2,019,363N	Arenisca cuarzosa	Kp	< 0.01	0.31	308	130	185	6.98	869	0.06	0.20	0.04	2.81	76	0.01	
409	CJ016	Los Cajones	375,556E; 2,019,735N	Riolita brechada	Kf2	< 0.01	1.84	236	108	71	5.03	316	0.07	1.01	0.04	1.53	363	0.01	
410	CJ017	Los Cajones	375,609E; 2,019,801N	Riolita afanítica	Kf2	< 0.04	1.18	297	103	62	4.83	414	0.04	0.06	0.03	1.04	35	0.02	
411	CJ018	Los Cajones	375,653E; 2,019,820N	Riolita brechada	Kf2	0.05	0.82	225	134	45	4.24	293	0.05	0.07	0.05	0.95	24	0.02	
412	CJ019	Los Cajones	375,699E; 2,019,835N	Riolita afanítica	Kf2	0.01	0.51	17	81	81	1.80	36	0.06	1.35	0.07	0.25	348	0.02	
413	CJ021	Los Cajones	375,793E; 2,019,876N	Arenisca	Kp	0.02	1.18	24	88	85	2.92	89	0.04	0.23	0.07	0.84	108	0.04	
414	CJ022	Los Cajones	375,900E; 2,019,911N	Arenisca cuarzosa	Kp	0.01	0.01	12	110	151	5.23	241	0.11	2.04	0.03	0.90	443	0.01	
415	CJ023	Los Cajones	375,960E; 2,019,961N	Pizarra	Kf1	0.08	0.01	234	156	103	7.43	449	0.08	1.02	0.03	2.47	350	0.01	
416	CJ024	Los Cajones	375,988E; 2,019,979N	Riolita brechada afanítica	Kf1	0.09	3.80	16	144	3	0.68	271	0.07	1.77	0.08	0.21	462	0.01	
417	CJ026	Los Cajones	376,098E; 2,020,011N	Riolita afanítica	Kf1	0.08	1.08	15	106	13	1.60	32	0.13	6.40	0.05	0.01	1,780	0.02	
418	CJ027	Los Cajones	376,134E; 2,020,028N	Riolita brechada afanítica	Kf1	0.05	0.10	10	89	11	0.51	54	0.11	8.45	0.06	0.17	1,040	0.02	
419	CJ028	Los Cajones	376,206E; 2,020,067N	Riolita afanítica	Kf1	0.04	0.87	30	100	24	0.87	48	0.04	3.35	0.07	0.01	809	0.01	
420	CJ029	Los Cajones	376,333E; 2,020,120N	Riolita	Kf1	0.08	0.41	47	153	68	3.04	53	1.00	2.62	0.06	0.51	597	0.02	
421	CJ031	Los Cajones	376,508E; 2,020,114N	Alt. de pizarra y arenisca	Kp	0.03	0.13	87	143	173	3.23	358	1.72	0.01	8.03	0.99	508	0.06	
422	CJ032	Los Cajones	375,396E; 2,019,297N	Pizarra	Kf	0.04	0.01	33	102	63	1.24	71	0.08	0.06	0.06	0.24	510	0.01	
423	CJ033	Los Cajones	375,383E; 2,019,364N	Riolita	Kp	< 0.01	0.52	58	146	157	3.90	116	0.82	0.05	0.13	0.89	663	0.02	
424	CJ034	Los Cajones	375,455E; 2,019,434N	Pizarra	Kp	< 0.01	0.41	60	144	238	4.55	271	0.86	2.40	0.26	1.34	708	0.02	
425	CJ035	Los Cajones	375,544E; 2,019,517N	Pizarra	Kp	< 0.01	0.41	60	144	238	4.55	271	0.86	2.40	0.26	1.34	708	0.02	
426	CJ036	Los Cajones	375,613E; 2,019,464N	Riolita brechada	Kf1	0.03	0.67	232	136	142	3.39	474	0.09	0.15	0.05	2.91	391	0.01	
427	CJ037	Los Cajones	375,695E; 2,019,451N	Pizarra	Kp	< 0.01	0.36	171	147	326	4.61	399	0.12	4.81	0.03	0.89	669	0.02	
428	CJ038	Los Cajones	375,832E; 2,019,400N	Pizarra / toba fina	Kp	0.05	0.72	127	134	267	4.64	164	0.10	2.11	0.05	0.51	426	0.01	
429	CJ039	Los Cajones	375,635E; 2,019,302N	Pizarra	Kp	0.02	1.70	164	114	780	5.55	634	0.27	0.98	0.43	0.78	287	0.04	
430	CJ040	Los Cajones	375,534E; 2,019,302N	Pizarra / toba fina	Kp	0.01	0.83	64	83	396	1.58	938	0.46	0.70	24.33	0.05	133	0.27	
431	CJ041	Los Cajones	375,510E; 2,019,260N	Pizarra calcaréa	Kp	0.02	0.31	55	140	139	4.46	352	1.03	2.58	0.22	1.23	568	0.01	
432	CJ042	Los Cajones	375,415E; 2,019,238N	Alt. de pizarra y arenisca	Kp	0.02	0.81	94	144	286	5.43	1,300	0.07	1.81	0.05	0.43	552	0.03	
433	CJ043	Los Cajones	375,355E; 2,019,235N	Pizarra	Kp	0.13	0.66	26	180	73	1.12	38	0.08	4.69	0.04	0.66	1,220	0.12	

TAB. II-2-12 LISTA DE RESULTADOS DE PRUEBA DE PROPIEDAD FISICA

(1)

No.	No. de muestra	Localidad	Tipo de Roc.	VP (mV/V)	M4 (mV/V)	M5 (mV/V)	M6 (mV/V)	M7 (mV/V)	M8 (mV/V)	M9 (mV/V)	M10 (mV/V)	M11 (mV/V)	M12 (mV/V)	M13 (mV/V)	M14 (mV/V)	Rho <sub>0</sub> (ohm-m)	17 (mV/V)
1	HK-50	Las Pintas	andesita	395.3	12.7	10.6	9.0	7.4	6.1	4.9	3.9	3.1	2.4	1.8	1.4	1778	2.4
1	HK-50	Las Pintas	andesita	376.5	12.3	10.3	8.7	7.2	5.9	4.7	3.8	3.0	2.4	1.8	1.4	1222	2.4
1	HK-50	Las Pintas	andesita	237.5	10.0	8.1	6.6	5.3	4.1	3.1	2.3	1.7	1.2	0.7	0.4	1171	1.2
2	HK-57	Los Cajones	gossan	345.0	29.6	25.8	22.6	19.5	16.6	14.0	11.8	9.7	8.0	6.5	5.3	1939	8.0
2	HK-57	Los Cajones	gossan	458.9	20.0	17.3	15.0	12.9	10.9	9.2	7.6	6.3	5.1	4.2	3.4	1470	5.1
2	HK-57	Los Cajones	gossan	334.7	20.6	17.9	15.7	13.5	11.5	9.7	8.1	6.8	5.6	4.5	3.7	1112	5.6
3	LI106C	La Trinidad	sulfuro masivo	8.6	827.7	794.9	757.1	710.2	658.6	602.4	545.2	487.4	431.6	378.1	329.3	38	481.6
3	LI106C	La Trinidad	sulfuro masivo	8.8	902.5	871.2	835.0	789.5	738.8	681.6	623.5	563.4	504.4	446.7	392.7	37	504.4
3	LI106C	La Trinidad	sulfuro masivo	7.1	924.4	894.5	859.2	814.2	762.9	705.5	643.6	583.1	522.0	462.5	403.9	26	522.0
4	LI106C	La Trinidad	sulfuro masivo	8.5	670.7	632.4	591.2	544.1	495.4	445.7	398.0	351.5	308.4	268.5	232.8	39	308.4
6	LI106C	La Trinidad	sulfuro masivo	5.5	740.3	703.0	662.1	614.5	564.4	512.4	461.5	411.4	363.8	319.7	279.6	26	363.8
4	LI106C	La Trinidad	sulfuro masivo	3.4	742.0	705.4	665.6	618.8	589.2	516.2	464.8	414.0	385.8	320.8	279.4	16	385.8
5	LI106C2	La Trinidad	sulfuro masivo	5.9	516.8	477.8	438.5	396.4	354.9	315.6	279.1	243.9	211.5	182.2	154.8	30	211.5
5	LI106C2	La Trinidad	sulfuro masivo	6.0	807.5	771.5	729.7	677.7	620.8	559.6	498.4	437.8	381.0	327.9	280.8	27	381.0
5	LI106C2	La Trinidad	sulfuro masivo	3.9	623.1	580.5	534.8	482.9	431.2	379.4	331.7	286.7	246.0	209.7	178.4	17	246.0
6	LI106B	La Trinidad	sulfuro masivo	2.8	280.5	256.2	242.7	218.7	194.7	171.6	150.4	131.2	113.7	97.3	82.2	11	113.7
6	LI106B	La Trinidad	sulfuro masivo	2.4	451.7	419.9	387.3	352.6	317.3	283.8	251.1	219.7	190.5	162.6	137.1	9	190.5
6	LI106B	La Trinidad	sulfuro masivo	1.7	317.4	294.5	272.9	249.7	225.4	201.5	179.3	157.4	136.1	116.3	99.7	8	136.1
7	TR104A	Los Cajones, NF	sulfuro masivo ?	9.4	133.8	117.0	101.5	85.6	70.7	57.3	46.1	36.5	28.6	22.0	16.7	45	28.6
7	TR104A	Los Cajones, NF	sulfuro masivo ?	9.2	122.1	106.3	91.4	76.4	62.5	50.1	39.7	31.3	24.4	18.5	14.1	41	24.4
7	TR104A	Los Cajones, NF	sulfuro masivo ?	9.0	111.8	97.3	83.7	70.0	57.2	46.0	36.1	28.1	22.1	16.7	12.6	41	22.1
8	TR104B	Los Cajones, NF	sulfuro masivo ?	11.0	80.1	70.2	61.0	51.8	43.5	35.7	29.1	23.4	18.6	14.8	12.1	67	18.5
8	TR104B	Los Cajones, NF	sulfuro masivo ?	19.7	114.5	100.4	87.6	74.9	63.1	52.3	43.0	34.8	27.8	22.4	18.0	53	27.8
8	TR104B	Los Cajones, NF	sulfuro masivo ?	9.1	103.8	93.7	84.2	74.8	66.0	57.8	50.4	43.9	36.5	33.7	28.9	52	38.5
9	HK-36	SanFrancisco	pizarra con disseminacion de pirita	121.2	31.0	27.4	24.2	21.0	18.0	15.3	12.8	10.6	8.7	7.1	5.7	4474	8.7
9	HK-36	SanFrancisco	pizarra con disseminacion de pirita	940.7	29.1	25.7	22.8	19.8	17.1	14.5	12.2	10.1	8.3	6.7	5.4	4311	8.3
9	HK-36	SanFrancisco	pizarra con disseminacion de pirita	1209.5	20.7	18.1	15.4	13.1	11.1	9.4	7.9	6.6	5.5	4.5	3.6	4057	8.6
10	LI105	La Trinidad	riolita silicificada	45.0	57.9	50.4	44.0	37.8	32.3	27.4	23.1	19.3	16.0	13.1	10.7	325	16.0
10	LI105	La Trinidad	riolita silicificada	78.7	37.9	32.9	28.8	24.8	21.3	18.2	15.4	13.0	10.8	8.9	7.4	291	10.8
10	LI105	La Trinidad	riolita silicificada	108.9	37.9	32.6	28.0	23.7	19.9	16.6	13.8	11.3	9.3	7.6	6.1	258	9.3
11	LI104	La Trinidad	riolita brechada	6.1	30.5	25.2	20.0	14.8	9.9	6.2	4.1	2.5	1.7	1.1	0.9	60	1.7
11	LI104	La Trinidad	riolita brechada	9.7	12.5	11.1	9.7	8.4	6.5	5.0	3.3	2.0	1.7	1.1	1.4	51	1.7
11	LI104	La Trinidad	riolita brechada	12.1	3.6	3.4	2.7	2.2	2.0	1.4	1.3	1.0	0.9	0.5	0.2	31	0.9
12	LI101	La Trinidad	riolita silicificada	814.9	5.0	4.8	4.7	4.6	4.4	4.2	3.9	3.6	3.3	3.0	2.7	402	3.3
13	LI102	La Trinidad	riolita silicificada con veta de cu	12.1	10.8	8.7	7.3	5.9	4.8	3.9	3.2	2.7	2.1	1.7	1.4	58	2.1
13	LI102	La Trinidad	riolita silicificada con veta de cu	10.6	9.3	8.8	7.9	6.6	5.3	4.3	3.1	2.6	1.6	1.1	1.0	53	1.6
13	LI102	La Trinidad	riolita silicificada con veta de cu	14.8	6.0	5.0	4.1	3.4	2.9	2.6	2.0	1.7	1.3	1.0	0.9	46	1.3
14	LI301	La Trinidad	riolita silicificada	30.4	0.6	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.4	105	0.6
15	LI101	Los Cajones	riolita brechada	143.1	33.4	28.5	24.0	20.1	16.6	13.6	11.1	9.0	7.2	5.8	4.6	450	7.2
15	LI101	Los Cajones	riolita brechada	81.1	7.2	5.7	4.7	3.8	3.1	2.5	2.1	1.7	1.4	1.2	1.1	421	1.4
15	LI101	Los Cajones	riolita brechada	122.7	29.5	25.1	21.5	18.1	15.2	12.6	10.3	8.4	6.7	5.3	4.1	405	6.7
16	LI103A	Los Cajones	riolita brechada	25.3	253.9	223.5	194.9	165.2	140.0	116.5	96.1	78.5	63.5	50.9	40.8	88	63.5



No.	No. de Muestra	Localidad	Tipo de Roca	VP (mV/V)	VM (mV/V)	MG (mV/V)	MC (mV/V)	NC (mV/V)	NT (mV/V)	MS (mV/V)	MO (mV/V)	M11 (mV/V)	M12 (mV/V)	M13 (mV/V)	M14 (mV/V)	Rho (Ohm-m)	IP (mV/V)
16	LS102A	Los Cajones	riolita brechada	8.1	337.5	305.8	275.1	242.5	211.2	181.7	155.1	130.8	109.4	91.4	75.5	53	109.4
16	LS103A	Los Cajones	riolita brechada	5.8	402.8	367.4	332.6	295.1	258.6	223.9	191.8	162.9	137.8	114.9	98.9	84	137.8
17	LS103B	Los Cajones	riolita brechada	40.1	309.7	282.3	253.4	225.8	199.2	172.7	148.4	126.0	106.1	88.4	73.1	169	106.1
17	LS103B	Los Cajones	riolita brechada	33.1	280.1	254.8	230.6	205.5	185.5	161.8	139.4	120.4	100.4	84.0	70.0	58.1	149
18	LS103C	Los Cajones	riolita brechada	27.8	287.4	259.7	233.1	205.5	179.2	154.2	131.5	111.2	92.7	76.4	62.8	109	92.7
18	LS103C	Los Cajones	riolita brechada	27.0	356.1	323.5	291.4	257.4	224.9	193.7	165.5	139.7	117.2	97.4	80.4	115	117.2
18	LS103C	Los Cajones	riolita brechada	23.3	333.6	301.6	270.6	238.3	207.4	178.1	151.7	127.6	106.5	88.0	72.3	101	106.5
19	LS106	Los Cajones	riolita brechada	313.8	9.5	7.7	6.4	5.2	4.2	3.4	2.7	2.2	1.7	1.4	1.0	1709	1.7
19	LS106	Los Cajones	riolita brechada	557.3	10.3	8.4	7.0	5.7	4.7	3.8	3.1	2.4	2.0	1.5	1.2	1554	2.0
19	LS106	Los Cajones	riolita brechada	460.5	12.0	9.8	8.2	6.7	5.5	4.4	3.6	2.8	2.2	1.7	1.4	1491	2.2
20	TR204	Los Cajones, NF	riolita	503.1	16.0	13.7	11.8	10.0	8.4	6.9	5.7	4.6	3.7	2.9	2.3	2270	3.7
20	TR204	Los Cajones, NF	riolita	468.1	19.3	16.7	14.4	12.3	10.4	8.6	7.1	5.8	4.7	3.8	3.0	1588	4.7
21	TR301	Los Cajones, NF	riolita	379.8	12.6	10.7	9.1	7.7	6.4	5.2	4.2	3.4	2.7	2.1	1.7	1435	2.7
21	TR301	Los Cajones, NF	riolita	52.5	7.5	6.3	5.4	4.5	3.7	3.0	2.5	2.1	1.7	1.4	1.2	160	1.7
21	TR301	Los Cajones, NF	riolita	40.2	3.3	2.5	2.0	1.7	1.3	1.1	0.9	0.8	0.7	0.7	0.5	152	0.7
21	TR301	Los Cajones, NF	riolita	16.6	7.9	7.7	7.0	6.3	5.7	4.9	4.2	3.4	2.7	2.3	1.6	88	2.7
22	TR201	Los Cajones, NF	riolita brechada	293.1	48.4	42.8	37.8	32.7	28.1	23.7	19.9	16.5	13.6	11.1	9.0	1504	13.6
22	TR201	Los Cajones, NF	riolita brechada	58.6	11.0	9.6	8.5	7.4	6.4	5.6	4.8	4.0	3.5	2.8	2.3	267	3.5
22	TR201	Los Cajones, NF	riolita brechada	40.2	6.9	6.2	5.7	5.2	4.8	4.4	4.0	3.7	3.4	3.1	2.9	151	3.4
23	HK-19	La Trinidad	riolita brechada	87.1	34.4	28.9	24.3	20.2	16.6	13.5	10.8	8.6	6.8	5.3	4.1	728	6.8
23	HK-19	La Trinidad	riolita brechada	221.3	37.7	30.8	25.2	20.2	16.1	12.6	9.8	7.5	5.6	4.2	3.0	436	5.6
23	HK-19	La Trinidad	riolita brechada	208.6	41.0	34.2	28.5	23.4	19.0	15.3	12.2	9.7	7.6	5.9	4.5	419	7.6
24	HK-24	Niolas Bravo, NF	riolita silicificada	2339.3	9.8	8.2	6.9	5.7	4.6	3.7	3.0	2.3	1.8	1.3	1.0	4288	1.8
24	HK-24	Niolas Bravo, NF	riolita silicificada	413.8	9.7	8.0	6.7	5.5	4.4	3.5	2.7	2.1	1.6	1.1	0.8	3944	1.6
24	HK-24	Niolas Bravo, NF	riolita silicificada	1718.7	9.9	8.3	7.1	5.9	4.8	3.9	3.2	2.5	2.0	1.5	1.1	3106	2.0
25	HK-51	Las Pintas	riolita con veta de piritita	1180.0	17.3	14.9	12.9	10.9	9.2	7.6	6.2	5.0	4.0	3.2	2.5	5551	4.0
25	HK-51	Las Pintas	riolita con veta de piritita	1438.2	13.5	11.5	9.8	8.2	6.8	5.6	4.5	3.6	2.9	2.3	1.7	4941	2.9
25	HK-51	Las Pintas	riolita con veta de piritita	1016.8	14.8	12.5	10.7	8.9	7.4	6.0	4.9	3.9	3.1	2.4	1.8	4456	3.1
26	HK-56	Los Cajones	riolita brechada	588.2	10.4	8.6	7.2	5.9	4.8	3.9	3.1	2.4	1.9	1.4	1.1	3034	1.9
26	HK-56	Los Cajones	riolita brechada	393.2	7.3	5.6	4.4	3.3	2.4	1.7	1.3	1.0	0.7	0.4	0.1	1599	0.4
27	HK-59	Buenos Aires	riolita silicificada	1137.9	26.7	23.4	20.5	17.6	15.0	12.5	10.5	8.7	7.1	5.7	4.6	3134	7.1
27	HK-59	Buenos Aires	riolita silicificada	663.0	25.2	21.9	19.0	16.3	13.8	11.5	9.5	7.8	6.3	5.1	4.1	464	6.5
27	HK-59	Buenos Aires	riolita silicificada	1125.3	25.1	22.0	19.3	16.6	14.1	11.9	9.9	8.2	6.7	5.4	4.3	3735	6.7
28	HK-58	Tierra Blanca	riolita	1244.5	24.2	21.0	18.2	15.6	13.1	10.9	9.0	7.3	5.9	4.7	3.7	5002	5.9
28	HK-58	Tierra Blanca	riolita	1202.6	24.1	21.2	18.1	15.3	13.0	10.7	8.8	7.2	5.7	4.6	3.6	4787	5.7
28	HK-58	Tierra Blanca	riolita	1077.5	25.2	21.8	18.9	16.0	13.5	11.2	9.2	7.5	6.0	4.8	3.7	4297	6.0
29	LB304	La Trinidad	pizarra silicificada	172.9	87.4	77.3	68.1	59.0	50.7	43.0	36.3	30.3	25.1	20.6	16.9	1071	25.1
29	LB304	La Trinidad	pizarra silicificada	172.5	28.3	24.1	20.6	17.3	14.4	12.0	9.8	8.1	6.6	5.3	4.2	459	6.6
29	LB304	La Trinidad	pizarra silicificada	106.4	44.4	38.0	32.4	27.1	22.3	18.2	14.7	11.7	9.2	7.2	5.6	399	9.2
30	LB103	La Trinidad	pizarra silicificada	145.1	17.4	14.3	11.9	9.6	7.7	6.2	4.9	3.9	3.0	2.3	1.8	598	3.0

No.	No. de Muestra	Localidad	Tipo de Roca	VP (mV/V)	M4 (mV/V)	M5 (mV/V)	M6 (mV/V)	M7 (mV/V)	M8 (mV/V)	M9 (mV/V)	M10 (mV/V)	M11 (mV/V)	M12 (mV/V)	M13 (mV/V)	M14 (mV/V)	Rho (Ohm-cm)	IP (mV/V)
30	LS103	La Trinidad	pizarra silicificada	102.0	17.8	14.6	12.1	9.9	8.0	6.5	5.2	4.2	3.4	2.7	2.2	420	3.4
30	LS103	La Trinidad	pizarra silicificada	94.4	18.1	14.7	12.0	9.5	7.7	6.2	4.9	3.9	3.0	2.4	1.9	412	3.0
31	LS105	Los Cajones	pizarra	654.3	52.4	44.6	38.0	31.8	26.5	21.8	17.8	14.5	11.7	9.4	7.5	3814	11.7
31	LS105	Los Cajones	pizarra	345.7	65.7	56.2	48.1	40.5	33.7	27.9	22.9	18.6	15.1	12.1	9.7	1974	15.1
32	TR101	Los Cajones, NV	pizarra	330.3	104.2	91.1	79.5	68.2	58.0	48.9	40.9	33.9	28.0	23.0	18.8	1011	28.0
32	TR101	Los Cajones, NV	pizarra	161.9	6.8	5.3	4.2	3.3	2.6	2.0	1.6	1.2	1.0	0.8	0.7	443	1.0
32	TR101	Los Cajones, NV	pizarra	49.5	3.0	1.8	1.1	0.6	0.3	0.2	0.3	0.4	0.4	0.4	0.4	335	0.4
32	TR101	Los Cajones, NV	pizarra	37.4	2.0	1.0	0.4	0.4	-0.2	-0.2	-0.3	-0.2	-0.1	0.0	0.1	101	-0.1
33	HK-35	San Francisco	pizarra / arenisca silicificada	654.8	86.3	76.3	67.1	57.9	48.3	41.5	34.5	28.4	23.1	18.6	14.8	5251	28.1
33	HK-35	San Francisco	pizarra / arenisca silicificada	2100.3	75.0	66.0	57.8	49.6	42.1	35.3	29.3	24.1	19.6	15.7	12.5	4383	19.6
33	HK-35	San Francisco	pizarra / arenisca silicificada	1640.4	100.7	89.3	78.7	68.1	58.2	49.0	40.8	33.6	27.3	22.0	17.5	3804	27.3
34	HK-38	Nuevo Leon, NV	arenisca / pizarra psammitica	1087.3	50.0	42.7	36.4	30.5	25.2	20.6	16.7	13.4	10.6	8.3	6.5	4552	10.6
34	HK-38	Nuevo Leon, NV	arenisca / pizarra psammitica	995.0	63.5	54.3	46.3	38.7	32.0	26.1	21.1	16.8	13.3	10.4	8.1	4379	13.3
34	HK-38	Nuevo Leon, NV	arenisca / pizarra psammitica	698.0	81.7	69.6	59.0	48.9	40.0	32.3	25.9	20.5	15.0	12.4	9.6	2825	16.0
35	HK-43	Los Cajones	pizarra calcarea	45.7	114.6	100.4	87.6	75.2	63.8	53.5	44.5	36.5	29.7	23.9	19.1	172	29.7
35	HK-43	Los Cajones	pizarra calcarea	44.3	100.5	88.9	78.4	68.2	58.8	50.2	42.6	35.8	29.9	24.8	20.4	110	29.9
35	HK-43	Los Cajones	pizarra calcarea	197.2	139.8	123.6	108.8	94.0	80.4	68.0	57.1	47.4	39.1	32.0	25.9	1198	39.1
35	HK-43	Los Cajones	pizarra calcarea	35.4	284.7	261.3	238.5	214.1	190.4	167.3	145.9	125.9	107.9	91.7	77.4	114	107.9
36	HK-42F	Las Parotas	pizarra calcarea	8.8	236.3	226.0	215.2	202.4	180.3	159.1	138.7	120.0	102.9	87.7	77.4	41	120.0
36	HK-42F	Las Parotas	pizarra	237.8	122.6	103.5	86.7	70.8	57.0	45.2	35.4	27.8	20.9	15.7	11.7	1150	20.9
37	HK-42F	Las Parotas	pizarra	18.1	103.2	86.0	71.7	59.0	48.3	39.4	32.2	26.3	21.4	17.5	14.4	50	21.4
37	HK-42F	Las Parotas	pizarra	15.5	161.4	142.6	125.5	108.8	93.7	80.0	68.1	57.4	46.2	40.1	33.2	45	46.2
38	HK-63	San Francisco	arenisca con veta de cuarzo	3374.2	41.3	36.1	31.6	27.2	23.2	19.6	16.4	13.6	11.2	9.2	7.5	1589	11.3
38	HK-63	San Francisco	arenisca con veta de cuarzo	2916.1	27.4	23.8	20.7	17.8	15.1	12.7	10.6	8.8	7.2	5.9	4.7	1368	7.2
38	HK-63	San Francisco	arenisca con veta de cuarzo	2978.9	26.4	22.9	20.0	17.1	14.5	12.2	10.2	8.4	6.9	5.6	4.5	1309	6.9
39	HK-64	San Francisco	pizarra	7811.7	18.0	14.7	12.1	9.8	7.8	6.2	4.8	3.7	2.9	2.2	1.6	5751	2.9
39	HK-64	San Francisco	pizarra	3374.4	15.6	12.6	10.2	8.1	6.4	5.0	3.9	2.9	2.2	1.6	1.2	675	2.2
39	HK-64	San Francisco	pizarra	3389.6	14.8	11.9	9.7	7.7	6.1	4.8	3.7	2.9	2.2	1.7	1.2	759	2.2
40	HK-60	Nuevos Aires	pizarra calcarea	150.2	10.1	7.3	5.2	3.4	2.0	0.9	0.4	0.2	0.2	0.2	0.4	113	0.2
41	HK-65	Nuevo Leon	alt. arenisca y pizarra	5333.7	120.3	104.7	90.6	76.8	64.2	53.0	43.3	34.9	27.9	22.0	17.3	2434	27.9
41	HK-65	Nuevo Leon	alt. arenisca y pizarra	3049.6	142.7	125.3	109.4	93.5	79.0	65.8	54.3	44.2	35.7	28.6	22.7	1036	35.7
41	HK-65	Nuevo Leon	alt. arenisca y pizarra	2536.1	135.9	121.3	105.1	90.6	76.3	63.4	52.2	42.4	34.2	27.2	21.5	1008	34.2

TAB. II-2-18 RESULTADOS DE ANALISIS QUIMICO DE ESQUIRLAS DE ROCA (MJMC-5,6)

(1)

No.	No. de MUESTRA	No. de BARRENOS	PROFUNDIDAD (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Fe (%)	Mn (ppm)	Na (%)	K (%)	Ca (%)	Mg (%)	Ba (ppm)	S (%)
1	5C - 1	MJMC-5	15.00	0.02	3.83	143	117	507	2.57	53	0.09	1.21	0.07	0.30	405	0.06
2	5C - 2	MJMC-5	25.50	0.03	3.37	20	151	434	4.72	515	0.15	0.24	0.03	4.20	50	0.41
3	5C - 3	MJMC-5	32.60	0.13	3.10	380	70	266	4.74	279	0.08	0.09	0.02	2.88	24	2.14
4	5C - 4	MJMC-5	40.50	< 0.01	4.30	72	63	419	3.91	271	0.15	1.41	0.02	2.10	517	0.97
5	5C - 5	MJMC-5	50.00	0.06	11.40	126	333	1130	7.73	1070	0.14	0.13	1.44	5.35	21	3.47
6	5C - 6	MJMC-5	55.00	0.06	3.92	36	112	142	3.50	517	0.18	1.68	0.06	2.19	179	2.32
7	5C - 7	MJMC-5	60.00	0.05	3.47	16	90	97	1.96	866	0.20	1.59	0.60	3.07	280	0.33
8	5C - 8	MJMC-5	70.00	0.04	3.37	109	100	1660	2.14	418	0.24	1.80	0.08	1.92	561	1.02
9	5C - 9	MJMC-5	80.00	0.09	5.07	186	136	204	10.27	598	0.12	0.82	4.52	1.98	27	8.91
10	5C - 10	MJMC-5	90.00	< 0.01	3.50	101	184	668	1.83	566	0.71	1.24	1.61	1.80	319	1.07
11	5C - 11	MJMC-5	95.00	< 0.01	2.75	44	87	148	3.27	419	0.65	0.97	4.82	1.24	408	1.06
12	5C - 12	MJMC-5	100.00	0.05	2.80	55	87	208	3.90	355	1.31	1.89	2.88	1.36	403	1.34
13	5C - 13	MJMC-5	110.00	< 0.01	2.84	52	100	144	3.59	248	1.33	1.44	2.66	1.34	510	1.07
14	5C - 14	MJMC-5	120.00	0.03	2.80	49	112	148	4.21	317	1.73	1.86	1.05	1.60	454	1.17
15	5C - 15	MJMC-5	130.00	0.05	2.75	59	89	174	3.31	378	1.44	1.82	8.52	1.18	464	1.20
16	5C - 16	MJMC-5	140.00	0.05	4.89	63	102	193	4.41	297	1.32	2.54	1.24	1.75	538	1.22
17	5C - 17	MJMC-5	150.00	0.05	2.88	55	130	234	3.78	292	1.30	1.69	3.59	1.37	606	1.22
18	5C - 18	MJMC-5	160.00	0.04	2.93	58	856	196	4.20	195	2.38	1.82	0.44	0.79	290	1.89
19	5C - 19	MJMC-5	170.00	0.02	3.12	71	80	156	3.60	282	1.14	1.66	3.03	0.96	364	1.40
20	5C - 20	MJMC-5	180.00	0.02	6.19	64	90	169	4.13	231	0.24	2.16	1.47	1.11	493	1.47
21	5C - 21	MJMC-5	190.00	< 0.01	2.98	61	102	159	3.97	384	1.55	2.09	4.65	1.56	466	1.29
22	5C - 22	MJMC-5	200.00	0.04	2.76	38	78	120	3.36	415	0.44	0.78	7.98	3.10	256	0.98
23	5C - 23	MJMC-5	210.00	0.07	2.98	75	111	178	4.88	285	0.92	2.58	1.30	1.67	536	1.45
24	5C - 24	MJMC-5	220.00	0.05	2.98	50	82	186	3.66	370	1.01	1.77	4.53	1.26	383	1.49
25	5C - 25	MJMC-5	230.00	0.04	3.12	63	133	166	4.46	221	1.59	2.89	0.65	1.81	697	1.31
26	5C - 26	MJMC-5	240.00	0.02	2.98	89	104	217	3.96	378	1.88	1.91	2.39	1.26	547	1.25
27	5C - 27	MJMC-5	250.00	0.05	2.85	52	97	146	3.56	329	2.16	1.61	0.70	1.50	440	0.88
28	5C - 28	MJMC-5	270.00	0.15	< 0.01	42	105	174	4.49	879	0.45	0.62	11.13	3.54	270	0.94

(2)

No.	No. de MUESTRA	No. de BARRENOS	PROFUNDIDAD (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Fe (%)	Mn (ppm)	Na (%)	K (%)	Ca (%)	Mg (%)	Ba (ppm)	S (%)
29	50 - 29	MJMC-5	290.00	0.13 <	0.01	60	114	168	3.67	455	0.35	1.24	2.66	1.61	474	0.82
30	50 - 30	MJMC-5	310.00	0.05 <	0.01	36	66	98	1.68	502	0.51	0.72	12.66	0.93	254	0.51
31	50 - 31	MJMC-5	320.00	0.04 <	0.01	48	79	123	2.77	594	0.52	2.00	1.98	1.51	273	1.22
32	60 - 1	MJMC-6	28.00	0.19 <	0.01	23	53	31	0.67	40	0.12	0.58	0.08	0.42	162	0.02
33	60 - 2	MJMC-6	36.00	0.19 <	0.01	40	90	128	3.99	337	0.11	1.73	0.15	0.93	451	0.98
34	60 - 3	MJMC-6	45.00	0.21 <	0.01	49	108	115	3.52	345	0.29	0.80	0.15	1.14	507	0.46
35	60 - 4	MJMC-6	55.00	0.18 <	0.01	18	84	99	2.33	316	0.94	1.71	0.17	0.95	420	0.10
36	60 - 5	MJMC-6	65.00	0.24 <	0.01	38	120	118	5.43	664	0.17	1.35	0.25	2.37	568	0.30
37	60 - 6	MJMC-6	71.00	0.16	0.40	85	427	437	3.55	409	0.54	0.98	0.19	1.24	289	0.57
38	60 - 7	MJMC-6	75.70	0.22	3.66	41	86	104	2.46	458	0.16	1.11	0.98	1.19	369	0.59
39	60 - 8	MJMC-6	85.00	0.24 <	0.01	41	102	170	3.46	225	0.77	1.03	0.17	1.44	646	0.36
40	60 - 9	MJMC-6	95.00	0.17 <	0.01	54	98	125	4.58	321	0.51	1.90	0.25	1.56	172	0.96
41	60 - 10	MJMC-6	105.00	0.24	0.05	16	132	151	4.74	396	0.23	1.11	0.81	1.63	716	0.27
42	60 - 11	MJMC-6	115.00	0.15 <	0.01	25	84	87	2.18	306	0.04	0.75	2.42	3.38	188	0.44
43	60 - 12	MJMC-6	125.00	0.08	0.29	67	139	173	5.21	501	1.16	0.81	5.21	2.21	596	1.42
44	60 - 13	MJMC-6	135.00	0.12 <	0.01	50	119	137	3.99	521	1.00	0.74	3.99	1.80	483	0.88
45	60 - 14	MJMC-6	145.00	0.22 <	0.01	87	115	204	4.52	321	1.65	1.18	1.94	1.72	393	2.02
46	60 - 15	MJMC-6	155.00	0.19	0.15	74	126	189	4.90	346	1.23	1.04	1.82	2.08	572	1.32
47	60 - 16	MJMC-6	165.00	0.19 <	0.01	71	122	179	4.90	597	0.73	1.08	4.63	2.17	533	0.86
48	60 - 17	MJMC-6	175.00	0.15	0.05	75	136	190	4.70	325	1.32	1.23	1.24	2.18	576	1.54
49	60 - 18	MJMC-6	185.00	0.10 <	0.01	67	120	166	4.44	375	1.23	1.09	6.38	1.58	528	1.37
50	60 - 19	MJMC-6	195.00	0.13 <	0.01	66	115	172	3.57	374	0.77	1.19	4.19	1.38	556	1.09
51	60 - 20	MJMC-6	205.00	0.03 <	0.01	40	89	87	2.74	1500	0.56	1.04	19.28	1.09	277	0.84
52	60 - 21	MJMC-6	215.00	0.02	0.05	50	123	145	4.31	392	0.68	1.11	6.54	1.58	544	1.19
53	60 - 22	MJMC-6	225.00	0.20 <	0.01	65	130	178	4.59	389	0.84	0.93	3.67	2.20	562	0.93
54	60 - 23	MJMC-6	235.00	0.14	0.29	52	125	148	4.18	402	0.90	0.90	4.35	1.71	557	0.96
55	60 - 24	MJMC-6	245.00	0.08 <	0.01	85	113	206	3.74	305	1.48	1.08	2.57	1.66	500	1.34