

RELACIÓN DE MUESTRAS GEOQUÍMICAS – ICP

DUPLICADO



BLANCO



SECTOR POTRERO

N°	MUESTRA	Au g/m	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	21788	0.013	0.4	0.0	21.2	2.0	19.0	<0.5	<2	0.6	1.7	14.7	2.1	115.2	416.0	3.2	<10	<1	0.0	<0.7	0.1	2084.0	<1	0.0	5.0	74.0	<2	0.0	<2	29.0	<0.6	>2000	1.9	7.0	<0.001	<2	2.0	<10	37.0
2	21789	0.025	0.3	0.1	15.5	2.0	24.0	<0.5	<2	1.8	1.7	8.7	2.5	72.0	282.0	3.5	<10	<1	0.1	<0.7	0.2	3307.0	<1	0.0	5.0	65.0	<2	0.0	<2	19.0	<0.6	>2000	<0.3	6.8	<0.001	3.0	2.0	<10	15.0
3	51704	0.033	<0.2	0.2	8.3	<1	13.0	<0.5	<2	0.0	<0.5	1.5	2.8	9.2	239.0	1.3	<10	<1	0.1	<0.7	0.0	555.0	<1	<0.01	1.0	165.0	<2	0.0	<2	<1	<0.6	626.0	0.4	0.9	0.0	<2	3.0	<10	8.0
4	51705	0.970	2.6	0.6	162.9	<1	26.0	0.6	259.0	0.0	7.3	2.1	22.0	3.1	1200.0	>15000	19.0	<1	0.1	<0.7	0.0	588.0	4.0	<0.01	34.0	878.0	2.0	8.6	5.0	<1	2.7	>2000	0.6	<0.5	0.0	<2	9.0	<10	40.0
5	54191	0.025	<0.2	0.4	36.0	2.0	<5	<0.5	<2	6.0	6.0	12.0	1.0	10.0	602.0	0.1	0.0	<2	2.0	<0.7	0.2	3200.0	<5	<10	<5	<0.01	<2	7.2	<0.0005	<2	26.0	<2	0.2	<0.5	0.0	0.4	5.0	<10	75.0
6	54192	0.008	<0.2	0.3	11.0	2.0	<5	<0.5	<2	5.0	8.0	11.3	1.2	18.0	644.0	0.1	0.0	<2	3.0	<0.7	0.1	4321.0	<5	<10	<5	<0.01	<2	6.0	0.0	<2	26.0	<2	0.5	<0.5	0.0	0.4	7.0	<10	10.0

SECTOR LAGUNA TAPADA

N°	MUESTRA	Au g/m	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	51773	0.013	<0.2	0.8	7.9	<1	20.0	<0.5	<2	0.1	0.9	27.4	23.4	174.5	22.0	2.6	<10	<1	0.2	2.8	0.3	1069	<1	0.0	12.0	251.0	<2	0.1	<2	3.0	<0.6	>2000	<0.3	0.9	0.0	<2	5.0	<10	15.0
2	51774	0.005	<0.2	0.5	6.1	1.0	16.0	<0.5	<2	0.1	0.6	20.3	47.9	202.5	19.0	2.0	<10	<1	0.2	1.6	0.1	760.0	<1	0.0	12.0	256.0	<2	0.1	<2	2.0	<0.6	1146	<0.3	1.6	0.0	<2	5.0	<10	12.0
3	51775	0.008	<0.2	0.4	5.8	<1	15.0	<0.5	<2	0.1	0.6	17.8	51.1	190.9	16.0	1.8	<10	<1	0.2	1.3	0.1	647.0	<1	0.0	12.0	238.0	<2	0.2	<2	2.0	<0.6	1299	<0.3	1.5	0.0	<2	4.0	<10	8.0
4	51776	0.302	<0.2	0.2	13.9	<1	13.0	<0.5	<2	0.1	<0.5	30.1	11.8	220.4	541.0	0.7	<10	<1	0.1	<0.7	0.0	297.0	<1	0.0	8.0	97.0	<2	0.0	<2	<1	<0.6	890.0	<0.3	1.1	0.0	<2	2.0	<10	7.0
5	51777	0.040	0.6	0.3	16.8	<1	29.0	<0.5	<2	0.1	0.7	25.1	34.3	227.5	7.0	2.4	<10	<1	0.2	0.9	0.0	636.0	1.0	0.0	13.0	244.0	3.0	0.2	<2	3.0	<0.6	1157	<0.3	2.0	0.0	<2	5.0	<10	12.0
6	51778	0.330	<0.2	0.2	3.6	1.0	10.0	<0.5	<2	0.1	<0.5	18.3	4.5	204.9	1145.0	0.6	<10	<1	0.2	<0.7	0.0	112.0	<1	0.0	6.0	136.0	<2	0.1	<2	<1	<0.6	596.0	<0.3	1.7	0.0	<2	3.0	<10	10.0
7	51779	0.240	<0.2	0.3	3.9	<1	23.0	<0.5	<2	0.1	<0.5	53.7	7.0	169.7	204.0	1.3	<10	<1	0.2	<0.7	0.0	443.0	<1	0.0	7.0	286.0	<2	0.0	<2	2.0	<0.6	1071	<0.3	2.2	0.0	<2	3.0	<10	11.0
8	51780	0.775	<0.2	0.2	11.6	2.0	38.0	<0.5	<2	0.7	<0.5	59.3	19.1	212.0	2020.0	1.0	<10	<1	0.2	<0.7	0.0	778.0	<1	<0.01	9.0	244.0	<2	0.1	<2	2.0	<0.6	942.0	<0.3	4.8	0.0	<2	4.0	<10	8.0
9	51781	0.130	<0.2	0.3	17.7	2.0	55.0	<0.5	<2	0.3	1.4	33.0	7.9	175.0	1439.0	4.0	<10	<1	0.3	<0.7	0.0	1775	3.0	0.0	8.0	439.0	<2	0.1	<2	2.0	<0.6	1578	1.5	4.5	0.0	<2	<1	<10	9.0
10	51810	0.283	<0.4	0.2	6.2	1.0	16.0	<0.5	<2	0.0	<0.7	13.1	3.0	45.4	356.0	0.8	<10	<7	0.1	<0.8	0.0	254.0	3.0	<0.01	6.0	109.0	3.0	0.0	<2	<8	<2	1504.0	<4.6	1.0	0.0	<10	3.0	<10	9.0
11	51811	1.813	0.5	0.4	7.8	<1	14.0	<0.5	8.0	2.6	<0.7	36.4	14.6	42.8	6889.0	2.0	<10	<7	0.2	0.9	0.1	1340.0	<2	0.0	9.0	239.0	2.0	0.6	<2	<8	<2	6272.0	<4.6	7.3	0.0	<10	8.0	<10	9.0
12	51812	2.648	1.0	0.2	21.7	<1	25.0	<0.5	9.0	0.5	1.6	37.7	17.0	38.4	16112.0	5.0	<10	<7	0.1	<0.8	0.1	3592.0	3.0	<0.01	12.0	37.0	<2	1.4	<2	9.0	<2	9534.0	<4.6	1.0	0.0	<10	<1	<10	11.0
13	51813	0.068	<0.4	0.3	16.6	<1	14.0	<0.5	<2	0.1	<0.7	29.6	9.3	23.5	1681.0	0.6	<10	<7	0.2	<0.8	0.0	182.0	<2	0.0	4.0	351.0	3.0	0.1	<2	<8	<2	4054.0	<4.6	2.4	0.0	<10	4.0	<10	8.0
14	51814	0.393	<0.4	0.6	70.6	5.0	27.0	<0.5	<2	0.1	<0.7	40.0	50.4	27.4	1874.0	1.4	<10	<7	0.3	0.8	0.0	276.0	<2	0.0	14.0	513.0	2.0	0.1	<2	<8	<2	6413.0	<4.6	3.5	0.0	<10	7.0	<10	8.0
15	51815	1.385	<0.4	0.2	91.0	3.0	15.0	<0.5	5.0	0.1	0.7	32.0	26.0	23.2	7649.0	2.1	<10	<7	0.1	<0.8	0.0	621.0	3.0	<0.01	8.0	163.0	3.0	0.3	<2	<8	<2	4054.0	<4.6	<0.5	0.0	<10	9.0	<10	9.0
16	51816	0.058	<0.4	0.5	16.3	<1	25.0	0.8	<2	0.2	<0.7	47.9	3.6	14.2	112.0	0.4	<10	<7	0.4	<0.8	0.0	40.0	2.0	<0.01	3.0	666.0	3.0	0.1	<2	<8	<2	4332.0	<4.6	2.9	0.0	<10	6.0	<10	5.0
17	51817	6.260	<0.4	0.2	8.9	<1	11.0	<0.5	<2	0.0	<0.7	21.2	4.4	39.6	72.0	0.8	<10	<7	0.1	<0.8	0.0	181.0	6.0	0.0	6.0	41.0	18.0	<0.01	<2	<8	<2	1178.0	<4.6	<0.5	<0.001	<10	4.0	<10	9.0
18	51818	0.007	<0.4	0.1	<3.6	<1	8.0	<0.5	<2	0.0	<0.7	12.3	1.2	44.0	12.0	0.4	<10	<7	0.1	<0.8	0.0	61.0	3.0	0.0	5.0	39.0	<2	<0.01	<2	<8	<2	2369.0	<4.6	0.7	<0.001	<10	<1	<10	4.0
19	51819	0.023	<0.4	0.3	4.5	10.0	16.0	<0.5	<2	0.0	<0.7	11.8	17.9	40.0	553.0	2.3	<10	<7	0.1	1.1	0.0	2029.0	<2	0.0	12.0	43.0	<2	0.0	<2	17.0	<2	3480.0	<4.6	0.5	0.0	<10	9.0	<10	7.0
20	51645	0.010	<0.2	0.6	<1.5	<1	6.0	<0.5	<2	13.7	0.6	29.8	12.9	59.8	2.0	1.3	<10	<1	0.1	5.8	0.3	2808.0	<1	0.0	11.0	163.0	<2	0.1	<2	22.0	<0.6	1823.0	2.1	65.5	0.0	3.0	35.0	14.0	14.0
21	51648	0.025	0.4	0.8	<1.5	<1	2.0	<0.5	<2	0.8	0.7	0.9	6.8	161.0	3443.0	1.9	<10	<1	0.0	5.2	0.7	318.0	<1	0.0	15.0	45.0	<2	0.2	2.0	2.0	<0.6	>2000	0.8	3.6	0.0	<2	43.0	<10	20.0
22	51649	0.013	0.3	1.3	<1.5	<1	5.0	<0.5	3.0	0.9	1.2	4.6	15.9	177.8	3314.0	3.1	<10	<1	0.0	8.2	1.3	643.0	<1	0.1	28.0	173.0	<2	0.4	2.0	6.0	>2000	4.8	3.3	0.0	<2	79.0	<10	34.0	
23	51650	0.018	0.6	1.1	<1.5	<1	5.0	<0.5	<2	1.0	1.1	5.2	13.8	193.3	3617.0	2.8	<10	<1	0.0	6.7	1.1	645.0	<1	0.0	23.0	149.0	<2	0.3	<2	5.0	<0.6	>2000	0.6	4.7	0.0	<2	68.0	<10	31.0
24	51763	0.418	0.2	0.1	7.6	<1	12.0	<0.5	<2	0.4	<0.5	19.4	4.5	13.0	767.0	0.8	<10	<1	0.1	<0.7	0.0	151.0	<1	<0.01	3.0	214.0	<2	0.0	<2	<1	1.1	547.0	<0.3	<0.5	<0.001	<2	3.0	<10	9.0
25	51764	0.111	0.5	0.1	5.5	<1	30.0	<0.5	<2	0.4	<0.5	20.6	11.0	10.3	533.0	0.7	<10	<1	0.1	<0.7	0.0	323.0	<1	<0.01	1.0	154.0	<2	0.1	2.0	<1	<0.6	539.0	<0.3	0.5	<0.001	<2	2.0	<10	7.0
26	51765	0.007	<0.2	0.3	11.9	<1	37.0	<0.5	<2	0.2	<0.5	37.5	11.0	9.4	22.0	1.4	<10	<1	0.1	0.9	0.1	828.0	<1	0.0	5.0	666.0	<2	0.1	<2	4.0	1.4	703.0							

45	51791	0.102	1.4	0.2	14.4	<1	14.0	<0.5	243.0	0.0	1.2	12.6	3.6	112.7	22200.0	3.7	<10	<1	0.1	<0.7	0.0	61.0	<1	<0.01	5.0	153.0	<2	1.9	<2	<1	<0.6	1 226	<0.3	<0.5	<0.001	<2	<1	<10	36.0
46	51807	0.015	<0.4	0.4	31.9	1.0	28.0	<0.5	<2	0.1	<0.7	140.3	13.7	27.2	81.0	0.6	<10	<7	0.3	<0.8	0.0	248.0	2.0	<0.01	11.0	246.0	3.0	0.0	<2	<8	<2	3246.0	<4.6	3.4	0.0	<10	2.0	<10	9.0
47	51808	0.013	<0.4	0.5	<3.6	<1	13.0	<0.5	<2	0.1	<0.7	7.9	2.0	7.0	19.0	0.4	<10	<7	0.2	5.7	0.3	74.0	<2	2.2	3.0	107.0	5.0	0.0	<2	<8	<2	6108.0	<4.6	14.6	0.0	<10	9.0	<10	14.0
48	51820	0.005	<0.4	0.2	7.5	<1	112.0	<0.5	<2	0.1	<0.7	18.1	4.9	24.9	12.0	0.7	<10	<7	0.1	<0.8	0.0	732.0	<2	0.0	8.0	219.0	6.0	0.0	<2	<8	<2	1323.0	<4.6	4.3	0.0	<10	<1	<10	14.0
49	51821	0.007	<0.4	0.3	30.0	3.0	85.0	<0.5	<2	0.0	<0.7	53.1	14.9	20.8	289.0	1.0	<10	<7	0.1	<0.8	0.0	1010.0	2.0	0.0	5.0	230.0	2.0	<0.01	<2	<8	<2	2176.0	<4.6	2.6	0.0	<10	<1	<10	6.0
50	51822	0.030	<0.4	0.2	19.0	2.0	53.0	<0.5	40.0	0.0	<0.7	27.1	3.2	23.2	1831.0	1.8	<10	<7	0.1	<0.8	0.0	96.0	<2	0.0	4.0	211.0	3.0	0.1	<2	<8	<2	2927.0	<4.6	1.1	0.0	<10	<1	<10	6.0
51	51823	0.007	<0.4	0.2	57.8	<1	38.0	<0.5	<2	0.0	<0.7	11.7	5.3	33.5	54.0	1.0	<10	<7	0.1	<0.8	0.0	465.0	3.0	0.0	5.0	98.0	<2	<0.01	<2	<8	<2	1820.0	7.4	1.1	0.0	<10	3.0	<10	6.0
52	51809	0.128	<0.4	0.4	42.6	<1	30.0	<0.5	<2	0.0	<0.7	10.4	12.7	40.1	3687.0	2.4	<10	<7	0.2	1.4	0.0	911.0	3.0	0.0	7.0	161.0	<2	0.3	<2	<8	<2	16584.0	<4.6	1.3	0.0	<10	13.0	<10	11.0
53	51824	0.007	<0.4	0.2	38.1	<1	47.0	<0.5	<2	0.0	<0.7	27.5	20.3	36.3	94.0	0.6	<10	<7	0.1	<0.8	0.0	453.0	3.0	0.0	8.0	158.0	3.0	0.0	<2	<8	<2	2993.0	<4.6	1.6	0.0	<10	1.0	<10	6.0
54	51825	0.008	<0.4	0.2	38.6	3.0	42.0	<0.5	<2	0.0	<0.7	26.3	18.2	26.7	112.0	0.6	<10	<7	0.1	<0.8	0.0	495.0	3.0	0.0	8.0	154.0	<2	<0.01	<2	<8	<2	1659.0	<4.6	1.6	0.0	<10	1.0	<10	7.0

SECTOR LAGUNA NEGRA

N°	MUESTRA	Au g/tm	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	21765	0.017	<0.2	0.2	7.0	2.0	19.0	<0.5	<2	0.0	<0.5	91.1	3.6	81.2	<1	0.6	<10	<1	0.2	<0.7	0.0	44.0	<1	0.0	3.0	328.0	<2	0.0	<2	<1	<0.6	517.0	2.5	2.1	0.0	<2	3.0	<10	7.0
2	21767	0.018	<0.2	0.2	2.0	1.0	10.0	<0.5	<2	0.0	<0.5	18.8	2.9	130.5	2.0	0.3	<10	<1	0.2	<0.7	0.0	40.0	<1	0.0	4.0	57.0	<2	0.0	<2	<1	<0.6	572.0	<0.3	1.8	<0.001	<2	2.0	<10	4.0
3	21768	0.015	<0.2	0.2	7.4	2.0	9.0	<0.5	<2	0.0	0.6	25.8	4.0	91.8	<1	0.9	<10	<1	0.1	<0.7	0.0	63.0	<1	0.0	4.0	202.0	<2	0.0	<2	1.0	<0.6	473.0	1.3	<0.5	<0.001	<2	2.0	<10	6.0
4	21764	0.018	<0.2	0.2	6.5	2.0	15.0	<0.5	<2	0.4	<0.5	31.8	6.1	85.5	<1	0.3	<10	<1	0.2	<0.7	0.0	277.0	<1	0.0	4.0	329.0	<2	0.0	<2	1.0	<0.6	525.0	<0.3	3.7	0.0	<2	2.0	<10	7.0
5	21766	0.052	<0.2	0.1	10.2	3.0	9.0	<0.5	<2	0.0	<0.5	17.4	3.1	111.6	<1	0.3	<10	<1	0.1	<0.7	0.0	48.0	<1	0.0	4.0	118.0	<2	0.0	<2	<1	2.0	597.0	<0.3	1.3	<0.001	<2	1.0	<10	6.0
6	21769	0.008	<0.2	0.3	9.1	2.0	11.0	<0.5	<2	0.0	0.5	43.8	6.8	86.7	<1	0.8	<10	<1	0.1	<0.7	0.0	199.0	<1	0.0	3.0	314.0	<2	0.0	<2	1.0	<0.6	764.0	<0.3	0.5	0.0	<2	3.0	<10	4.0
7	21772	0.023	<0.2	0.1	6.4	2.0	9.0	<0.5	<2	0.1	<0.5	14.7	5.1	123.8	129.0	0.4	<10	<1	0.1	<0.7	0.0	174.0	<1	0.0	4.0	154.0	<2	0.0	<2	<1	<0.6	535.0	1.3	1.6	<0.001	3.0	1.0	<10	6.0
8	21781	0.017	<0.2	0.2	2.9	3.0	14.0	<0.5	<2	0.2	<0.5	15.7	10.0	102.2	43.0	1.0	<10	<1	0.2	<0.7	0.1	453.0	<1	0.0	5.0	270.0	<2	0.1	<2	3.0	<0.6	525.0	2.5	2.8	<0.001	<2	2.0	<10	8.0
9	21783	0.012	<0.2	0.3	<1.5	4.0	12.0	<0.5	<2	0.2	<0.5	5.9	1.7	15.4	18.0	0.3	<10	<1	0.2	4.9	0.2	52.0	<1	2.0	2.0	80.0	<2	0.1	<2	<1	<0.6	659.0	<0.3	12.9	0.0	<2	8.0	<10	11.0
10	21770	0.017	<0.2	0.1	6.5	2.0	6.0	<0.5	<2	0.0	<0.5	6.5	9.5	112.2	33.0	0.4	<10	<1	0.1	<0.7	0.0	28.0	<1	<0.01	4.0	56.0	S/R	0.0	S/R	<1	<0.6	472.0	S/R	1.0	<0.001	<2	2.0	<10	6.0
11	21773	0.013	1.1	0.1	3.3	2.0	3.0	<0.5	3.0	13.6	5.0	5.6	10.8	7.8	7630.0	12.4	<10	<1	0.0	<0.7	4.0	6186.0	<1	0.0	6.0	22.0	<2	0.7	<2	27.0	1.2	1269.0	<0.3	173.4	<0.001	<2	7.0	<10	35.0
12	21771	0.008	0.4	0.2	7.4	2.0	14.0	<0.5	<2	0.0	0.7	36.2	7.2	114.2	25.0	1.3	<10	<1	0.1	<0.7	0.1	167.0	2.0	<0.01	5.0	197.0	<2	0.0	<2	2.0	<0.6	645.0	<0.3	<0.5	0.0	<2	4.0	<10	6.0
13	53540	0.013	<0.2	1.2	8.9	<1	16.0	<0.5	<2	0.0	1.4	74.5	11.3	84.6	<1	3.5	<10	<1	0.2	3.9	0.5	147.0	<1	<0.01	6.0	632.0	<2	0.0	3.0	3.0	<0.6	913.0	1.7	<0.5	<0.001	<2	9.0	<10	12.0
14	21786	0.313	1.7	0.1	3.9	1.0	9.0	<0.5	308.0	0.2	2.7	6.6	5.7	112.2	>10000	4.6	<10	<1	0.1	<0.7	0.1	134.0	2.0	0.0	9.0	162.0	46.0	2.9	<2	<1	<0.6	1117.0	5.2	3.3	0.0	<2	10.0	<10	105.0
15	21787	0.022	<0.2	0.1	2.2	<1	7.0	<0.5	<2	0.0	<0.5	40.2	5.9	87.8	63.0	0.4	<10	<1	0.1	<0.7	0.0	65.0	<1	0.0	3.0	217.0	<2	0.0	<2	<1	<0.6	404.0	<0.3	<0.5	<0.001	<2	1.0	<10	9.0
16	21774	0.230	<0.2	1.2	2.5	1.0	12.0	0.7	3.0	1.8	1.1	4.0	13.7	91.2	1175.0	2.2	<10	<1	0.2	9.2	1.1	560.0	<1	0.0	9.0	155.0	<2	0.2	<2	5.0	<0.6	817.0	<0.3	7.4	0.0	<2	36.0	<10	16.0
17	21775	0.200	<0.2	1.4	4.6	2.0	12.0	0.8	<2	1.5	1.1	4.1	14.5	102.5	1225.0	2.5	<10	<1	0.2	11.1	1.2	496.0	<1	0.0	12.0	171.0	<2	0.2	<2	6.0	<0.6	852.0	1.8	7.0	0.0	<2	42.0	<10	20.0
18	21776	0.038	<0.2	0.5	620.9	1.0	21.0	<0.5	<2	2.1	1.0	24.0	7.4	61.9	90.0	1.8	<10	<1	0.2	4.2	0.2	450.0	5.0	0.0	7.0	480.0	25.0	1.0	3.0	<0.6	857.0	<0.3	14.9	0.0	2.0	17.0	<10	45.0	
19	21778	2.621	<0.2	0.2	51.4	1.0	21.0	0.5	3.0	1.4	<0.5	26.3	3.6	79.2	28.0	0.8	<10	<1	0.2	<0.7	0.1	296.0	2.0	0.0	5.0	394.0	<2	0.4	<2	<1	<0.6	637.0	<0.3	9.9	0.0	3.0	2.0	<10	8.0
20	21779	0.270	<0.2	0.3	55.6	1.0	25.0	0.6	<2	1.2	0.5	29.1	6.2	56.6	107.0	0.9	<10	<1	0.4	<0.7	0.1	282.0	1.0	0.0	5.0	533.0	4.0	0.6	<2	1.0	<0.6	601.0	3.7	8.7	0.0	<2	3.0	<10	9.0
21	21780	0.060	<0.2	0.4	488.8	2.0	23.0	0.6	<2	1.1	1.0	29.3	6.6	45.3	153.0	1.7	<10	<1	0.2	3.7	0.3	271.0	3.0	<0.01	6.0	641.0	23.0	0.6	<2	3.0	<0.6	586.0	<0.3	11.8	<0.001	<2	10.0	<10	24.0
22	21784	0.012	<0.2	0.1	15.5	<1	21.0	<0.5	<2	0.9	0.8	8.6	4.7	101.0	18.0	1.8	<10	<1	0.1	<0.7	0.2	929.0	2.0	0.0	4.0	<10	<2	0.0	<2	4.0	<0.6	665.0	<0.3	8.0	<0.001	2.0	3.0	<10	9.0
23	53626	0.047	<0.2	1.3	10.6	2.0	16.0	0.9	2.0	3.0	0.6	5.2	14.6	72.4	868.0	2.7	<10	<1	0.3	8.7	1.3	651.0	<1	0.0	12.0	241.0	4.0	0.2	<2	5.0	<0.6	947.0	5.1	20.3	0.0	<2	37.0	<10	
24	53627	0.017	0.2	4.7	10.7	3.0	16.0	1.6	3.0	4.5	2.5	14.0	31.2	146.4	122.0	11.1	18.0	1.0	0.3	34.0	3.4	1101.0	<1	0.0	29.0	378.0	3.0	0.3	<2	14.0	<0.6	>							

44	53647	0.082	<0.2	0.5	30.6	2.0	36.0	<0.5	2.0	1.5	<0.5	32.5	4.9	59.4	18.0	1.5	<10	<1	0.4	1.5	0.1	232.0	5.0	0.0	7.0	713.0	15.0	0.9	<2	1.0	<0.6	1721.0	3.0	8.2	0.0	<2	8.0	<10
45	53648	0.193	<0.2	0.4	66.1	1.0	34.0	<0.5	<2	2.1	<0.5	21.0	4.9	90.3	19.0	1.3	<10	<1	0.4	1.8	0.1	348.0	4.0	0.0	6.0	524.0	8.0	0.6	<2	1.0	<0.6	1779.0	5.8	11.1	0.0	<2	6.0	<10
46	53649	0.033	<0.2	0.8	39.4	<1	37.0	0.6	<2	0.7	<0.5	25.1	6.9	47.0	8.0	2.2	<10	<1	0.4	2.6	0.3	232.0	2.0	0.0	8.0	736.0	7.0	0.7	<2	1.0	<0.6	1821.0	2.1	5.9	0.0	<2	14.0	<10
47	53650	0.090	<0.2	0.7	45.1	<1	37.0	0.5	<2	0.9	<0.5	30.9	6.0	73.5	17.0	2.0	<10	<1	0.4	2.4	0.2	250.0	2.0	0.0	7.0	729.0	5.0	0.7	<2	1.0	<0.6	>2.000	4.1	6.4	0.0	<2	14.0	<10
48	54189	1.552	<0.2	0.3	14.8	1.0	16.0	0.5	<2	0.9	<0.5	23.4	2.2	94.2	12.0	2.5	<10	<1	0.5	2.6	0.4	300.0	<1	0.0	8.0	945.0	4.0	0.5	<2	2.0	<0.6	1431.0	2.2	10.0	0.0	<2	14.0	<10
49	54190	0.531	<0.2	0.5	11.5	3.0	27.0	0.9	<2	1.6	<0.5	53.4	2.4	94.2	712.4	0.7	<10	<1	0.4	<0.7	0.2	351.0	3.0	0.0	5.0	703.0	3.0	0.1	<2	1.0	<0.6	1131.0	4.5	13.8	0.0	<2	4.0	<10

SECTOR EL BRONCE

N°	MUESTRA	Au_g/tm	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	21757	0.023	0.5	0.6	2.2	3.0	21.0	<0.5	<2	2.8	0.8	55.8	9.1	83.0	24.0	1.7	<10	<1	0.1	2.7	0.2	5965.0	<1	<0.01	14.0	74.0	2.0	0.0	<2	52.0	<0.6	1138.0	4.1	12.0	0.0	<2	26.0	<10	13.0
2	21758	0.011	<0.2	0.4	<1.5	4.0	10.0	<0.5	<2	0.1	<0.5	6.7	1.5	21.7	10.0	0.3	<10	<1	0.2	5.0	0.2	63.0	<1	2.5	2.0	106.0	4.0	0.0	<2	<1	<0.6	1280.0	<0.3	12.5	0.0	<2	9.0	<10	11.0
3	21759	0.015	<0.2	0.5	3.5	3.0	11.0	<0.5	<2	0.1	0.7	9.0	7.3	166.8	13.0	1.3	<10	<1	0.2	2.1	0.1	1013.0	<1	0.0	13.0	117.0	5.0	0.0	<2	8.0	<0.6	985.0	0.6	<0.5	0.0	<2	21.0	<10	11.0
4	21760	0.018	<0.2	0.3	4.2	2.0	31.0	0.5	<2	0.1	<0.5	25.7	4.6	120.1	9.0	0.5	<10	<1	0.2	<0.7	0.0	2774.0	<1	0.0	5.0	127.0	5.0	0.0	<2	21.0	<0.6	1076.0	1.4	1.3	0.0	<2	13.0	<10	8.0
5	21761	0.043	<0.2	0.2	4.1	3.0	17.0	<0.5	<2	0.1	0.5	6.7	3.8	103.3	2.0	1.1	<10	<1	0.1	0.9	0.0	1129.0	<1	0.0	6.0	86.0	5.0	0.0	<2	10.0	<0.6	817.0	0.4	<0.5	0.0	3.0	11.0	<10	9.0
6	53515	0.007	<0.2	1.1	31.6	8.0	70.0	2.3	<2	0.0	1.9	7.5	46.6	36.4	237.0	7.8	<10	<1	0.4	3.0	0.3	2575.0	<1	<0.01	43.0	467.0	3.0	0.0	3.0	18.0	<0.6	>2.000	1.4	<0.5	0.0	<2	66.0	<10	
7	53516	0.005	<0.2	0.1	<1.5	2.0	15.0	<0.5	<2	0.1	<0.5	1.8	1.8	197.7	5.0	1.2	<10	<1	0.1	<0.7	0.0	1522.0	<1	0.0	5.0	27.0	<2	0.0	<2	2.0	<0.6	881.0	0.9	<0.5	<0.001	<2	7.0	<10	
8	53517	0.005	<0.2	0.2	<1.5	1.0	12.0	<0.5	<2	0.2	0.5	3.7	11.2	119.0	8.0	2.6	<10	<1	0.1	<0.7	0.0	3364.0	<1	<0.01	7.0	38.0	<2	0.0	<2	4.0	<0.6	1262.0	8.3	1.1	<0.001	<2	10.0	<10	
9	53518	0.021	<0.2	1.5	<1.5	1.0	9.0	0.8	<2	0.1	1.4	4.4	63.1	136.6	4.0	4.9	<10	<1	0.3	5.4	0.6	2043.0	<1	0.0	41.0	152.0	<2	0.2	<2	6.0	<0.6	>2.000	4.2	<0.5	0.0	<2	55.0	<10	
10	53519	0.067	<0.2	0.3	<1.5	2.0	14.0	<0.5	<2	0.0	0.6	14.8	5.3	114.8	59.0	2.1	<10	<1	0.2	<0.7	0.0	2099.0	<1	<0.01	6.0	18.0	<2	0.0	<2	4.0	<0.6	1036.0	0.7	<0.5	0.0	<2	12.0	<10	
11	53520	0.013	<0.2	0.7	<1.5	2.0	15.0	0.8	<2	0.1	<0.5	21.9	16.4	91.3	22.0	2.1	<10	<1	0.4	1.0	0.1	2687.0	<1	0.0	8.0	74.0	<2	0.1	<2	10.0	<0.6	1049.0	2.2	<0.5	0.0	<2	22.0	<10	
12	53521	0.013	<0.2	0.2	4.7	2.0	6.0	0.5	<2	3.4	<0.5	99.8	3.9	140.9	14.0	1.3	<10	1.0	0.2	<0.7	0.0	5883.0	<1	<0.01	6.0	78.0	<2	0.0	<2	21.0	<0.6	885.0	3.2	16.6	0.0	3.0	9.0	<10	
13	53522	0.013	<0.2	0.3	<1.5	1.0	6.0	0.5	<2	3.7	<0.5	101.5	4.6	181.8	16.0	1.2	<10	<1	0.2	<0.7	0.0	6196.0	<1	0.0	6.0	76.0	<2	0.0	<2	21.0	<0.6	986.0	<0.3	18.2	0.0	<2	11.0	<10	
14	53523	0.010	0.2	0.2	2.8	<1	2.0	0.5	<2	<0.001	<0.5	68.8	4.5	18.2	5.0	0.5	<10	<1	0.1	<0.7	0.1	3694.0	<1	0.0	3.0	30.0	5.0	0.1	<2	14.0	<0.6	693.0	<0.3	120.8	<0.001	<2	6.0	<10	
15	53524	0.015	<0.2	0.4	3.1	1.0	9.0	0.5	<2	0.1	<0.5	50.1	21.2	113.7	4.0	1.6	<10	<1	0.2	1.1	0.1	4087.0	<1	0.0	9.0	83.0	<2	0.1	<2	12.0	<0.6	741.0	4.0	<0.5	0.0	<2	16.0	<10	
16	53525	0.008	<0.2	0.1	1.9	2.0	13.0	<0.5	<2	0.5	<0.5	5.2	3.6	123.9	80.0	1.2	<10	<1	0.1	<0.7	0.0	1777.0	<1	<0.01	9.0	30.0	<2	0.0	<2	2.0	<0.6	861.0	2.5	1.6	<0.001	<2	8.0	<10	
17	53526	0.013	<0.2	0.1	<1.5	1.0	3.0	<0.5	<2	11.3	<0.5	25.3	1.8	60.6	7.0	0.3	<10	<1	0.0	<0.7	0.0	2460.0	<1	<0.01	3.0	18.0	2.0	0.0	<2	7.0	<0.6	712.0	1.1	52.0	<0.001	<2	3.0	<10	
18	53527	0.012	<0.2	0.1	<1.5	1.0	5.0	<0.5	<2	0.0	<0.5	6.6	1.1	116.8	20.0	0.4	<10	<1	0.1	<0.7	0.0	271.0	<1	<0.01	8.0	<10	<2	0.0	<2	<1	<0.6	450.0	<0.3	8.0	<0.001	<2	3.0	<10	
19	53528	0.013	<0.2	1.4	1.6	3.0	4.0	0.6	<2	8.0	1.1	28.6	18.6	96.7	2.0	3.5	<10	<1	0.2	5.9	0.8	2476.0	<1	0.0	24.0	207.0	<2	0.1	<2	9.0	<0.6	>2.000	0.9	34.8	0.0	<2	60.0	<10	
20	53529	0.017	<0.2	0.6	5.0	3.0	9.0	<0.5	<2	0.0	<0.5	7.7	7.1	237.1	38.0	1.8	<10	<1	0.2	1.2	0.1	1205.0	1.0	<0.01	18.0	63.0	<2	0.0	<2	5.0	<0.6	730.0	<0.3	0.5	0.0	2.0	22.0	<10	
21	53530	0.012	<0.2	0.4	<1.5	<1	9.0	<0.5	<2	0.0	<0.5	5.8	6.2	122.6	32.0	1.6	<10	<1	0.1	1.1	0.1	1742.0	<1	<0.01	7.0	38.0	<2	0.0	<2	4.0	1.7	1107.0	0.3	<0.5	0.0	<2	17.0	<10	
22	53531	0.012	<0.2	0.7	5.4	3.0	11.0	0.7	<2	0.0	0.9	18.2	23.1	106.9	4.0	3.4	<10	<1	0.3	1.2	0.1	2555.0	<1	<0.01	16.0	129.0	<2	0.0	<2	11.0	<0.6	1077.0	2.1	<0.5	0.0	<2	29.0	<10	
23	53532	0.018	0.3	0.7	6.0	1.0	42.0	0.6	<2	0.1	<0.5	225.2	12.9	104.9	12.0	2.9	<10	<1	0.3	<0.7	0.0	18428.0	<1	<0.01	7.0	265.0	4.0	0.0	<2	71.0	<0.6	1355.0	1.6	4.8	0.0	5.0	32.0	<10	
24	53533	0.022	<0.2	0.3	<1.5	3.0	8.0	<0.5	<2	0.1	<0.5	4.6	1.0	6.1	9.0	0.3	<10	<1	0.1	4.7	0.2	47.0	<1	3.0	<1	89.0	3.0	0.1	<2	<1	<0.6	1188.0	0.3	9.4	0.0	<2	7.0	<10	
25	53534	0.025	<0.2	0.2	<1.5	<1	21.0	<0.5	<2	0.0	<0.5	3.4	1.7	94.2	11.0	0.5	<10	<1	0.2	<0.7	0.0	1565.0	<1	<0.01	3.0	24.0	<2	0.0	<2	1.0	<0.6	790.0	1.5	<0.5	0.0	<2	12.0	<10	
26	51628	0.027	<0.2	1.8	<1.5	<1	8.0	<0.5	<2	0.1	1.4	3.4	28.8	167.3	8.0	4.4	<10	<1	0.3	6.3	1.0	602.0	<1	0.0	30.0	115.0	<2	0.1	<2	6.0	<0.6	>2.000	7.2	<0.5	0.0	<2	110.0	<10	31.0
27	51629	0.015	<0.2	0.9	<1.5	<1	14.0	0.6	<2	0.3	0.7	4.4	7.9	167.9	1.0	1.7	<10	<1	0.3	3.5	0.4	838.0	<1	0.0	16.0	114.0	<2	0.0	3.0	4.0	<0.6	739.0	5.7	1.0	0.0	<2	43.0	<10	17.0
28	51630	0.018	0.2	3.1	6.1	2.0	23.0	0.5	<2	1.7	2.1	3.0	35.2	225.9	316.0	6.7	14.0	<1	0.1	17.3	2.6	1008.0	<1	0.1	52.0	270.0	<2	0.1	<2	11.0	<0.6	>2.000	<0.3	24.9	0.4	<2	183.0	<10	62.0
29	51631	0.008	<0.2	1.4	2.1	<1	7.0	<0.5	<2	0.0	0.9	1.0	15.0	161.9	<1																								

48	51687	0.028	<0.2	0.2	2.2	<1	16.0	<0.5	<2	0.1	<0.5	13.6	5.4	122.4	<1	0.5	<10	<1	0.1	<0.7	0.0	1205.0	<1	0.0	8.0	37.0	<2	0.0	<2	5.0	<0.6	773.0	<0.3	0.8	0.0	<2	8.0	29.0	5.0	
49	51688	0.015	<0.2	0.2	2.5	<1	21.0	<0.5	<2	1.0	<0.5	16.6	2.6	135.1	<1	0.4	<10	<1	0.1	<0.7	0.0	1983.0	<1	0.0	4.0	58.0	<2	0.0	2.0	10.0	<0.6	578.0	0.9	1.4	<0.001	<2	7.0	23.0	5.0	
50	51689	0.008	<0.2	0.3	5.6	<1	31.0	<0.5	<2	1.0	<0.5	9.3	6.7	90.3	38.0	0.6	<10	<1	0.2	0.8	0.0	1138.0	<1	<0.01	6.0	124.0	<2	0.0	<2	6.0	1.0	700.0	1.0	3.6	<0.001	<2	11.0	16.0	10.0	
51	51690	0.008	<0.2	0.2	2.0	<1	32.0	<0.5	<2	1.0	<0.5	16.0	3.0	102.6	<1	0.4	<10	<1	0.1	<0.7	0.0	1470.0	<1	<0.01	6.0	61.0	<2	0.0	2.0	9.0	<0.6	367.0	<0.3	0.6	<0.001	<2	10.0	<10	4.0	
52	51691	0.007	0.5	0.6	2.3	<1	5.0	<0.5	<2	<0.001	1.0	40.2	13.6	22.4	<1	2.2	<10	<1	0.2	2.1	0.5	5253.0	<1	0.0	12.0	117.0	<2	0.3	<2	39.0	<0.6	753.0	8.6	100.2	<0.001	<2	22.0	<10	12.0	
53	53618	0.005	<0.2	0.6	5.3	5.0	42.0	<0.5	<2	0.2	<0.5	50.7	3.1	52.7	<1	1.1	<10	<1	0.4	1.7	0.2	766.0	<1	0.0	5.0	174.0	<2	0.0	<2	<1	<0.6	633.0	<0.3	<0.5	<0.001	<2	2.0	<10	13.0	
54	53619	0.008	<0.2	0.8	<1.5	1.0	7.0	<0.5	<2	7.3	0.9	9.1	12.9	119.7	1291.0	2.3	<10	<1	0.1	4.5	0.4	1512.0	<1	0.0	24.0	177.0	<2	0.2	<2	13.0	<0.6	607.0	2.9	19.4	0.0	<2	56.0	<10	23.0	
55	53620	0.008	0.3	0.6	<1.5	<1	13.0	<0.5	<2	12.2	<0.5	20.9	9.5	86.1	<1	1.3	<10	<1	0.1	2.4	0.3	2328.0	<1	0.0	13.0	56.0	<2	0.1	<2	8.0	<0.6	402.0	4.9	51.7	<0.001	<2	26.0	<10	11.0	
56	51698	0.028	<0.2	0.4	2.1	<1	11.0	<0.5	<2	<0.001	<0.5	33.7	9.3	11.5	19.0	1.0	<10	<1	0.2	0.9	0.2	3 581	<1	<0.01	4.0	94.0	<2	0.2	<2	30.0	<0.6	842.0	<0.3	76.9	<0.001	4.0	12.0	<10	9.0	
57	51699	0.015	<0.2	0.5	6.1	2.0	24.0	0.8	<2	0.2	<0.5	6.5	9.3	16.3	32.0	1.1	<10	<1	0.3	1.2	0.1	534.0	<1	<0.01	7.0	230.0	<2	0.0	<2	5.0	<0.6	781.0	<0.3	<0.5	0.0	<2	18.0	<10	9.0	
58	51700	0.007	<0.2	0.6	5.5	2.0	26.0	0.8	<2	0.2	<0.5	6.9	9.6	16.2	38.0	1.1	<10	<1	0.3	1.2	0.1	553.0	<1	<0.01	6.0	238.0	<2	0.0	<2	5.0	<0.6	817.0	<0.3	<0.5	0.0	<2	19.0	<10	8.0	
59	51751	0.022	0.2	2.2	3.5	3.0	14.0	0.7	2.0	0.1	2.1	10.0	38.5	95.6	29.0	6.8	11.0	<1	0.3	16.3	0.9	1 849	<1	0.0	56.0	443.0	<2	0.1	5.0	20.0	<0.6	1 796	2.8	<0.5	0.0	2.0	119.0	<10	47.0	
60	51752	0.023	0.6	0.3	<1.5	<1	9.0	<0.5	<2	0.1	<0.5	3.9	8.6	20.8	10.0	1.1	<10	<1	0.1	1.3	0.1	668.0	<1	0.0	6.0	73.0	<2	0.0	<2	5.0	2.1	520.0	<0.3	0.9	<0.001	<2	16.0	<10	9.0	
61	51753	0.022	0.2	2.6	<1.5	1.0	19.0	<0.5	<2	0.2	2.0	4.9	27.8	162.6	19.0	6.6	14.0	<1	0.1	13.2	1.6	1 484	<1	0.0	51.0	372.0	<2	0.0	<2	16.0	<0.6	>2 000	<0.3	<0.5	0.0	<2	159.0	<10	50.0	
62	51754	0.033	0.5	0.6	<1.5	<1	6.0	<0.5	<2	<0.001	0.6	24.3	9.3	25.6	<1	1.4	<10	<1	0.1	2.3	0.3	3 174	<1	0.0	11.0	80.0	4.0	0.1	<2	42.0	<0.6	1 032	<0.3	75.2	0.0	<2	26.0	<10	18.0	
63	51755	0.043	<0.2	0.3	<1.5	<1	8.0	<0.5	<2	0.1	<0.5	3.9	2.7	15.9	4.0	0.6	<10	<1	0.2	<0.7	0.0	1 162	<1	<0.01	2.0	23.0	<2	0.0	<2	4.0	<0.6	834.0	<0.3	<0.5	<0.001	<2	13.0	<10	6.0	
64	51756	0.038	0.2	2.4	<1.5	2.0	14.0	1.0	<2	0.1	1.5	4.9	19.3	101.2	38.0	4.3	<10	<1	0.4	13.5	1.5	1 528	<1	<0.01	60.0	269.0	<2	0.0	<2	13.0	<0.6	1 550	<0.3	<0.5	0.0	<2	85.0	<10	39.0	
65	51757	0.040	<0.2	1.5	4.8	<1	12.0	<0.5	<2	0.2	1.4	12.4	21.0	211.3	8.0	3.8	10.0	<1	0.2	7.5	0.9	1 041	<1	0.0	73.0	753.0	<2	0.0	<2	3.0	9.0	<0.6	1 239	<0.3	1.8	0.0	<2	75.0	11.0	26.0
66	51758	0.072	0.2	0.3	<1.5	2.0	11.0	<0.5	<2	0.2	<0.5	5.7	1.4	2.9	11.0	0.4	<10	<1	0.2	4.5	0.2	65.0	<1	2.1	2.0	128.0	7.0	0.1	<2	<1	1.6	569.0	<0.3	11.6	0.0	<2	8.0	<10	15.0	
67	51759	0.157	<0.2	2.5	2.4	<1	26.0	0.9	<2	0.5	1.3	55.4	33.2	406.6	119.0	4.4	14.0	<1	0.1	19.5	2.0	1 298	<1	0.0	132.0	2 494	<2	0.0	3.0	13.0	<0.6	1 531	1.4	23.4	0.1	2.0	95.0	<10	39.0	
68	51760	0.012	<0.2	3.0	<1.5	<1	12.0	0.7	<2	0.1	2.2	4.3	28.9	140.5	7.0	7.0	13.0	<1	0.2	19.1	2.1	1 439	<1	0.0	69.0	336.0	<2	0.0	<2	13.0	<0.6	1 802	0.8	<0.5	0.0	<2	132.0	<10	55.0	
69	51761	0.000	<0.2	0.3	<1.5	<1	10.0	<0.5	<2	0.0	<0.5	5.3	4.7	17.9	3.0	0.9	<10	<1	0.2	0.8	0.1	1 012	<1	<0.01	4.0	42.0	<2	0.0	<2	6.0	0.8	734.0	4.0	<0.5	0.0	<2	20.0	<10	11.0	
70	51635	0.018	0.3	0.9	3.5	<1	115.0	<0.5	<2	0.2	1.1	1.6	9.7	167.9	300.0	2.2	<10	<1	0.0	3.9	0.7	466.0	<1	0.1	17.0	124.0	<2	0.1	3.0	5.0	<0.6	>2 000	<0.3	0.7	0.1	<2	89.0	<10	19.0	
71	51636	0.005	5.7	0.7	1280.6	<1	12.0	<0.5	>10.000	0.1	0.6	0.8	164.2	164.0	126.0	1.6	<10	<1	0.0	2.4	0.5	289.0	7.0	0.1	132.0	128.0	705.0	0.2	6.0	3.0	1.4	>2 000	<0.3	<0.5	0.1	<2	82.0	<10	16.0	
72	51637	0.030	<0.2	0.4	10.4	<1	9.0	<0.5	37.0	1.9	<0.5	1.5	7.3	145.2	<1	1.0	<10	<1	0.0	1.9	0.3	363.0	<1	0.0	13.0	62.0	7.0	0.0	3.0	3.0	<0.6	>2 000	<0.3	7.3	0.1	<2	40.0	<10	13.0	
73	51638	0.055	<0.2	0.8	6.2	<1	13.0	<0.5	39.0	0.8	0.7	0.6	6.0	202.0	<1	1.8	<10	<1	0.0	3.8	0.7	335.0	<1	0.1	21.0	92.0	<2	0.0	<2	4.0	<0.6	>2 000	1.5	2.6	0.1	<2	70.0	<10	16.0	
74	21762	0.017	0.5	0.6	22.6	12.0	25.0	1.3	2.0	0.9	4.6	10.4	35.3	34.0	24.0	11.0	11.0	<1	0.3	0.9	0.4	4533.0	<1	<0.01	35.0	420.0	5.0	0.1	<2	15.0	1.0	>2 000	2.1	7.6	0.0	<2	68.0	<10	53.0	
75	21763	0.025	0.8	1.6	38.0	25.0	141.0	2.8	2.0	7.4	6.0	12.1	46.6	48.4	54.0	14.2	16.0	1.0	0.8	2.1	0.6	5667.0	<1	<0.01	52.0	354.0	7.0	0.0	4.0	18.0	<0.6	>2 000	1.7	23.6	0.0	4.0	104.0	<10	124.0	
76	53514	0.003	<0.2	0.9	<1.5	10.0	85.0	1.7	<2	0.0	1.8	10.4	32.0	33.2	225.0	7.2	<10	<1	0.4	<0.7	0.1	1953.0	<1	<0.01	21.0	435.0	<2	0.0	<2	21.0	<0.6	1502.0	1.8	<0.5	0.0	<2	52.0	<10		
77	51771	0.022	0.2	1.1	<1.5	3	10.0	<0.5	<2	0.3	0.7	1.7	10.9	50.7	19.0	2.0	<10	<1	0.2	6.7	0.8	462.0	<1	<0.01	29.0	213.0	<2	0.0	<2	6.0	<0.6	794.0	<0.3	1.0	0.0	<2	47.0	<10	22.0	
78	51772	0.033	0.2	1.5	<1.5	2	14.0	0.6	<2	0.4	1.1	<0.4	12.5	89.5	19.0	2.8	<10	4.0	0.2	12.9	1.2	415.0	<1	0.0	36.0	185.0	<2	0.0	<2	9.0	1.8	999.0	<0.3	1.4	0.0	<2	67.0	58.0	26.0	
79	53715	0.005	<0.4	0.3	<3.6	2.0	6.0	<0.5	<2	0.0	<0.7	<0.70	2.4	62.9	22.0	0.7	<10	<7	0.1	2.4	0.2	217.0	<2	<0.01	16.0	23.0	<2	<0.01	<2	<8	<2	2005.0	<4.6	<0.5	0.0	<10	11.0	<10	8.0	
80	51792	0.007	0.6	3.6	4.4	<1	30.0	<0.5	<2	>3.000	1.8	12.2	34.2	181.7	603.0	6.5	<10	<7	0.2	24.7	2.8	1623.0	<2	0.2	60.0	427.0	7.0	0.1	<2	25.0	<2	21163.0	<4.6	57.3	0.3	<10	175.0	<10	66.0	

SECTOR MONSERRAT

Nº	MUESTRA	Au_g/tm	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	21753	0.070	<0.2	0.6	122.1	<1	14.0	<0.5	<2	0.0	<0.5	22.0	40.0	134.3	167.0	0.8	<10	<1	0.1	<0.7	0.0	930.0																	

21	21749	0.142	<0.2	0.8	17.6	2.0	19.0	0.9	<2	0.0	2.4	39.2	17.8	78.0	>10000	6.7	<10	<1	0.3	1.6	0.2	198.0	2.0	0.0	14.0	1020.0	S/R	2.9	<2	2.0	<0.6	1351.0	S/R	0.6	0.0	4.0	13.0	<10	26.0
22	21750	0.093	<0.2	0.9	14.5	3.0	19.0	1.0	3.0	0.0	2.3	45.5	17.9	72.2	>10000	4.9	<10	<1	0.3	1.5	0.2	197.0	3.0	0.0	12.0	1032.0	<2	2.2	<2	3.0	<0.6	1255.0	<0.3	<0.5	0.0	<2	13.0	<10	26.0
23	21751	0.420	0.5	0.4	33.6	3.0	52.0	1.1	5.0	0.0	1.7	30.0	344.8	127.0	8582.0	4.2	<10	<1	0.3	<0.7	0.0	1389.0	6.0	<0.01	12.0	425.0	6.0	1.6	<2	3.0	<0.6	993.0	<0.3	<0.5	<0.001	<2	5.0	<10	19.0
24	21752	0.065	<0.2	1.2	10.6	1.0	27.0	0.6	<2	0.1	1.4	48.4	15.1	75.9	5709.0	3.1	<10	<1	0.3	3.2	0.8	206.0	<1	0.0	8.0	529.0	<2	0.5	<2	4.0	<0.6	>2,000	5.0	1.1	0.0	<2	18.0	<10	28.0
25	51703	0.453	0.5	1.3	10.3	<1	26.0	0.5	16.0	0.1	2.0	29.2	6.0	9.3	29200.0	6.1	10.0	1.0	0.2	2.8	0.8	156.0	6.0	0.0	7.0	554.0	4.0	2.1	<2	3.0	<0.6	>2 000	<0.3	<0.5	0.0	<2	22.0	<10	55.0
26	53506	0.005	<0.2	0.3	10.9	<1	14.0	<0.5	<2	0.0	<0.5	34.3	15.2	149.0	3.0	1.5	<10	<1	0.2	<0.7	0.0	340.0	<1	<0.01	5.0	120.0	4.0	0.0	<2	2.0	<0.6	1091.0	2.4	<0.5	0.0	<2	4.0	<10	
27	53507	0.005	<0.2	0.3	<1.5	<1	11.0	<0.5	<2	0.2	<0.5	23.4	3.5	147.5	4.0	0.7	<10	<1	0.2	<0.7	0.0	219.0	<1	0.0	4.0	206.0	<2	0.0	<2	<1	<0.6	1049.0	1.2	1.6	0.0	<2	3.0	<10	
28	53508	0.018	<0.2	0.3	2.6	3.0	8.0	<0.5	<2	0.1	<0.5	5.2	1.4	5.0	9.0	0.3	<10	<1	0.1	5.1	0.2	47.0	<1	1.7	1.0	105.0	<2	0.0	<2	<1	<0.6	1038.0	0.5	13.1	0.0	<2	7.0	29.0	
29	53509	0.007	<0.2	0.5	2.1	1.0	20.0	<0.5	<2	0.1	<0.5	43.8	11.3	114.6	26.0	1.0	<10	<1	0.3	1.2	0.1	109.0	<1	0.0	5.0	371.0	<2	0.0	<2	<1	<0.6	1224.0	1.5	1.8	0.0	<2	7.0	<10	
30	53513	0.002	<0.2	0.5	1.8	<1	15.0	<0.5	<2	0.1	<0.5	70.9	4.0	93.2	2.0	1.0	<10	<1	0.1	1.1	0.2	134.0	<1	0.1	4.0	439.0	<2	0.0	<2	1.0	<0.6	>2,000	2.6	2.4	0.0	<2	11.0	<10	
31	51762	0.000	0.2	0.2	4.4	<1	11.0	<0.5	<2	0.0	<0.5	5.0	10.7	83.2	5.0	0.8	<10	<1	0.2	<0.7	0.0	133.0	<1	<0.01	2.0	173.0	<2	0.0	<2	<1	<0.6	696.0	<0.3	<0.5	<0.001	<2	3.0	<10	9.0
32	53502	0.087	<0.2	1.1	<1.5	2.0	14.0	<0.5	<2	0.1	0.9	48.4	4.6	133.6	717.0	3.2	<10	<1	0.2	3.3	0.5	122.0	<1	0.0	6.0	472.0	3.0	0.1	<2	1.0	<0.6	>2,000	0.9	1.5	0.0	<2	15.0	<10	
33	53503	0.025	<0.2	0.3	7.4	2.0	17.0	<0.5	<2	0.1	<0.5	37.5	2.7	125.1	57.0	0.3	<10	<1	0.2	<0.7	0.0	135.0	<1	0.0	4.0	278.0	<2	0.0	<2	<1	<0.6	1010.0	<0.3	1.3	0.0	<2	2.0	<10	
34	53505	0.017	<0.2	0.5	9.7	1.0	22.0	<0.5	36.0	0.1	0.7	24.9	4.9	100.4	5836.0	2.6	<10	<1	0.2	1.8	0.2	445.0	<1	0.0	7.0	392.0	2.0	0.3	<2	2.0	<0.6	>2,000	1.6	0.9	0.0	<2	8.0	<10	
35	53504	0.007	<0.2	1.0	5.7	2.0	15.0	<0.5	<2	0.0	0.6	52.5	7.7	123.4	<1	2.6	<10	<1	0.1	2.8	0.6	333.0	<1	0.0	6.0	307.0	<2	0.0	<2	3.0	<0.6	>2,000	2.5	1.9	0.0	<2	20.0	<10	
36	53511	0.007	<0.2	0.4	105.9	<1	48.0	<0.5	<2	0.0	0.6	43.9	2.5	95.4	5.0	2.1	<10	<1	0.4	<0.7	0.1	39.0	3.0	<0.01	4.0	606.0	17.0	0.1	<2	2.0	<0.6	>2,000	0.9	2.8	0.0	<2	18.0	<10	
37	53512	0.003	<0.2	0.6	20.7	<1	15.0	<0.5	<2	0.0	<0.5	75.4	8.0	137.2	27.0	1.7	<10	<1	0.2	1.4	0.2	662.0	<1	0.0	6.0	332.0	<2	0.0	<2	5.0	<0.6	>2,000	<0.3	1.7	0.0	<2	15.0	<10	
38	53712	7.453	0.7	0.2	14.1	2.0	7.0	<0.5	84.0	0.1	<0.7	9.8	4.2	24.6	13307.0	2.1	<10	<7	0.1	<0.8	0.0	220.0	<2	0.0	5.0	90.0	17.0	0.2	<2	<8	<2	1589.0	<4.6	<0.5	<0.001	<10	5.0	<10	7.0
39	53705	2.120	<0.2	0.4	39.2	<1	15.0	<0.5	14.0	0.0	0.9	10.8	19.0	218.7	1625.0	2.7	<10	<1	0.3	<0.7	0.1	43.0	<1	0.0	12.0	276.0	<2	1.1	<2	1.0	<0.6	1127.0	0.3	1.7	0.0	<2	4.0	<10	9.0
40	53706	4.133	<0.2	0.5	24.3	<1	15.0	<0.5	68.0	0.0	1.0	15.5	8.7	186.7	1941.0	2.9	<10	<1	0.2	1.3	0.2	57.0	<1	0.0	9.0	294.0	2.0	0.8	<2	1.0	<0.6	>2 000	2.4	1.7	0.0	<2	4.0	<10	10.0
41	53510	0.005	<0.2	0.8	2.2	<1	7.0	<0.5	<2	0.1	0.6	33.5	7.7	163.6	91.0	1.8	<10	<1	0.0	2.6	0.4	542.0	<1	0.1	6.0	203.0	<2	<0.0001	<2	2.0	<0.6	>2,000	0.6	<0.5	0.0	<2	10.0	<10	
42	51693	0.032	<0.2	0.2	5.6	<1	5.0	<0.5	<2	0.0	<0.5	<0.4	2.4	11.1	15.0	1.0	<10	<1	0.1	<0.7	0.0	292.0	<1	<0.01	<1	41.0	<2	0.0	<2	<1	0.8	669.0	0.6	<0.5	0.0	<2	7.0	<10	8.0
43	53501	0.065	<0.2	0.4	31.8	1.0	6.0	<0.5	<2	0.0	<0.5	11.4	16.2	148.2	737.0	1.9	<10	<1	0.1	1.7	0.2	238.0	<1	0.0	8.0	41.0	3.0	0.1	<2	2.0	1.1	>2,000	<0.3	<0.5	0.0	<2	5.0	<10	
44	21799	0.017	<0.2	1.2	7.0	1.0	27.0	<0.5	<2	0.1	0.7	37.1	6.8	117.2	7.0	2.7	<10	<1	0.2	4.7	0.6	198.0	<1	0.0	6.0	462.0	<2	0.0	<2	2.0	<0.6	>2,000	<0.3	1.1	0.0	<2	31.0	<10	
45	21800	0.008	<0.2	1.1	4.7	<1	20.0	<0.5	<2	0.1	0.7	29.8	6.1	124.5	7.0	2.7	<10	<1	0.2	4.6	0.6	220.0	<1	0.0	7.0	489.0	<2	0.0	<2	2.0	<0.6	>2,000	1.7	1.3	0.0	<2	33.0	<10	
46	21797	0.027	<0.2	1.0	16.9	2.0	17.0	<0.5	<2	0.1	<0.5	31.1	5.3	139.7	117.0	2.0	<10	<1	0.2	3.5	0.6	122.0	<1	0.0	7.0	379.0	<2	0.0	<2	2.0	<0.6	>2,000	0.8	1.3	0.0	<2	13.0	<10	
47	21798	0.073	<0.2	1.0	29.5	2.0	14.0	<0.5	<2	0.1	0.8	33.1	5.6	136.2	3.0	2.5	<10	<1	0.1	3.3	0.5	109.0	1.0	0.0	8.0	444.0	<2	0.0	<2	2.0	<0.6	>2,000	<0.3	<0.5	0.0	<2	19.0	<10	
48	53541	5.742	0.9	2.0	193.3	<1	37.0	0.9	14.0	0.2	3.2	22.3	68.6	46.6	31.0	9.0	16.0	<1	0.3	8.4	1.4	315.0	<1	0.0	16.0	977.0	19.0	5.3	2.0	4.0	<0.6	>2,000	2.4	3.6	0.0	<2	33.0	<10	31.0

SECTOR SATATA ICURO

Nº	MUESTRA	Au g/tm	Ag_ppm	Al_%	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	Pb_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_%	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	21719	0.050	<0.2	1.1	5.2	<1	3.0	<0.5	<2	0.0	0.8	38.3	14.8	110.2	3.0	2.0	<10	<1	0.0	3.4	0.9	82.0	<1	0.0	8.0	169.0	S/R	0.0	<2	4.0	<0.6	>2,000	<0.3	<0.5	0.0	<2	33.0	<10	12.0
2	21720	0.062	S/R	1.1	20.4	<1	7.0	<0.5	<2	0.0	1.1	40.6	20.1	112.5	4.0	2.2	<10	<1	0.1	3.1	0.7	124.0	<1	0.0	9.0	154.0	4.0	0.0	<2	4.0	<0.6	>2,000	S/R	<0.5	0.0	<2	25.0	<10	14.0
3	21721	0.020	<0.2	0.4	4.7	<1	4.0	<0.5	<2	0.0	<0.5	21.7	4.8	145.3	3.0	0.9	<10	<1	0.0	1.5	0.2	68.0	<1	0.0	6.0	82.0	<2	0.0	<2	2.0	<0.6	1046.0	1.4	<0.5	<0.001	<2	9.0	<10	9.0
4	21722	0.022	<0.2	0.6	3.7	<1	6.0	<0.5	<2	0.0	<0.5	27.7	13.7	98.2	2.0	1.0	<10	<1	0.0	1.7	0.3	49.0	<1	0.0	6.0	127.0	<2	0.0	<2	2.0	<0.6	1102.0	2.6	<0.5	0.0	<2	11.0	<10	10.0
5	21723	0.030	<0.2	1.4	5.7	2.0	23.0	<0.5	<2	0.0	0.8	66.7	20.6	98.4	3.0	1.9	<10	<1	0.1	4.3	0.6	130.0	<1	0.0	8.0	195.0	<2	0.0	<2	4.0	<0.6	1134.0	<0.3	0.7	0.0	<2	20.0	<10	15.0
6	21724	0.027	<0.2	1.4	4.3	1.0	20.0	<0.5	<2	0.0	1.2	74.2	14.8	73.9	86.0	2.5	<10	<1	0.2	3.0	0.7	204.0	<1	0.0	8.0	436.0	<2	0.0	<2	3.0	<0.6	>2,000	<0.3	1.2	0.0	<2			

26	53697	0.015	0.6	0.9	4.6	<1	17.0	<0.5	<2	0.0	0.8	48.3	3.8	5.2	7.0	2.4	<10	<1	0.1	1.7	0.4	256.0	<1	0.0	2.0	328.0	2.0	0.0	<2	6.0	<0.6	1747	2.2	1.7	0.0	<2	33.0	<10	24.0
27	53698	0.010	<0.2	0.8	13.6	<1	23.0	<0.5	<2	0.0	0.9	56.1	4.4	3.4	2.0	2.6	<10	<1	0.1	0.7	0.3	332.0	<1	0.0	1.0	254.0	5.0	0.0	<2	5.0	<0.6	1009	<0.3	1.2	0.0	<2	20.0	<10	19.0
28	53699	0.010	4.2	1.0	5.5	<1	18.0	<0.5	<2	0.0	0.7	53.9	3.9	4.0	<1	2.4	<10	<1	0.1	1.3	0.4	373.0	<1	0.0	<1	299.0	<2	0.0	<2	8.0	<0.6	1806	<0.3	1.4	0.0	<2	32.0	<10	21.0
29	53700	0.021	<0.2	1.1	5.2	<1	23.0	<0.5	<2	0.0	0.9	60.1	5.6	4.0	<1	2.7	10.0	3.0	0.1	1.4	0.4	394.0	<1	0.1	2.0	337.0	<2	0.0	<2	10.0	<0.6	>2000	<0.3	2.5	0.0	<2	34.0	81.0	22.0
30	53704	0.543	<0.2	0.7	26.2	<1	16.0	0.9	<2	0.1	0.9	53.9	32.1	156.8	1740.0	2.8	<10	<1	0.5	<0.7	0.1	1020	<1	0.0	9.0	569.0	<2	0.1	<2	6.0	<0.6	1082	<0.3	1.8	0.0	<2	15.0	<10	9.0
31	53702	0.005	0.4	0.5	6.3	<1	31.0	<0.5	<2	0.0	<0.5	39.4	13.2	244.9	203.0	1.6	<10	<1	0.1	<0.7	0.0	3010	<1	0.0	8.0	381.0	<2	0.0	<2	23.0	<0.6	1105	<0.3	2.5	0.0	<2	15.0	<10	5.0
32	53701	0.005	<0.2	1.1	10.7	<1	22.0	<0.5	<2	0.0	0.6	36.5	16.2	176.3	83.0	2.0	<10	<1	0.2	2.3	0.3	574.0	<1	0.0	9.0	371.0	<2	0.0	<2	7.0	<0.6	1859	<0.3	2.8	0.0	<2	14.0	<10	15.0
33	53560	2.170	0.3	0.2	31.3	<1	5.0	<0.5	51.0	0.0	<0.5	13.7	11.0	132.7	1564.0	1.3	<10	<1	0.1	1.0	0.0	66.0	<1	0.0	5.0	306.0	<2	0.1	3.0	<1	1.0	861.0	2.6	<0.5	<0.001	<2	4.0	<10	7.0
34	21792	8.126	0.2	1.2	271.8	<1	27.0	0.6	<2	0.1	<0.5	59.0	7.2	61.5	197.0	2.8	10.0	<1	0.3	2.5	0.5	316.0	<1	0.0	6.0	720.0	4.0	0.0	<2	5.0	<0.6	>2000	<0.3	6.4	0.0	<2	31.0	<10	
35	21793	0.640	<0.2	0.7	338.3	<1	23.0	0.9	2.0	0.0	<0.5	31.5	17.0	139.6	141.0	2.4	<10	<1	0.2	1.5	0.2	1018.0	<1	0.0	6.0	553.0	8.0	0.0	<2	4.0	<0.6	>2000	0.4	2.6	0.0	<2	21.0	<10	
36	21794	0.823	0.2	1.0	10.000.0	<1	39.0	<0.5	<2	0.2	1.0	29.9	7.8	63.7	3.0	3.3	<10	<1	0.4	5.2	0.4	334.0	<1	0.0	7.0	733.0	6.0	0.6	<2	2.0	<0.6	>2000	<0.3	23.8	0.0	<2	20.0	<10	
37	21795	4.902	0.2	1.4	2237.1	1.0	52.0	1.2	<2	0.1	1.0	78.5	11.2	32.2	9.0	4.2	10.0	<1	0.4	2.5	0.4	473.0	<1	0.0	8.0	831.0	18.0	0.0	<2	2.0	<0.6	>2000	<0.3	7.0	0.0	<2	29.0	<10	
38	21732	0.727	<0.2	0.8	581.6	<1	25.0	0.7	<2	0.1	1.2	35.0	6.6	102.7	83.0	2.5	<10	<1	0.2	2.2	0.4	595.0	<1	0.0	8.0	541.0	3.0	0.0	<2	5.0	<0.6	>2000	2.1	4.4	0.0	<2	21.0	<10	20.0
39	21733	0.018	<0.2	0.4	1.7	3.0	10.0	<0.5	<2	0.1	<0.5	6.5	0.9	22.2	11.0	0.4	<10	<1	0.2	5.2	0.2	55.0	<1	1.9	2.0	85.0	2.0	0.0	<2	<1	0.7	981.0	<0.3	12.0	0.0	<2	8.0	<10	10.0
40	21734	0.647	1.9	1.5	806.4	<1	36.0	1.1	<2	0.1	1.7	69.7	8.7	76.8	80.0	3.5	12.0	<1	0.3	4.9	0.6	347.0	<1	0.0	9.0	665.0	126.0	0.0	<2	5.0	<0.6	>2000	0.6	5.2	0.0	<2	36.0	<10	35.0
41	21729	4.754	<0.2	1.3	295.9	<1	43.0	1.2	<2	0.1	1.8	63.3	10.5	59.1	27.0	3.1	10.0	<1	0.4	5.8	0.6	1026.0	<1	0.0	8.0	917.0	4.0	0.0	<2	6.0	<0.6	>2000	0.7	7.5	0.0	<2	32.0	<10	32.0
42	21730	1.681	<0.2	1.1	292.1	2.0	42.0	0.8	<2	0.0	1.1	67.0	8.7	94.0	18.0	2.5	<10	<1	0.4	1.9	0.4	301.0	<1	0.0	9.0	464.0	6.0	0.0	<2	2.0	1.0	1975.0	1.9	3.0	0.0	<2	27.0	<10	27.0
43	21727	0.622	<0.2	1.7	342.5	<1	48.0	1.1	<2	0.1	1.8	88.4	8.8	51.6	27.0	3.6	12.0	<1	0.5	17.5	0.9	392.0	<1	0.0	9.0	785.0	9.0	0.0	<2	6.0	<0.6	>2000	0.3	3.6	0.0	<2	34.0	<10	70.0
44	21728	0.235	<0.2	1.1	227.1	<1	22.0	0.6	<2	0.1	1.2	44.7	5.7	83.7	10.0	2.4	<10	<1	0.2	6.8	0.7	317.0	<1	<0.01	7.0	577.0	<2	0.0	<2	6.0	<0.6	>2000	1.1	2.5	0.0	<2	29.0	<10	33.0
45	21726	3.957	<0.2	0.8	214.2	<1	29.0	<0.5	<2	0.1	1.1	54.7	8.1	77.8	111.0	2.3	<10	<1	0.2	1.7	0.5	345.0	<1	0.0	8.0	683.0	6.0	0.0	<2	5.0	<0.6	>2000	<0.3	3.3	0.0	<2	20.0	<10	23.0
46	21731	0.487	0.5	1.5	25.4	<1	33.0	<0.5	<2	0.2	1.9	44.5	11.2	46.5	48.0	3.6	12.0	<1	0.2	3.9	0.9	509.0	<1	0.0	10.0	926.0	<2	0.3	<2	6.0	1.2	>2000	0.6	5.0	0.0	<2	36.0	<10	40.0
47	51716	0.562	<0.2	1.0	18.6	<1	19.0	<0.5	9.0	0.1	1.1	36.9	32.2	118.1	3870.0	2.6	<10	<1	0.2	2.2	0.4	216.0	1.0	0.1	11.0	609.0	2.0	0.4	<2	4.0	<0.6	>2000	1.7	3.3	0.0	<2	15.0	<10	21.0
48	51718	0.565	<0.2	0.9	4.2	<1	18.0	0.6	<2	0.1	0.5	55.2	20.6	134.4	177.0	1.8	<10	<1	0.2	2.0	0.4	243.0	<1	<0.1	9.0	720.0	<2	0.0	<2	4.0	<0.6	>2000	0.6	4.2	0.0	<2	13.0	<10	10.0
49	51721	0.025	0.4	1.0	387.3	<1	45.0	0.5	<2	0.1	1.1	52.0	6.5	107.8	51.0	2.7	<10	<1	0.5	1.8	0.4	304.0	<1	0.0	8.0	755.0	88.0	0.3	<2	4.0	<0.6	>2000	0.6	5.3	0.0	<2	18.0	<10	58.0
50	21790	0.282	<0.2	0.1	1.8	<1	5.0	<0.5	<2	0.0	<0.5	4.3	2.3	195.9	474.0	1.1	<10	<1	0.1	<0.7	0.0	77.0	<1	0.0	7.0	148.0	4.0	0.0	<2	<1	<0.6	1173.0	<0.3	1.0	<0.001	<2	2.0	14.0	
51	21737	0.795	0.8	0.7	382.5	<1	118.0	1.8	<2	0.0	4.9	131.9	9.9	89.5	2407.0	11.9	12.0	<1	0.0	<0.7	0.1	9582.0	4.0	<0.01	5.0	2148.0	<2	0.0	<2	10.0	<0.6	>2000	<0.3	3.1	0.0	5.0	26.0	<10	24.0
52	21740	0.160	0.6	0.2	28.4	2.0	8.0	<0.5	<2	0.0	<0.5	21.2	1.1	132.7	191.0	0.7	<10	<1	0.2	<0.7	0.0	31.0	<1	<0.01	5.0	219.0	<2	0.0	<2	<1	<0.6	782.0	<0.3	<0.5	0.0	<2	2.0	<10	6.0
53	21741	0.027	0.5	0.2	13.4	2.0	22.0	0.6	<2	0.1	<0.5	53.7	1.1	146.8	1309.0	0.7	<10	<1	0.1	<0.7	0.0	1967.0	<1	0.0	5.0	267.0	<2	0.0	<2	5.0	<0.6	607.0	0.7	2.3	<0.001	<2	3.0	<10	7.0
54	21742	0.030	<0.2	0.5	7.9	1.0	24.0	0.7	<2	0.1	<0.5	108.7	7.2	63.7	622.0	0.9	<10	<1	0.4	<0.7	0.0	528.0	<1	0.0	4.0	882.0	2.0	0.0	<2	3.0	<0.6	842.0	<0.3	4.6	0.0	<2	5.0	<10	7.0
55	21743	0.048	<0.2	0.6	18.3	<1	19.0	0.9	<2	0.1	0.6	103.9	20.3	50.4	677.0	1.0	<10	<1	0.4	0.9	0.1	604.0	<1	0.0	4.0	444.0	<2	0.0	<2	3.0	<0.6	642.0	<0.3	2.5	0.0	2.0	10.0	<10	6.0
56	21744	0.085	<0.2	0.6	19.9	2.0	24.0	1.1	<2	0.0	0.5	82.9	22.6	111.9	583.0	1.6	<10	<1	0.3	1.1	0.1	1031.0	<1	0.0	5.0	496.0	<2	0.0	<2	3.0	<0.6	738.0	<0.3	1.7	0.0	<2	9.0	<10	8.0
57	21745	0.142	1.9	1.1	126.1	2.0	47.0	1.1	<2	0.1	2.8	150.9	8.6	137.1	2413.0	6.2	<10	<1	0.2	1.5	0.2	5560.0	1.0	<0.01	9.0	273.0	2.0	0.0	<2	13.0	<0.6	>2000	<0.3	2.3	0.0	<2	26.0	<10	18.0
58	21746	0.609	0.3	0.2	2.8	1.0	9.0	<0.5	<2	4.9	<0.5	32.6	4.4	107.2	7610.0	1.2	<10	<1	0.2	<0.7	0.0	658.0	<1	<0.01	7.0	140.0	<2	0.7	<2	1.0	<0.6	1060.0	<0.3	17.1	<0.001	<2	3.0	<10	14.0
59	21747	1.000	<0.2	0.2	10.2	2.0	11.0	<0.5	<2	0.1	<0.5	26.6	6.8	134.1	5370.0	1.4	<10	<1	0.1	<0.7	0.0	1176.0	<1	0.0	8.0	90.0	<2	0.1	<2	3.0	<0.6	789.0	<0.3	1.3	0.0	<2	5.0	<10	13.0
60	53551	0.728	<0.2	0.5	27.3	<1	10.0	0.7	<2	0.0	<0.5	58.8	7.9	79.6	333.0	1.2	<10	<1	0.2	<0.7	0.0	410.0	<1	<0.01	5.0	476.0	<2	0.0	<2	1.0	<0.6	1700.0	<0.3	0.6	0.0	<2	6.0	<10	
61	53552	0.368	<0.2	0.9																																			

82	53579	0.012	<0.2	0.6	4.5	<1	29.0	<0.5	<2	0.1	0.5	86.0	4.4	81.8	216.0	1.5	<10	<1	0.3	1.0	0.2	312.0	<1	0.0	4.0	665.0	<2	0.0	<2	2.0	<0.6	1261.0	2.9	3.6	0.0	<2	10.0	<10	10.0
83	53581	0.025	<0.2	0.5	11.3	<1	23.0	<0.5	<2	0.1	<0.5	99.7	3.4	73.2	184.0	0.7	<10	<1	0.3	<0.7	0.0	466.0	<1	0.0	2.0	526.0	<2	0.0	<2	1.0	<0.6	862.0	2.5	2.0	0.0	<2	5.0	<10	5.0
84	53582	0.033	<0.2	0.7	8.9	<1	22.0	0.6	<2	0.1	<0.5	102.8	8.6	64.0	125.0	0.4	<10	<1	0.4	<0.7	0.0	149.0	<1	0.0	6.0	605.0	<2	<0.0001	<2	<1	<0.6	1322.0	2.7	3.1	0.0	<2	4.0	<10	6.0
85	53583	0.013	<0.2	0.5	<1.5	2.0	11.0	<0.5	<2	0.1	<0.5	8.7	1.9	26.4	<1	0.4	<10	<1	0.2	5.3	0.3	67.0	<1	1.8	2.0	121.0	<2	0.0	<2	<1	<0.6	>2,000	3.0	13.4	0.0	<2	10.0	<10	12.0
86	53586	0.009	<0.2	1.9	14.3	<1	49.0	1.2	<2	0.1	1.3	98.5	7.5	28.1	9.0	3.4	10.0	<1	0.4	4.3	0.7	407.0	<1	0.0	10.0	1054.0	<2	0.0	<2	3.0	<0.6	>2,000	1.4	4.6	0.0	<2	23.0	<10	36.0
87	53587	2.661	<0.2	0.5	47.3	<1	19.0	0.7	<2	0.0	0.5	95.6	10.3	83.1	497.0	1.5	<10	<1	0.3	<0.7	0.0	386.0	<1	<0.01	5.0	564.0	<2	0.0	<2	1.0	<0.6	837.0	0.5	2.2	<0.001	<2	6.0	23.0	7.0
88	53588	0.123	<0.2	0.3	39.0	<1	4.0	<0.5	<2	0.0	<0.5	20.5	9.0	107.4	1770.0	1.6	<10	<1	0.1	<0.7	0.0	54.0	2.0	0.0	6.0	208.0	<2	0.0	<2	<1	<0.6	1205.0	2.8	<0.5	<0.001	<2	4.0	<10	8.0
89	53589	0.007	<0.2	2.1	5.9	<1	45.0	0.7	<2	0.1	1.4	86.8	13.5	37.5	354.0	3.7	13.0	<1	0.4	4.6	1.2	418.0	<1	0.0	11.0	1023.0	<2	0.0	<2	4.0	<0.6	>2,000	1.1	6.7	0.0	<2	32.0	16.0	39.0
90	53590	0.023	<0.2	0.4	10.4	<1	15.0	<0.5	<2	0.0	<0.5	30.4	20.3	87.3	277.0	0.8	<10	<1	0.2	<0.7	0.0	179.0	<1	0.0	6.0	271.0	<2	0.0	<2	<1	<0.6	897.0	1.4	<0.5	0.0	<2	3.0	11.0	4.0
91	53595	0.008	<0.2	2.5	3.2	<1	47.0	1.3	<2	0.0	0.8	95.8	27.3	31.1	214.0	2.5	<10	<1	0.2	4.0	0.6	617.0	<1	0.0	9.0	358.0	<2	0.0	<2	3.0	<0.6	>2,000	3.9	<0.5	0.0	3.0	17.0	<10	15.0
92	53596	0.018	<0.2	0.4	3.3	<1	15.0	<0.5	<2	0.0	<0.5	40.1	15.0	80.9	69.0	0.4	<10	<1	0.2	<0.7	0.0	71.0	<1	0.0	5.0	324.0	7.0	0.0	<2	<1	<0.6	741.0	2.9	2.1	0.0	<2	4.0	<10	9.0
93	53599	0.005	<0.2	2.4	4.2	<1	45.0	0.6	<2	0.1	1.6	95.8	15.4	50.2	<1	4.3	16.0	<1	0.2	4.2	1.2	425.0	<1	0.1	11.0	1024.0	<2	<0.0001	2.0	6.0	<0.6	>2,000	2.0	5.8	0.0	<2	44.0	<10	36.0
94	53600	0.007	<0.2	2.3	5.0	<1	49.0	0.6	<2	0.1	1.5	94.4	14.0	46.9	<1	4.0	13.0	<1	0.2	4.2	1.1	395.0	<1	0.1	13.0	986.0	<2	0.0	2.0	6.0	<0.6	>2,000	<0.3	5.9	0.0	<2	41.0	<10	35.0
95	53651	0.013	<0.2	1.9	4.7	<1	49.0	1.5	<2	0.0	0.8	48.9	31.6	82.5	132.0	2.3	<10	<1	0.3	3.4	0.5	786.0	<1	<0.01	11.0	318.0	<2	0.0	3.0	6.0	<0.6	1143.0	2.2	<0.5	0.0	<2	32.0	<10	12.0
96	53652	0.005	<0.2	0.9	4.4	<1	29.0	<0.5	<2	0.1	<0.5	68.2	12.8	63.7	57.0	1.2	<10	<1	0.3	1.7	0.2	315.0	<1	0.0	6.0	462.0	<2	0.0	2.0	2.0	<0.6	821.0	2.1	2.6	0.0	<2	11.0	<10	11.0
97	53653	0.008	0.4	0.7	103.9	<1	61.0	1.1	<2	0.0	2.0	46.2	16.9	82.3	135.0	4.7	<10	<1	0.1	1.0	0.1	5038.0	<1	<0.01	7.0	690.0	<2	0.0	2.0	17.0	<0.6	1067.0	<0.3	0.7	0.0	<2	12.0	<10	9.0
98	53654	0.008	<0.2	1.9	5.3	<1	41.0	1.1	<2	0.0	0.8	100.1	11.4	49.4	28.0	2.1	<10	<1	0.3	2.4	0.4	369.0	<1	0.0	8.0	615.0	<2	0.0	4.0	3.0	<0.6	984.0	1.6	2.6	<0.001	<2	15.0	<10	19.0
99	53655	0.067	<0.2	0.6	30.1	<1	20.0	1.1	<2	0.0	1.1	83.9	13.4	76.1	1505.0	2.7	<10	<1	0.3	1.0	0.1	992.0	<1	<0.01	4.0	612.0	<2	0.0	3.0	3.0	<0.6	578.0	4.1	2.2	<0.001	<2	16.0	<10	9.0
100	53656	0.010	<0.2	0.9	7.8	<1	32.0	0.8	<2	0.1	0.5	95.4	5.3	46.4	621.0	1.7	<10	<1	0.4	1.3	0.2	462.0	<1	0.0	6.0	1014.0	<2	<0.0001	2.0	3.0	<0.6	680.0	0.3	4.1	0.0	2.0	10.0	<10	9.0
101	53657	0.428	<0.2	0.4	11.9	<1	16.0	0.5	<2	0.0	<0.5	61.8	4.3	112.5	373.0	0.8	<10	<1	0.2	<0.7	0.0	327.0	<1	0.0	7.0	378.0	<2	<0.0001	2.0	<1	<0.6	450.0	<0.3	0.7	<0.001	3.0	5.0	<10	4.0
102	53658	0.010	<0.2	0.4	<1.5	1.0	13.0	<0.5	<2	0.2	<0.5	7.2	2.1	26.2	<1	0.4	<10	<1	0.2	4.8	0.2	62.0	<1	2.9	1.0	111.0	<2	0.1	<2	<1	<0.6	>2,000	2.1	11.6	0.0	<2	9.0	46.0	11.0
103	53659	0.172	<0.2	0.7	8.7	<1	21.0	0.9	<2	0.0	<0.5	61.3	15.2	87.1	264.0	1.0	<10	<1	0.3	1.1	0.1	675.0	<1	0.0	6.0	264.0	<2	0.0	3.0	2.0	<0.6	814.0	2.1	<0.5	0.0	<2	7.0	16.0	7.0
104	53660	0.013	<0.2	1.0	14.4	<1	50.0	1.2	<2	0.0	<0.5	125.9	4.3	41.9	513.0	1.2	<10	<1	0.4	1.3	0.1	744.0	<1	0.0	3.0	499.0	<2	0.0	<2	2.0	<0.6	1749.0	0.7	2.5	0.0	<2	8.0	16.0	9.0
105	53666	0.008	<0.2	1.6	4.7	<1	45.0	0.7	<2	0.1	1.1	78.3	11.2	7.6	20.0	2.9	<10	1.0	0.2	2.8	0.7	370.0	<1	0.0	8.0	853.0	4.0	0.0	<2	4.0	<0.6	1408	0.5	4.1	0.0	<2	20.0	60.0	37.0
106	53667	0.008	<0.2	1.0	3.3	<1	31.0	0.5	<2	0.1	<0.5	78.1	21.1	4.6	67.0	1.2	<10	<1	0.3	1.3	0.2	173.0	<1	0.0	5.0	761.0	<2	0.0	<2	1.0	0.8	1054	<0.3	2.3	0.0	3.0	9.0	27.0	15.0
107	53668	0.005	<0.2	0.2	<1.5	<1	9.0	<0.5	<2	0.0	<0.5	12.5	7.1	11.0	14.0	0.4	<10	<1	0.1	<0.7	0.0	72.0	<1	0.0	<1	61.0	<2	0.0	<2	<1	2.0	680.0	<0.3	1.5	<0.001	<2	1.0	17.0	8.0
108	53669	0.007	<0.2	1.0	2.9	<1	39.0	0.6	<2	0.1	<0.5	91.9	15.4	4.5	65.0	0.8	<10	<1	0.3	0.8	0.1	279.0	<1	0.0	4.0	891.0	5.0	0.0	<2	1.0	1.6	959.0	<0.3	4.4	0.0	<2	6.0	<10	18.0
109	53670	0.005	<0.2	2.0	3.3	1.0	44.0	0.7	<2	0.2	1.6	89.6	11.6	11.0	17.0	3.8	12.0	<1	0.2	3.6	0.9	544.0	<1	0.0	11.0	1275	<2	0.0	<2	7.0	<0.6	1986	<0.3	4.9	0.0	<2	30.0	<10	40.0
110	53671	0.007	0.6	0.3	1.6	<1	13.0	<0.5	<2	0.0	<0.5	29.7	15.2	7.1	22.0	0.5	<10	<1	0.2	<0.7	0.0	141.0	<1	0.0	1.0	353.0	<2	0.0	<2	<1	<0.6	679.0	<0.3	<0.5	0.0	<2	3.0	<10	8.0
111	53672	0.005	<0.2	0.9	<1.5	<1	28.0	0.5	<2	0.1	0.8	60.0	9.3	7.9	15.0	1.9	<10	1.0	0.2	1.7	0.3	306.0	<1	0.0	5.0	711.0	<2	0.0	<2	2.0	<0.6	951.0	<0.3	3.6	0.0	<2	13.0	<10	19.0
112	53673	0.006	<0.2	2.0	3.6	<1	41.0	0.8	<2	0.1	1.3	82.8	10.6	9.8	128.0	3.9	<10	<1	0.2	3.9	1.0	492.0	<1	0.0	10.0	1111	<2	0.0	<2	7.0	0.7	1968	<0.3	5.1	0.0	<2	30.0	<10	34.0
113	53674	0.003	<0.2	1.0	6.6	2.0	25.0	1.1	<2	0.0	<0.5	52.4	13.2	6.4	242.0	1.3	<10	<1	0.2	2.2	0.2	273.0	<1	0.0	4.0	325.0	<2	0.0	<2	2.0	0.7	867.0	<0.3	<0.5	0.0	<2	7.0	<10	15.0
114	53675	0.002	<0.2	1.0	3.3	<1	25.0	1.1	<2	0.0	<0.5	54.4	12.5	4.9	246.0	1.3	<10	<1	0.2	2.2	0.2	284.0	<1	0.0	3.0	324.0	4.0	0.0	<2	2.0	<0.6	1007	<0.3	<0.5	0.0	<2	8.0	<10	11.0
115	53676	0.003	<0.2	1.7	2.8	2.0	52.0	1.1	<2	0.1	1.3	90.6	12.0	8.8	40.0	3.6	11.0	<1	0.3	2.7	0.6	542.0	<1	0.0	8.0	944.0	<2	0.0	<2	5.0	<0.6	1591	0.7	3.3	0.0	<2	22.0	<10	36.0
116	53677	0.008	<0.2	2.6	4.1	<1	37.0	1.0	<2	0.1	1.5	79.6	16.1	38.1	59.0	4.5	15.0	<1	0.2	5.6	1.4	490.0	<1	0.0	24.0	1123	<2	0.0	<2	10.0	<0.6	1750	<0.3	7.6	0.0	3.0	58.0	<10	42.0
117	53678	0																																					

6	53606	1.892	0.5	0.2	3.8	<1	4.0	<0.5	<2	0.0	<0.5	2.8	6.1	54.7	430.0	1.0	<10	<1	0.0	<0.7	0.0	14.0	8.0	0.1	4.0	30.0	2.0	0.1	<2	<1	<0.6	839.0	0.9	0.8	0.0	<2	3.0	<10	
7	53609	0.105	<0.2	0.4	4.4	<1	61.0	<0.5	<2	0.2	<0.5	33.3	28.9	62.0	14.0	0.8	<10	<1	0.0	0.9	0.0	182.0	1.0	0.1	5.0	142.0	5.0	0.1	<2	<1	<0.6	1061.0	2.3	1.9	0.0	<2	2.0	<10	
8	53610	0.017	<0.2	0.4	<1.5	1.0	4.0	<0.5	<2	0.0	<0.5	4.2	32.8	98.2	8.0	1.2	<10	<1	0.0	1.0	0.2	55.0	<1	0.0	8.0	59.0	3.0	0.0	<2	<1	<0.6	>2,000	3.8	<0.5	0.0	<2	9.0	<10	
9	53611	0.013	<0.2	0.3	1.8	2.0	31.0	<0.5	<2	0.0	<0.5	50.3	1.3	70.5	2.0	1.2	<10	<1	0.2	<0.7	0.0	36.0	<1	0.1	2.0	39.0	3.0	<0.0001	<2	<1	<0.6	940.0	<0.3	1.0	0.0	<2	<1	<10	
10	53617	0.025	<0.2	0.2	<1.5	<1	6.0	<0.5	<2	0.0	<0.5	44.6	6.2	62.0	<1	0.5	<10	<1	0.0	<0.7	0.1	42.0	<1	0.1	5.0	68.0	<2	0.1	<2	1.0	<0.6	591.0	0.4	1.7	0.0	<2	2.0	<10	7.0
11	51798	0.020	<0.4	0.2	<3.6	<1	5.0	<0.5	<2	0.0	<0.7	1.4	18.1	42.4	6.0	0.9	<10	<7	0.1	<0.8	0.0	275.0	5.0	<0.01	5.0	17.0	<2	0.0	<2	<8	<2	3552.0	<4.6	<0.5	0.0	<10	<1	<10	8.0
12	51799	0.023	<0.4	0.7	<3.6	<1	41.0	<0.5	<2	0.1	<0.7	7.4	16.1	31.9	7.0	0.8	<10	<7	0.1	2.3	0.0	1030.0	2.0	0.2	5.0	76.0	<2	0.2	<2	<8	<2	16140.0	<4.6	2.3	0.0	<10	2.0	<10	8.0
13	51800	0.022	<0.4	0.8	<3.6	<1	42.0	<0.5	<2	0.1	<0.7	6.9	16.2	31.5	6.0	0.8	<10	<7	0.2	2.4	0.0	947.0	2.0	0.2	5.0	80.0	2.0	0.2	<2	<8	<2	16354.0	<4.6	2.3	0.0	<10	2.0	<10	8.0
14	51802	0.005	<0.4	0.2	<3.6	<1	2.0	<0.5	<2	0.0	<0.7	2.2	5.9	41.8	3.0	1.3	<10	<7	0.0	0.8	0.1	60.0	2.0	0.0	5.0	26.0	<2	0.1	<2	<8	<2	1534.0	<4.6	<0.5	0.0	<10	6.0	<10	8.0
15	51803	0.030	<0.4	0.4	<3.6	<1	15.0	<0.5	<2	0.0	<0.7	6.9	16.2	33.9	5.0	0.6	<10	<7	0.2	<0.8	0.0	44.0	4.0	0.0	5.0	79.0	3.0	0.1	<2	<8	<2	3940.0	<4.6	0.7	0.0	<10	4.0	<10	8.0
16	51806	2.910	1.9	1.0	5.0	3.0	10.0	<0.5	5.0	0.3	1.4	100.7	17.3	20.4	5827.0	4.5	<10	<7	0.1	3.5	0.4	290.0	<2	0.3	8.0	574.0	<2	0.2	<2	9.0	<2	10923.0	<4.6	2.8	0.1	<10	87.0	<10	17.0
17	53607	0.023	<0.2	1.3	5.6	<1	59.0	0.8	<2	0.5	<0.5	44.3	14.6	34.9	141.0	2.7	<10	<1	0.4	3.7	0.4	771.0	<1	0.0	6.0	748.0	4.0	0.1	<2	2.0	<0.6	>2,000	3.2	2.5	0.0	<2	29.0	<10	
18	53608	0.013	<0.2	0.3	<1.5	3.0	9.0	<0.5	<2	0.1	<0.5	4.9	1.3	3.9	9.0	0.3	<10	<1	0.1	4.8	0.2	47.0	<1	2.0	<1	98.0	3.0	0.0	<2	<1	<0.6	801.0	3.6	11.4	0.0	<2	7.0	<10	
19	53612	0.375	0.7	0.8	113.6	3.0	39.0	<0.5	3.0	1.9	0.7	33.3	94.4	49.7	3181.0	2.6	<10	<1	0.4	1.2	0.2	951.0	<1	0.0	15.0	491.0	3.0	0.2	<2	2.0	<0.6	>2,000	7.5	7.2	0.0	<2	25.0	<10	
20	51805	6.188	<0.4	0.2	16.9	<1	16.0	<0.5	5.0	0.8	1.1	11.0	282.5	35.2	1677.0	3.7	<10	<7	0.1	<0.8	0.0	172.0	2.0	<0.01	52.0	91.0	4.0	3.3	<2	<8	<2	6982.0	<4.6	3.8	0.0	<10	<1	<10	8.0
21	51801	0.005	<0.4	0.5	<3.6	2.0	2.0	<0.5	<2	0.0	<0.7	0.8	2.7	47.3	4.0	1.3	<10	<7	0.0	1.7	0.7	75.0	<2	0.0	6.0	38.0	<2	0.0	<2	<8	<2	3310.0	<4.6	<0.5	0.0	<10	19.0	<10	10.0
22	54226	0.120	<0.4	0.2	<3.6	<1	5.0	<0.5	<2	0.0	<0.7	1.4	18.1	42.4	44.0	1.6	<10	<1	0.3	1.7	0.2	46.0	2.0	0.0	13.0	262.0	5.0	0.4	<2	2.0	<0.6	1027.0	<0.3	0.9	0.0	<2	8.0	<10	
23	54227	1.333	<0.2	1.1	8.7	1.0	29.0	0.6	<2	0.0	<0.5	56.8	21.7	26.5	1205.0	1.2	<10	<1	0.0	1.0	0.2	55.0	<1	0.0	8.0	59.0	3.0	0.0	<2	<1	<0.6	>2,000	3.8	<0.5	0.0	<2	9.0	<10	

SECTOR TOTORA - TOTORITA

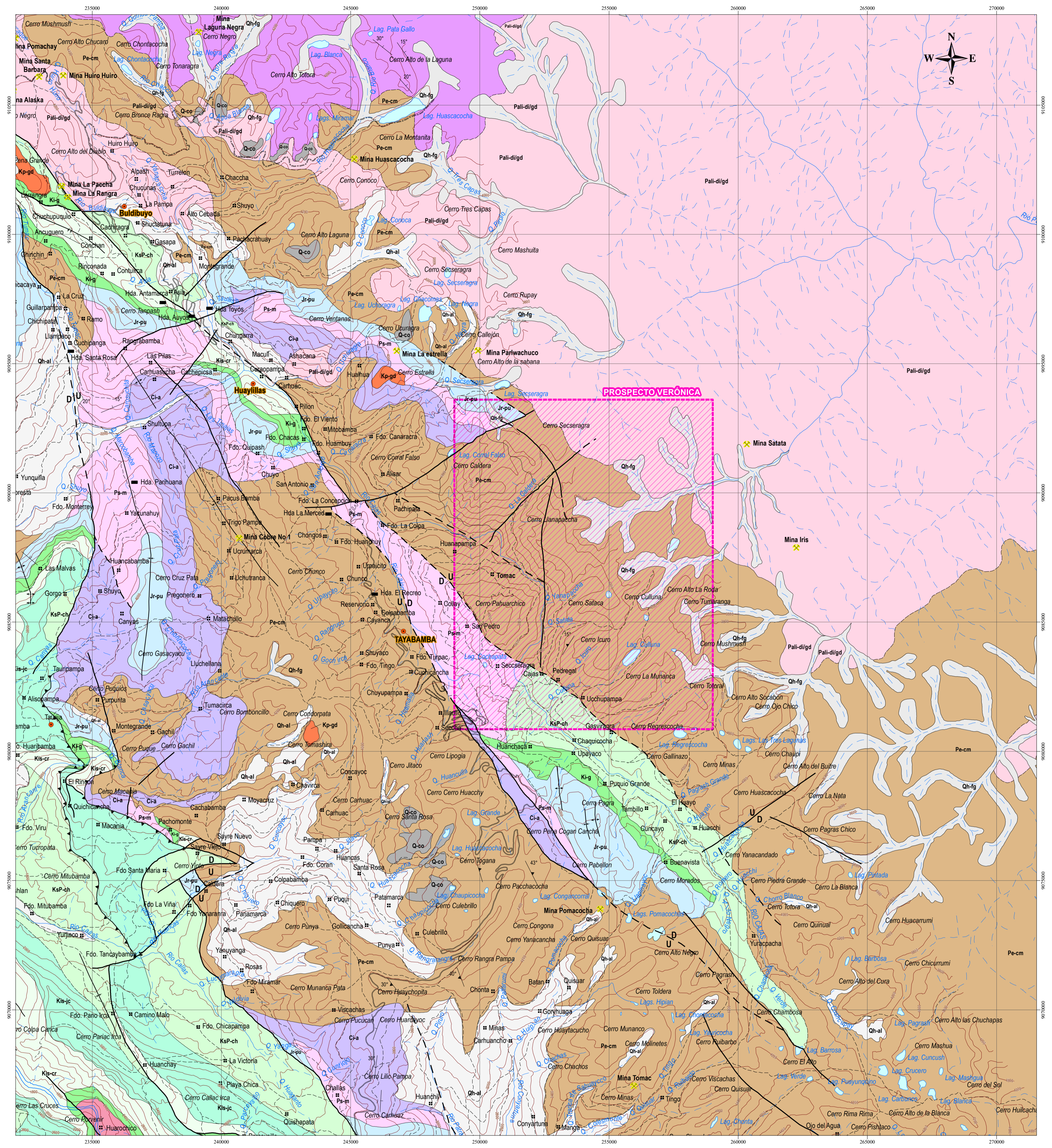
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1	51694	0.397	2.6	0.1	365.9	2.0	767.0	<0.5	33.0	0.0	6.4	1.7	13.2	5.6	15300.0	>15,000	17.0	<1	0.1	<0.7	0.0	178.0	8.0	<0.01	8.0	346.0	106.0	0.1	31.0	0.8	>2 000	<0.3	7.0	<0.001	<2	17.0	<10	43.0	
2	51695	0.148	0.4	0.2	93.3	2.0	156.0	<0.5	19.0	0.1	0.9	15.1	31.3	5.1	12400.0	2.7	<10	<1	0.2	<0.7	0.0	544.0	2.0	<0.01	16.0	483.0	13.0	0.1	<2	2.0	<0.6	993.0	<0.3	3.1	<0.001	<2	16.0	<10	22.0
3	51696	0.258	0.5	0.1	8.0	1.0	33.0	<0.5	51.0	0.6	<0.5	6.0	8.1	8.8	856.0	0.6	<10	<1	0.1	<0.7	0.0	540.0	<1	<0.01	4.0	128.0	5.0	0.0	<2	<1	<0.6	791.0	<0.3	2.5	<0.001	3.0	4.0	<10	8.0
4	51793	0.497	<0.4	0.5	4.3	2.0	20.0	<0.5	<2	0.2	<0.7	<0.7	7.0	46.4	229.0	1.4	<10	<7	0.2	2.5	0.2	320.0	<2	0.0	13.0	86.0	6.0	0.0	<2	<8	<2	1419.0	<4.6	2.2	0.0	<10	24.0	<10	24.0
5	51794	0.482	<0.4	1.1	3.6	<1	26.0	<0.5	<2	0.1	0.9	2.3	32.9	108.1	259.0	3.3	<10	<7	0.1	5.2	0.7	1051.0	<2	0.0	40.0	131.0	<2	0.1	<2	10.0	<2	1431.0	<4.6	<0.5	0.0	<10	49.0	<10	36.0
6	51795	0.037	<0.4	1.2	4.0	<1	10.0	<0.5	<2	0.1	1.0	2.8	50.5	103.0	29.0	3.6	<10	<7	0.1	7.0	0.8	820.0	<2	0.0	39.0	125.0	2.0	0.1	<2	<8	<2	1766.0	<4.6	<0.5	0.0	<10	53.0	<10	32.0
7	51796	0.122	<0.4	0.1	<3.6	<1	12.0	<0.5	116.0	0.0	<0.7	18.4	0.9	30.0	20.0	0.3	<10	<7	0.1	<0.8	0.0	60.0	<2	<0.01	3.0	32.0	17.0	<0.01	<2	<8	<2	2261.0	<4.6	1.7	0.0	<10	4.0	<10	6.0
8	51797	0.127	<0.4	0.1	6.6	<1	670.0	<0.5	<2	0.0	<0.7	7.3	1.0	36.0	65.0	0.4	<10	<7	0.1	0.9	0.0	44.0	4.0	<0.01	5.0	67.0	3.0	0.0	<2	<8	<2	2000.0	<4.6	11.9	0.0	<10	4.0	<10	7.0
9	53713	0.138	11.7	6.0	2087.0	<1	26.0	0.5	45.0	0.2	25.0	2.2	450.2	122.5	1341.0	>15,000	20.0	<7	0.0	48.3	4.0	1982.0	4.0	<0.01	50.0	442.0	1780.0	6.1	20.0	30.0	9.0	7289.0	<4.6	<0.5	0.1	<10	226.0	54.0	3946.0
10	53714	0.005	<0.4	0.8	9.0	1.0	31.0	<0.5	<2	0.0	<0.7	8.1	5.4	65.4	12.0	1.6	<10	<7	0.1	7.0	0.7	703.0	<2	<0.01	15.0	62.0	<2	0.0	<2	<8	<2	4569.0	<4.6	<0.5	0.0	<10	34.0	<10	25.0

SECTOR CRUZ GRANDE

N°	MUESTRA	Au g/tm	Ag_ppm	Al_ %	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_ %	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_ %	Ga_ppm	Hg_ppm	K_ %	Li_ppm	Mg_ %	Mn_ppm	Mo_ppm	Na_ %	Ni_ppm	P_ppm	Pb_ppm	S_ %	Sb_ppm	Sc_ppm	Se_ppm	Si_ppm	Sn_ppm	Sr_ppm	Ti_ %	Tl_ppm	V_ppm	W_ppm	Zn_ppm
1	53613	3.293	0.3	0.5	<1.5	<1	20.0	<0.5	<2	0.2	0.5	43.9	29.6	107.2	16.0	1.5	<10	<1	0.1	<0.7	0.0	5534.0	<1	<0.01	4.0	73.0	5.0	0.1	<2	11.0	<0.6	826.0	0.8	0.5	0.0	<2	5.0	<10	8.0
2	53622	0.015	<0.2	0.2	<1.5	<1	491.0	<0.5	<2	2.5	<0.5	12.4	11.8	121.5	<1	0.4	<10	<1	0.1	<0.7	0.0	847.0	<1	0.0	3.0	60.0	<2	0.0	3.0	2.0	<0.6	124.0	3.1	31.8	<0.001	<2	3.0	<10	5.0
3	51804	0.020	<0.4	0.7	<3.6	<1	6.0	<0.5	<2	0.1	<0.7	9.0	8.0	47.8	4.0	1.4	<10	<7	0.1	2.4	0.4	202.0	<2	0.0	9.0	160.0	<2	0.0	<2	<8	<2	5014.0	<4.6	1.2	0.0	<10	28.0	<10	12.0
4	53615	0.005	<0.2	0.3	2.9	<1	7.0	<0.5	<2	0.0	<0.5	5.2	2.6	31.1	<1	0.9	<10	1.0	0.0	<0.7	0.0	51.0	<1	0.1	1.0	<10	3.0	0.0	<2	<1	2.4	831.0	2.0	<0.5	0.0	<2	2.0	18.0	6.0
5	53616	0.013	0.5	1.5	52.1	5.0	144.0	1.0	<2	2.1	0.7	15.4	41.0	100.0	61.0	7.1	11.0	<1	0.2	11.5	1.4	4709.0	<1	0.0	47.0	<10	8.0	<0.0001	4.0	12.0	<0.6	1195.0	6.1</						

RELACIÓN DE SONDAJES DIAMANTINOS PROPUESTOS

Plataforma	Collar	Este	Norte	Cota	Azimut	Dip	Long (m) Prioridad I	Long (m) Prioridad II	Prioridad
PLAT-01	DDHSI-01	254645	9085977	3870	48	-45	350	-	I
	DDHSI-02	254645	9085977	3870	305	-45	430	-	I
PLAT-02	DDHSI-03	254950	9085835	3860	300	-45	370	-	I
PLAT-03	DDHSI-04	254298	9086645	3720	290	-45	300	-	I
PLAT-04	DDHSI-05	253900	9086600	3810	340	-45	190	-	I
	DDHSI-06	253900	9086600	3810	260	-45	310	-	I
PLAT-05	DDHSI-07	254570	9086590	3725	50	-45	-	300	II
	DDHSI-08	254570	9086590	3725	115	-45	-	280	II
PLAT-06	DDHSI-09	254812	9085593	3990	90	-50	-	260	II
	DDHSI-10	254812	9085593	3990	340	-45	-	500	II
	DDHSI-11	254812	9085593	3990	160	-45	-	380	II
PLAT-07	DDHSI-12	254150	9086070	3800	125	-50	-	250	II
PLAT-08	DDHSI-13	255215	9084552	4030	288	-45	200	-	I
	DDHSI-14	255215	9084552	4030	255	-45	200	-	I
PLAT-09	DDHSI-15	255150	9084782	3995	270	-50	210	-	I
PLAT-10	DDHSI-16	254472	9085530	4050	0	-50	200	-	I
PLAT-11	DDHSI-17	254168	9085448	4000	300	-45	220	-	I
PLAT-12	DDHSI-18	254814	9085152	3890	120	-45	-	380	II
	DDHSI-19	254814	9085152	3890	55	-45	-	360	II
PLAT-13	DDHSI-20	254510	9087253	4030	270	-45	-	240	II
	DDHSI-21	254510	9087253	4030	300	-45	-	270	II
SUB - TOTAL							2980	3220	
TOTAL (m)								6200	



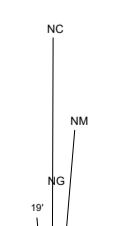
LEYENDA

ERATEMA	SISTEMA	SERIE	UNIDADES LITOSTRATIGRÁFICAS	ROCAS INTRUSIVAS
CENOZOICA	CUATERNARIO	HOLOCENO	Depositos Coluviales	Qh-co
			Depositos Aluviales	Qh-a
			Depositos Fluvioglaciales	Qh-fg
NEOGENO	PALEOGENO	DISC. AND.		
MESOZOICA	CRETACEO	Superior	Fm. Chota	KsP-ch
		Inferior	Fm. Gramajala	KsP-gr
	JURASICO	Superior	Gpo. Goylla	Jr-pu
		Inferior	Gpo. Pucara	Jr-pu
	TRIASICO	Superior	Gpo. Mtu	Ps-m
		Inferior	Volcanes andesíticos	Qsp-l
PALEOZOICA	PERMIICO	Superior	Gpo. Andro	Ck-a
		Inferior	Granito	Pa-l
NEOPROTEROZOICA	INFERIOR		Granito	Pa-l
			Granito	Pa-l

REPUBLICA DEL PERU
 MINISTERIO DE ENERGIA Y MINAS
 INSTITUTO GEOLOGICO MINERO Y METALURGICO
MAPA GEOLOGICO DEL CUADRANGULO DE TAYABAMBA
 DEPARTAMENTO DE ANCASH

0 10 Kilómetros

ESCALA: 1 : 100 000
 VERSION DIGITAL ACTUALIZADA A 1995



DECLINACION MAGNETICA APROXIMADA EN 1995
 PARA TODA LA HOJA
 VARIA ANUALMENTE 11.0' OESTE

INDICE DE CUADRANGULOS		
Pataz 16-h	Jucumbamba 16-i	Povora 16-j
Pallasca 17-h	Tayabamba 17-i	Toache 17-j
Corongo 18-h	Pomabamba 18-i	Singa 18-j

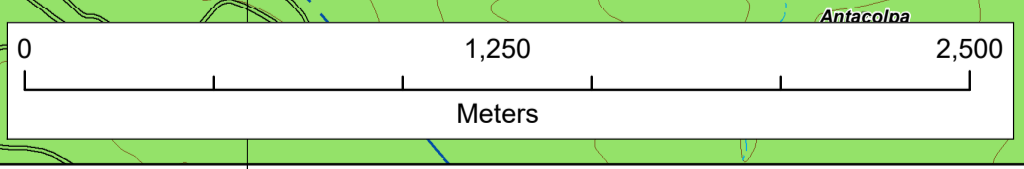
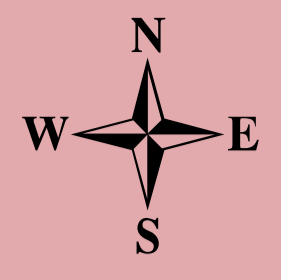
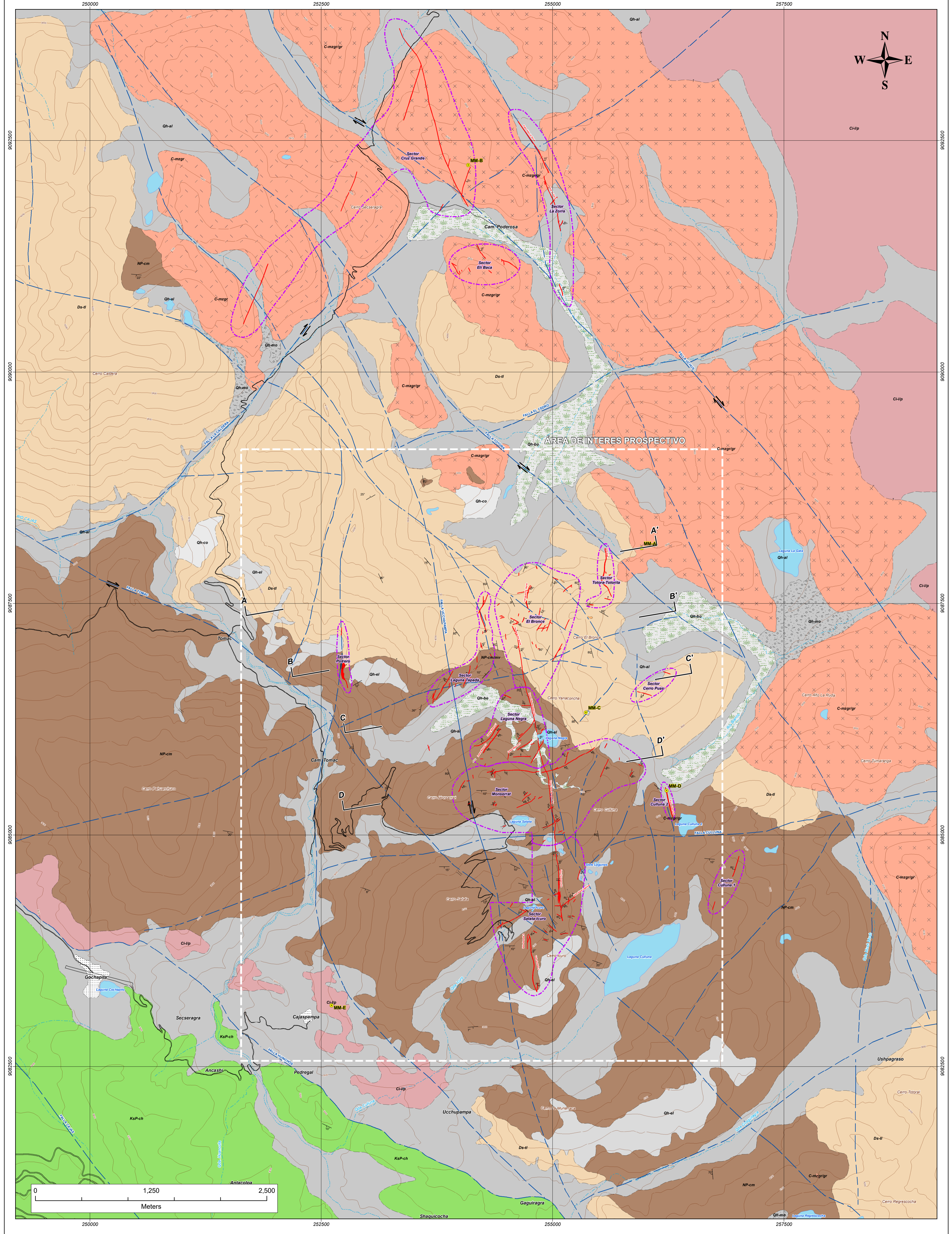
SÍMBOLOS

- ↖ ↗ ↘ ↙ Rumbo y buzamiento de estratos
- ↖ ↗ ↘ ↙ Rumbo y buzamiento de estratos invertidos
- ↖ ↗ ↘ ↙ Rumbo e inclinación de esquistocidad
- ↖ ↗ ↘ ↙ Rumbo fotointerpretado de estratos con buzamiento suave
- ↖ ↗ ↘ ↙ Rumbo fotointerpretado de estratos con buzamiento moderado
- ↖ ↗ ↘ ↙ Contacto geológico conocido
- ↖ ↗ ↘ ↙ Contacto geológico inferido
- ↖ ↗ ↘ ↙ Eje de sinclinal acostado
- ↖ ↗ ↘ ↙ Eje de anticlinal
- ↖ ↗ ↘ ↙ Eje de sinclinal
- ↖ ↗ ↘ ↙ Falla normal
- ↖ ↗ ↘ ↙ Falla de inferida
- ↖ ↗ ↘ ↙ Lineamiento
- ↖ ↗ ↘ ↙ Sobrecorrimiento
- ✦ Mina
- Carretera afirmada
- - - Carretera carrozable
- - - Carretera de herradura

UNIVERSIDAD NACIONAL DEL ALTIPLANO
 FACULTAD DE INGENIERIA GEOLOGICA Y METALURGICA
 ESCUELA PROFESIONAL DE INGENIERIA GEOLOGICA

PROSPECTO VERÓNICA, TAYABAMBA – LA LIBERTAD

REVISADO: INGEMMET	MAPA GEOLÓGICO REGIONAL	ESCALA: 1:80,000
FOR: INGEMMET		FECHA: Julio, 2019
UBICACIÓN: Tayabamba - Pataz - La Libertad	PROYECTO: Tesis	
SISTEMA DE PROYECCIÓN: WG-84	U.T.M ZONA: 18-S	LAMINA Nº: 01



LEYENDA		SIMBOLOS	
	Qh-co Deposito coluvial.		K-md Diques microdioriticos.
	Qh-el Deposito eluvial.		C-mzgr/gr Intrusivo, monzogranito/granito.
	Qh-bo Deposito botedal.		C-mzgr Intrusivo, monzogranito.
	Qh-al Deposito aluvial.		Ci-lp Toba dacitica/traquiandesitica (Fm. Lavasén).
	Qh-mo Depositos morrenico.		Ds-ll Lava basaltica basica a andesitica (Fm. Tres Lagunas).
	KSp-ch Areniscas rojizas (Fm. Chota).		NP-cm Fittita con trama esquistosa (Complejo del Marañón).
	Contacto inferido.		Contacto interpretado.
	Falla.		Bocamina.
	Movimiento dextral.		Muestra petrografica.
	Estratificacion.		Centro poblado.
	Direccion de buzamiento.		Sectores de trabajo.
	Linea de seccion.		Quebrada / riachuelo.
	Carretera carrozable.		Camino de herradura.
	Curvas de nivel.		Lagos y lagunas.
	Rio.		

UNIVERSIDAD NACIONAL DEL ALTIPLANO
FACULTAD DE INGENIERIA GEOLOGICA Y METALURGICA
ESCUELA PROFESIONAL DE INGENIERIA GEOLOGICA

PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD

MAPA GEOLÓGICO DEL PROSPECTO

REVISADO: Ing. Luis Ortiz G.
POR: Bach. Amidey Argote V.
UBICACIÓN: Tayabamba - Prov. La Libertad

ESCALA 1:20,000

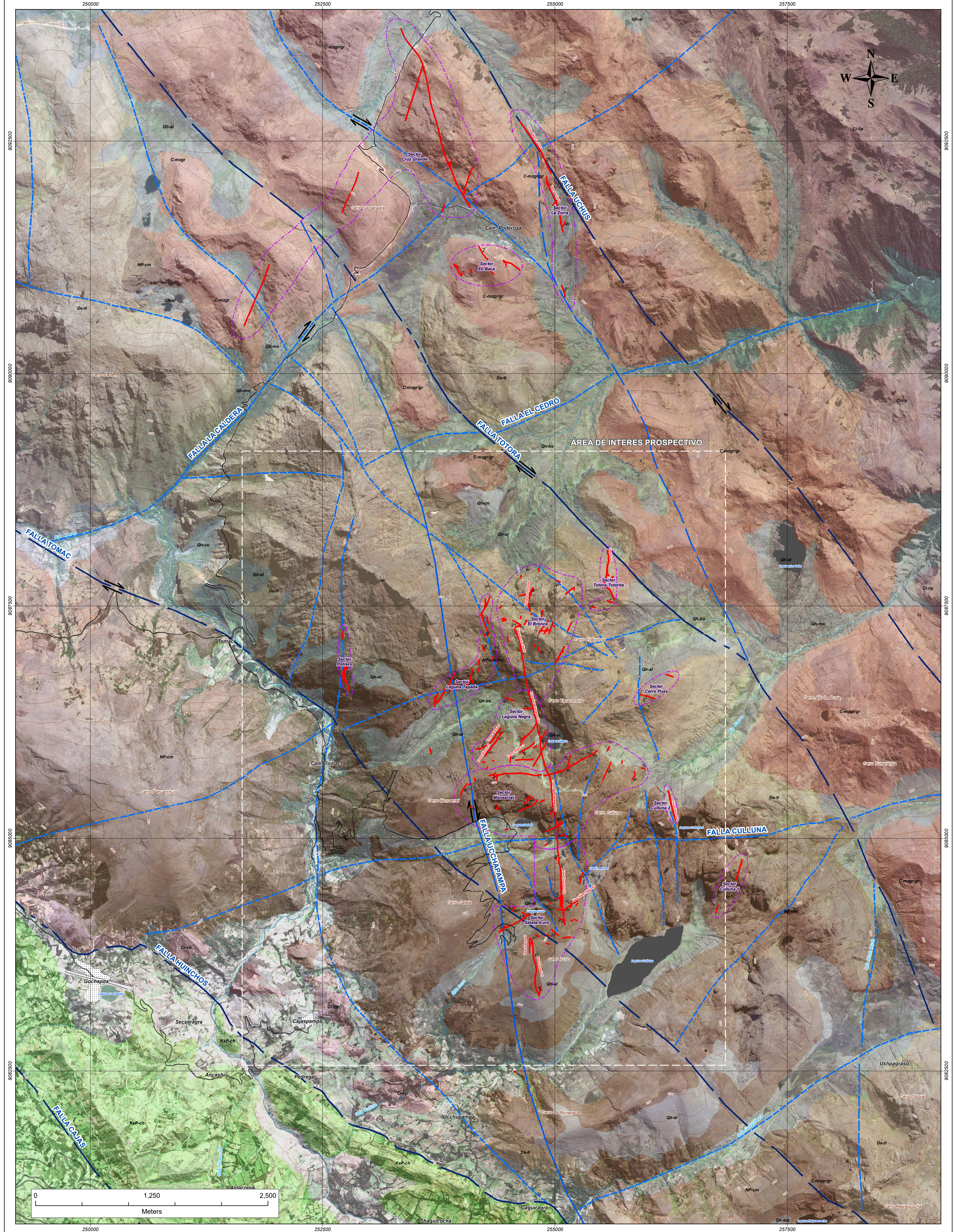
FECHA: Julio, 2019

PROYECTO: Testis

SISTEMA DE PROYECCIÓN: WG-S84

UTM ZONA: 18 - S

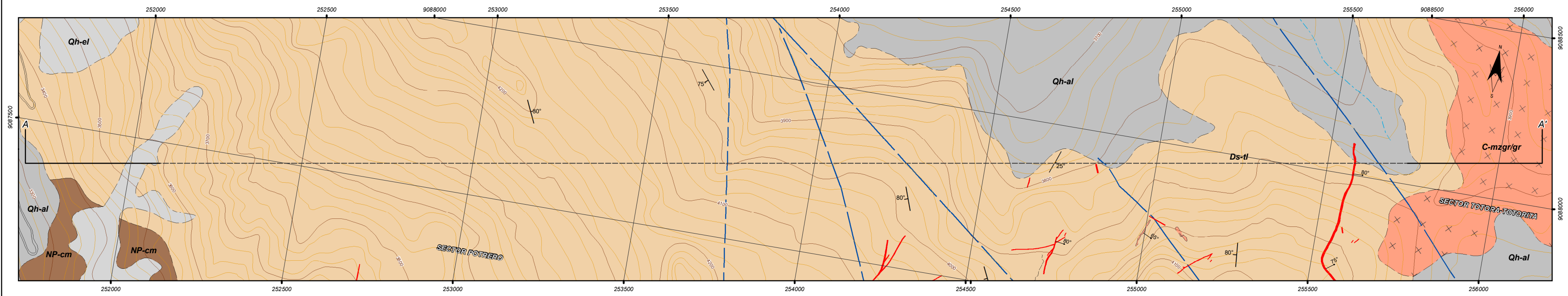
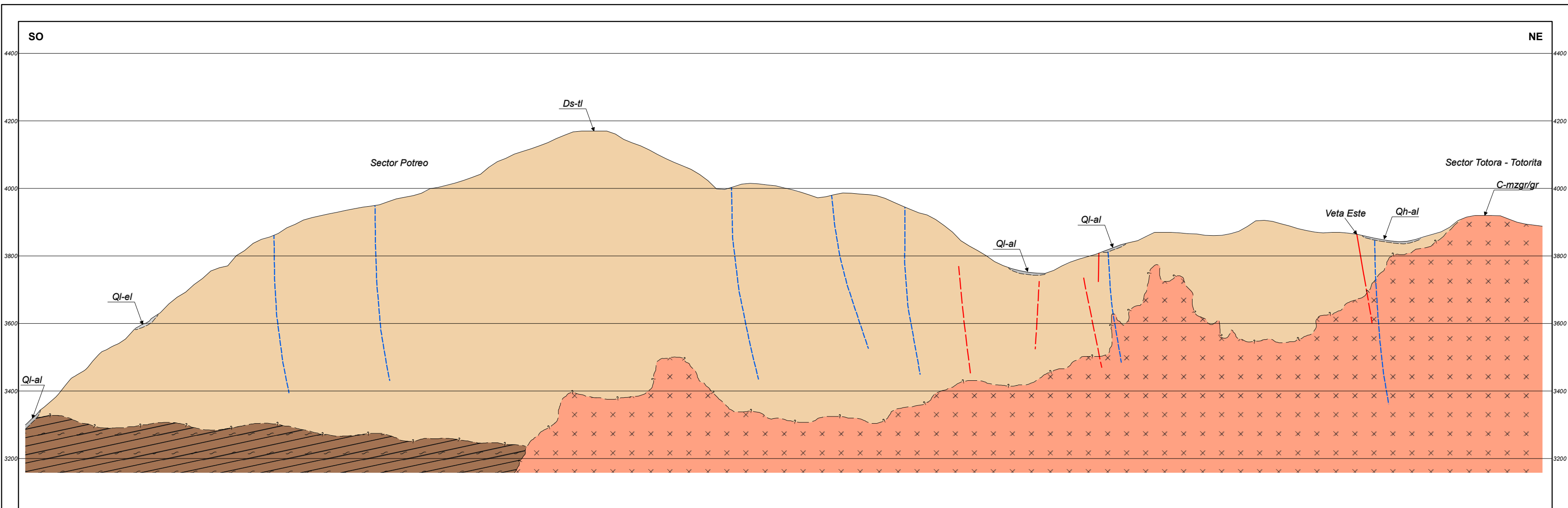
LAMINA N°: 02



LEYENDA	
	Qh-co Depósito coluvial.
	Qh-el Depósito eluvial.
	Qh-bo Depósito botedal.
	Qh-al Depósito aluvial.
	Qh-mo Depósitos morrénico.
	KsP-ch Areniscas rojizas (Fm. Chota).
	K-md Diques microdioríticos.
	C-mzgr/gr Intrusivo, monzogranito/granito.
	C-mzgr Intrusivo, monzogranito.
	Toba dacítica/traquiandesítica (Fm. Lavasen).
	Ds-II Lava basáltica básica a andesítica (Fm. Tres Lagunas).
	NP-cm Filita con trama esquistosa (Complejo del Marañón).

SIMBOLOS	
	Falla 1er orden.
	Falla 2do orden.
	Falla 3er orden.
	Estructuras vetiformes.
	Movimiento dextral.
	Estratificación.
	Dirección de buzamiento.
	Centro poblado.
	Carretera carrozable.
	Camino de herradura.
	Curvas de nivel.
	Río.
	Quebrada / riachuelo.

	UNIVERSIDAD NACIONAL DEL ALTIPLANO FACULTAD DE INGENIERÍA GEOLOGÍA Y METALURGÍA ESCUELA PROFESIONAL DE INGENIERÍA GEOLOGÍA	
	PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD	
REVISADO: Ing. Luis Ortiz G. POR: Bach. Amidey Argote V. UBICACIÓN: Tayabamba - Potosí - La Libertad	MAPA ESTRUCTURAL DEL PROSPECTO	ESCALA: 1:20.000 FECHA: Julio, 2019 PROYECTO: Tesis
SISTEMA DE PROYECCIÓN: WG-S84	UTM ZONA: 18 - S	LAMINA N°: 03

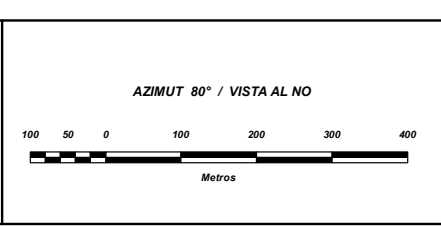


LEYENDA

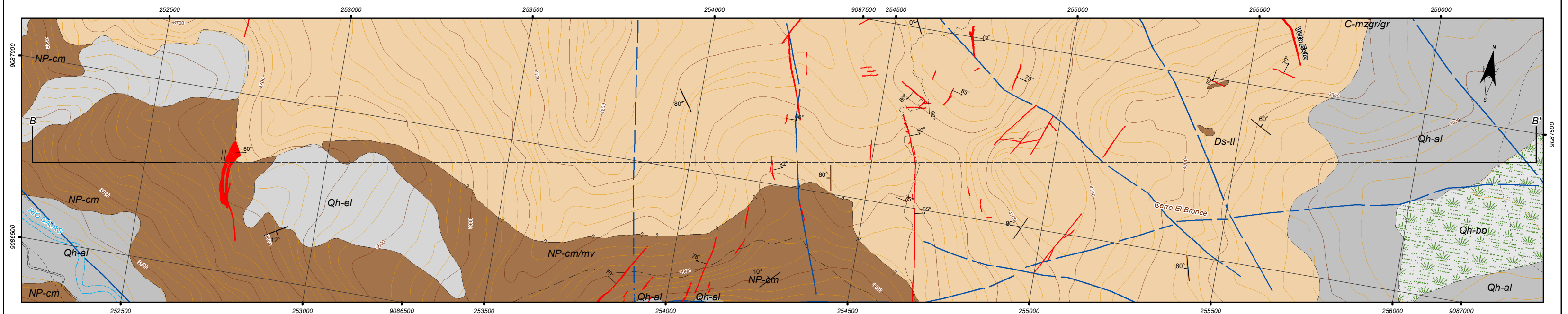
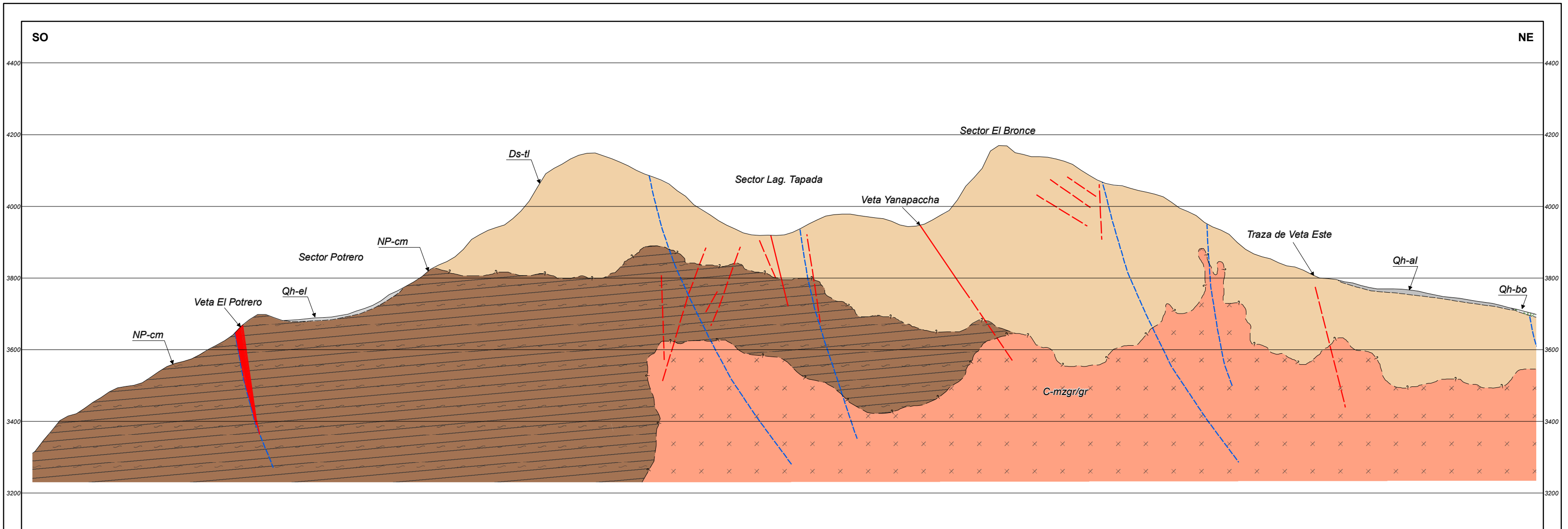
	Qh-el Deposito aluvial.
	Qh-al Deposito aluvial.
	C-mzgr/gr Intrusivo, monzogranito/granito.
	Ds-tl Lava basáltica básica a andesítica (Fm. Tres Lagunas).
	NP-cm Filita con trama esquistosa (Complejo del Marañón).

SIMBOLOS

	Estructuras vetiformes.		Contacto interpretado.		Línea de sección.
	Falla.		Bocamina.		Quebrada / riachuelo.
	Estratificación.		Camino de herradura.		
	Dirección de buzamiento.		Curvas de nivel.		
	Contacto inferido.				



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PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD		
REVISADO: Ing. Luis Ortiz G. POR: Bach. Amidey Argote V.	SECCIÓN GEOLÓGICA A	ESCALA: 1:10,000 FECHA: Mayo, 2019
UBICACIÓN: Tayabamba - Páez - La Libertad PROYECTO: Tesis	SISTEMA DE PROYECCIÓN: WG-S84 U.T.M. ZONA: 18 - S	LAMINA N° 05

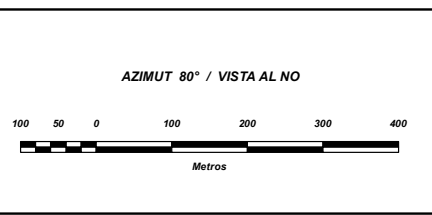


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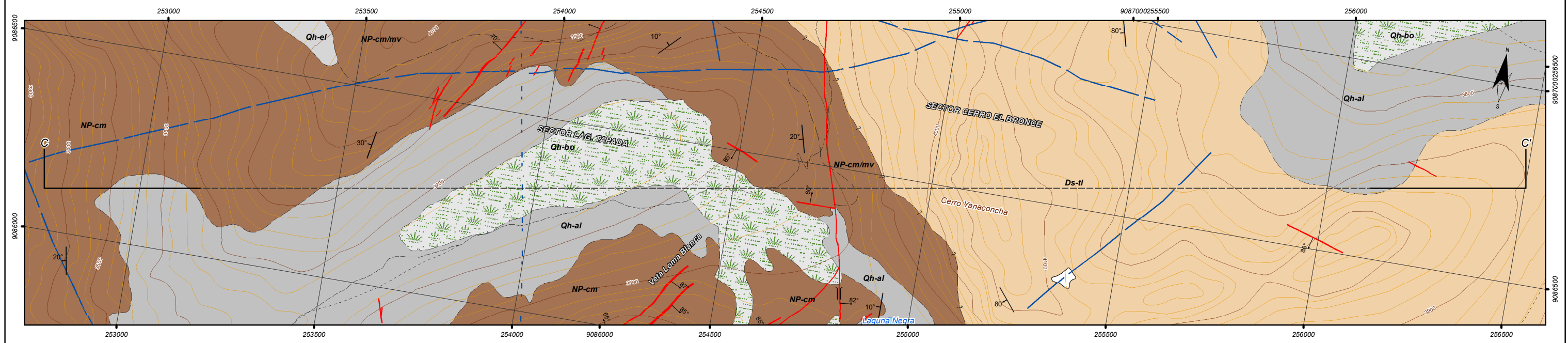
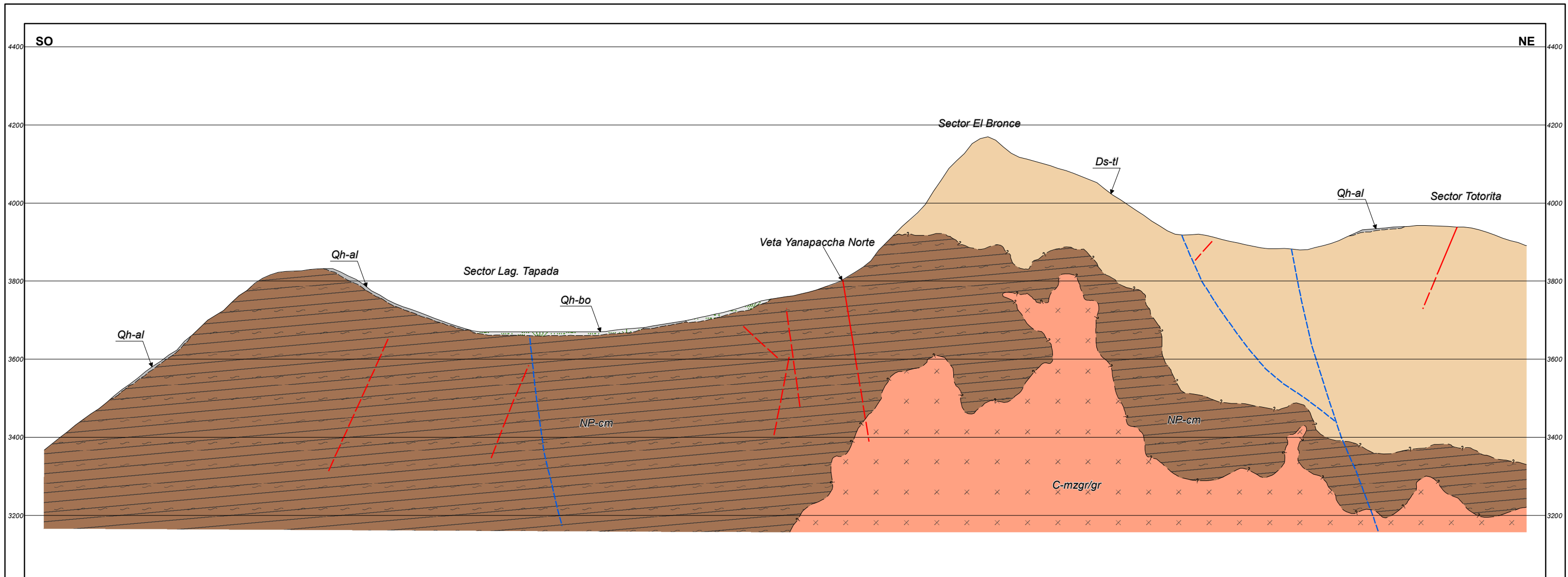
	Qh-el Depósito aluvial.		NP-cm Filita con trama esquistosa (Complejo del Marañón).
	Qh-bo Depósito bofedal.		
	Qh-al Depósito aluvial.		
	C-mzgr/gr Intrusivo, monzogranito/granito.		
	Ds-tl Lava basáltica básica a andesítica (Fm. Tres Lagunas).		

SIMBOLOS

	Estructuras vetiformes.		Contacto inferido.		Curvas de nivel.
	Falla.		Contacto interpretado.		Línea de sección.
	Movimiento dextral.		Bocamina.		Quebrada / riachuelo.
	Estratificación.		Camino de herradura.		
	Dirección de buzamiento.				

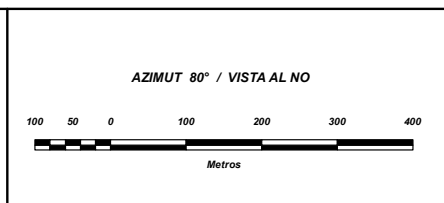


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PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD		
REVISADO: Ing. Luis Ortiz G.	SECCIÓN GEOLÓGICA B	ESCALA 1:10,000
POR: Bach. Amidey Argote V.		FECHA: Mayo, 2019
LUBRICACIÓN: Tayabamba - Patate - La Libertad		PROYECTO: Tesis
SISTEMA DE PROYECCIÓN: WG-SB4	U.T.M. ZONA: 18 - S	LAMINA N° : 06

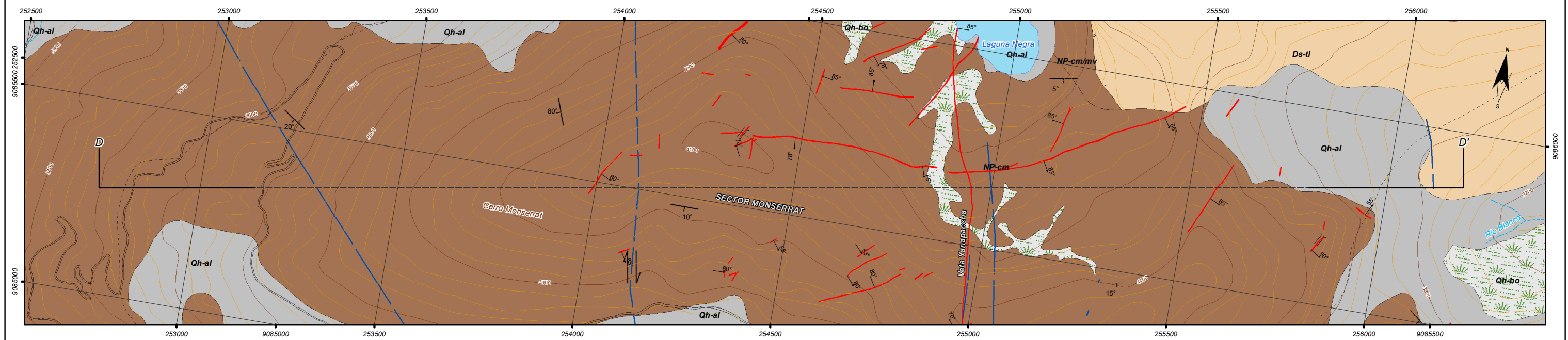
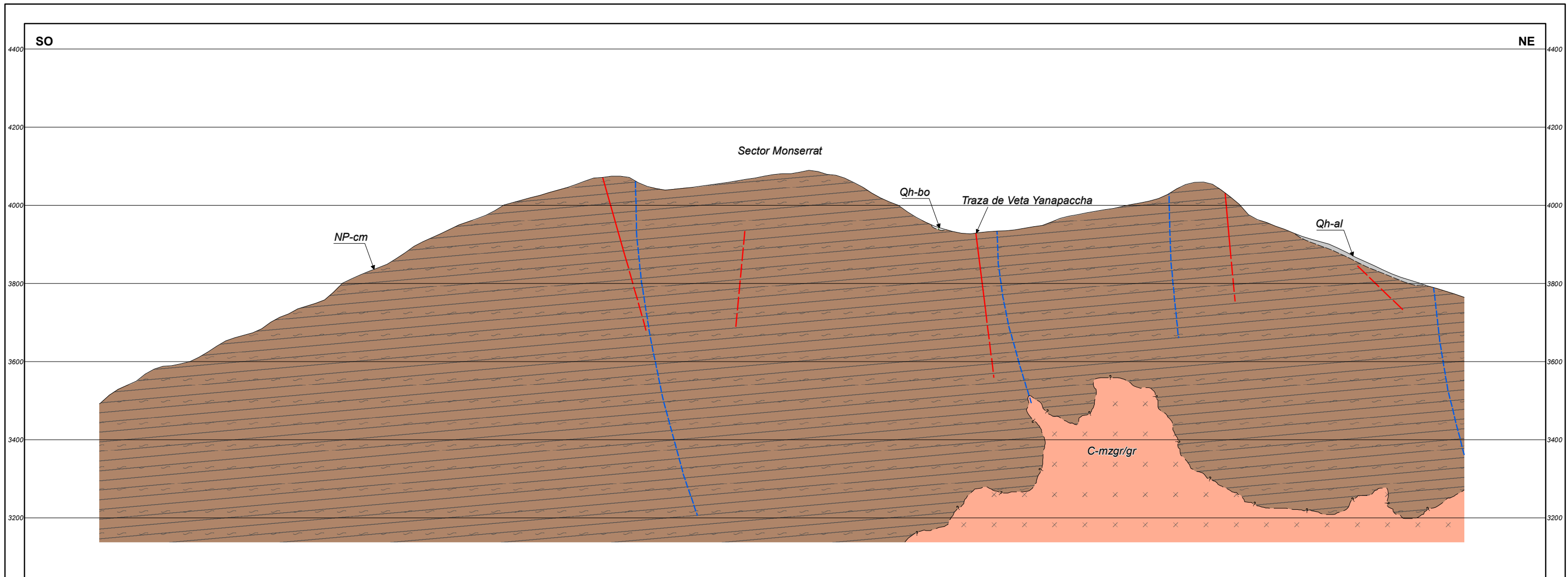


LEYENDA	
	Qh-bo Depósito bofedal.
	Qh-al Depósito aluvial.
	C-mzgr/gr Intrusivo, monzogranito/granito.
	Ds-tl Lava basáltica básica a andesítica (Fm. Tres Lagunas).
	NP-cm Filita con trama esquistosa (Complejo del Marañón).

SIMBOLOS	
	Estructuras vetiformes.
	Falla.
	Movimiento dextral.
	Estratificación.
	Dirección de buzamiento.
	Contacto inferido.
	Contacto interpretado.
	Bocamina.
	Camino de herradura.
	Curvas de nivel.
	Línea de sección.
	Lagos y lagunas.
	Quebrada / riachuelo.



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	PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD	
REVISADO: Ing. Luis Ortiz G. POR: Bach. Amidey Argote V. <small>INSTITUCIÓN: Tayabamba - Potosí - La Libertad</small>	SECCIÓN GEOLOGICA C	ESCALA: 1:10,000 FECHA: Mayo, 2018 PROYECTO: Tests
SISTEMA DE PROYECCIÓN: WG-S84	U.T.M. ZONA: 18 - S	LAMINA N° : 07

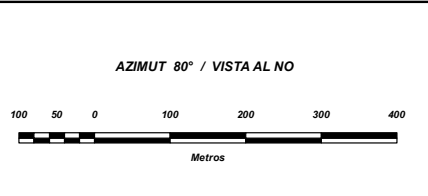


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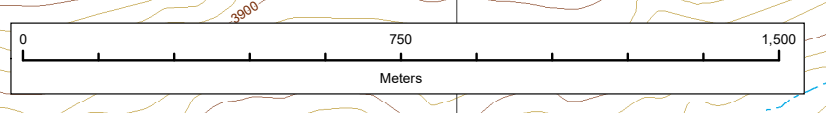
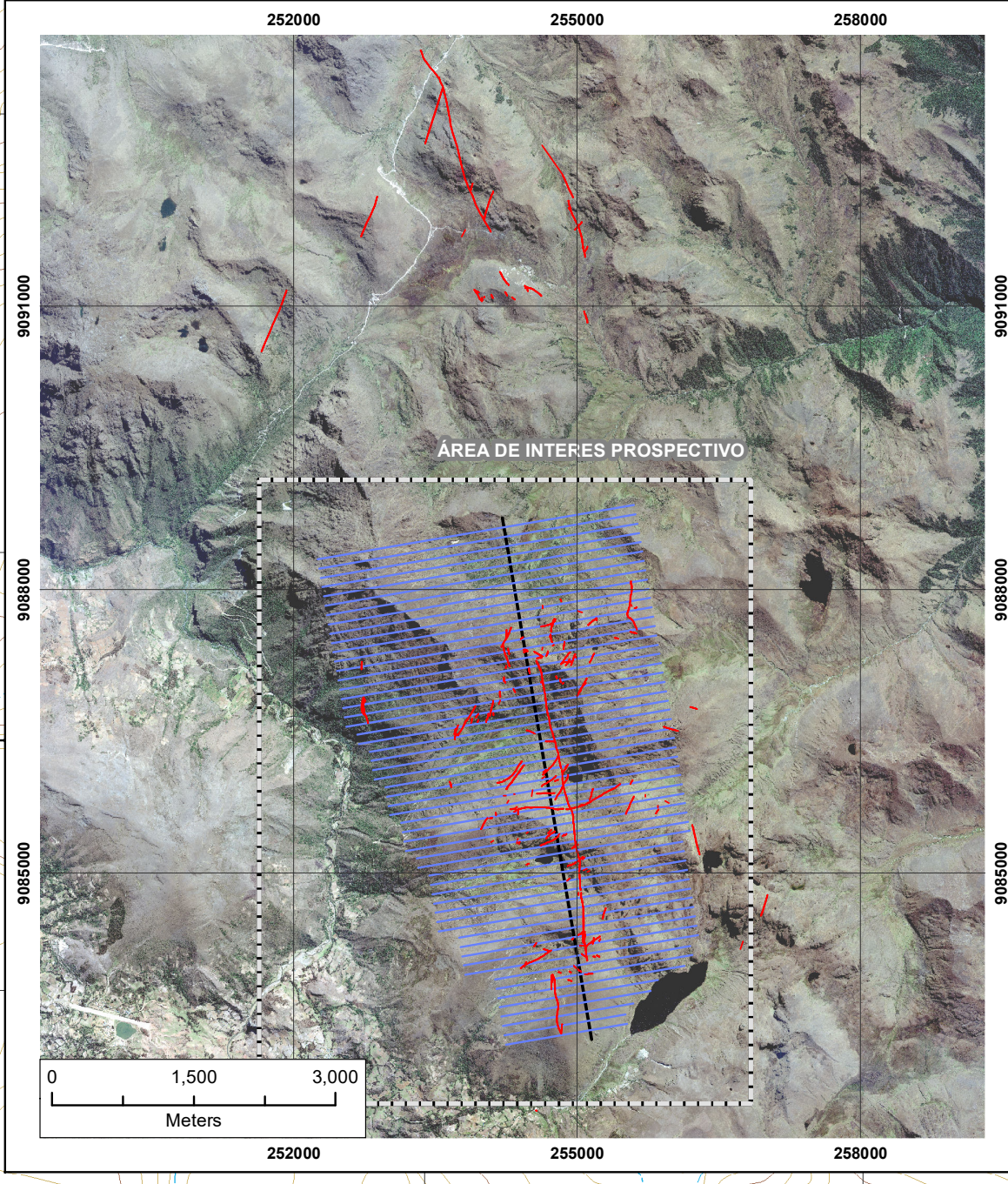
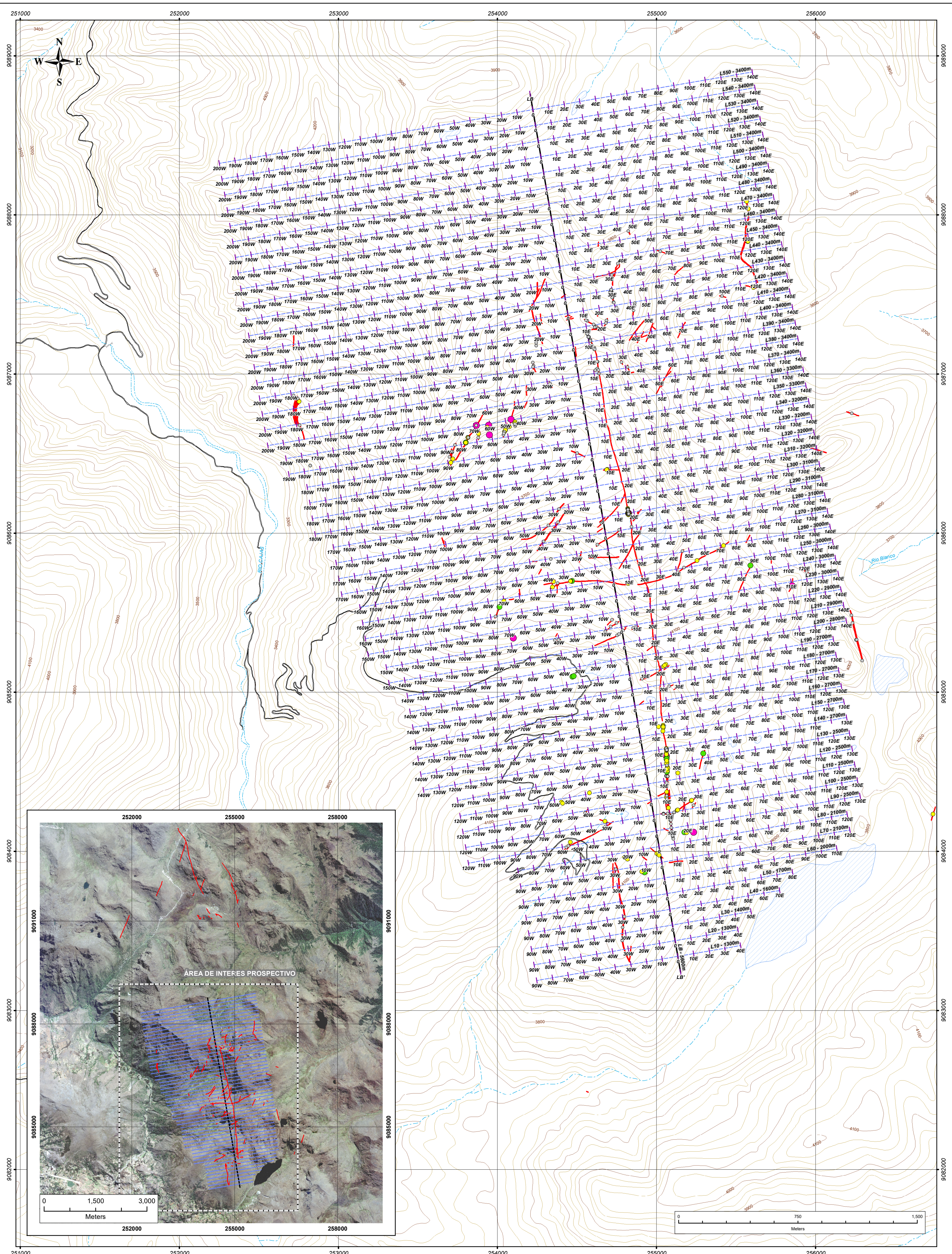
- Qh-bo Depósito bofedal.
- Qh-al Depósito aluvial.
- C-mzgr/gr Intrusivo, monzogranito/granito.
- Ds-ll Lava basáltica básica a andesítica (Fm. Tres Lagunas).
- NP-cm/mv Filita con trama esquistosa (Complejo del Marañón).

SIMBOLOS

- Estructuras vetiformes.
- Falla.
- Estratificación.
- Dirección de buzamiento.
- Contacto inferido.
- Contacto interpretado.
- Bocamina.
- Camino de herradura.
- Curvas de nivel.
- Carretera carrozable.
- Línea de sección.
- Lagos y lagunas.
- Quebrada / riachuelo.

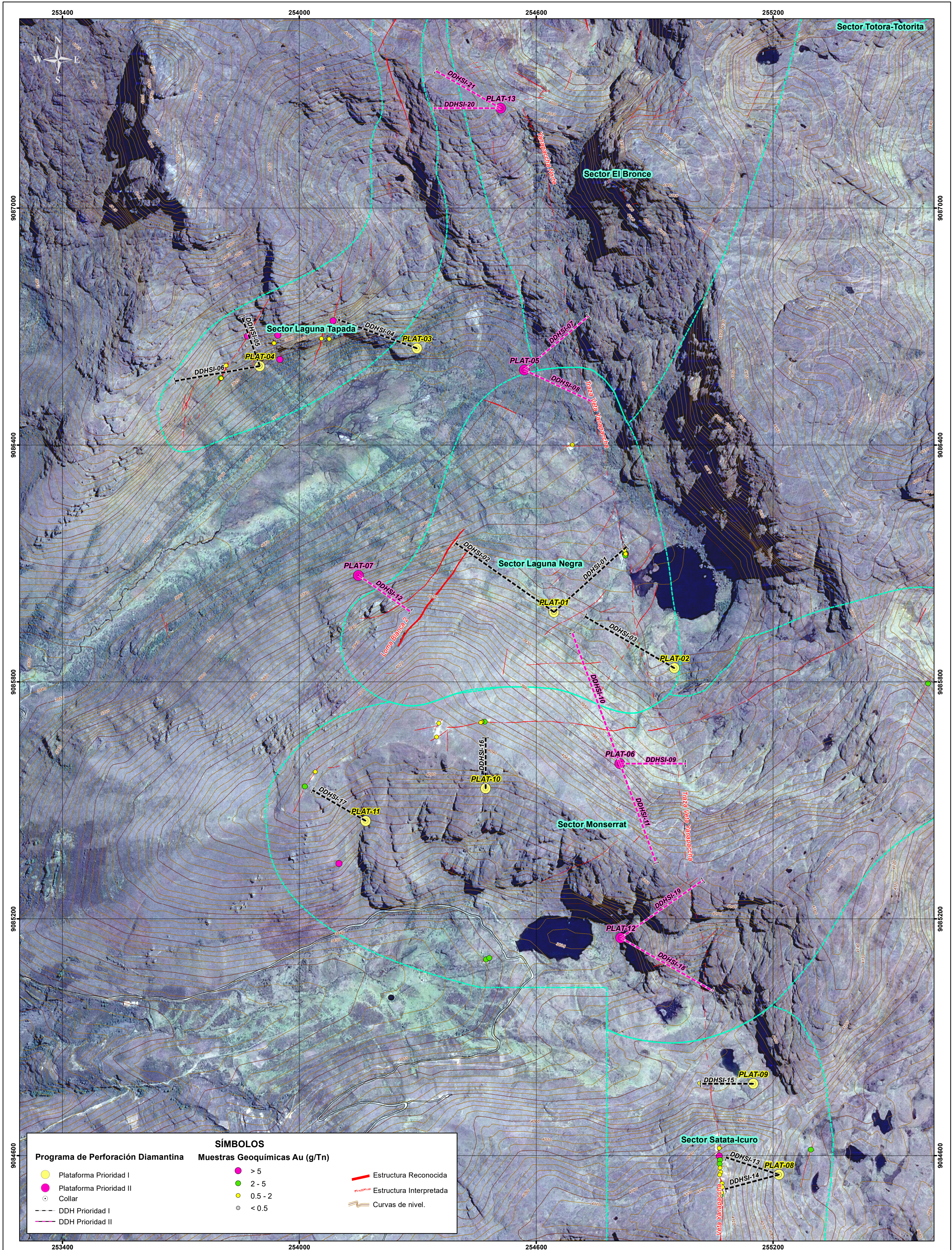


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PROSPECTO VERÓNICA, TAYABAMBA – LA LIBERTAD		
REVISADO: Ing. Luis Ortiz G. POR: Bach. Amidey Argote V. UBICACIÓN: Tayabamba - Pataz - La Libertad	SECCIÓN GEOLÓGICA D	ESCALA: 1:10,000 FECHA: Mayo, 2019 PROYECTO: Tesis
SISTEMA DE PROYECCIÓN: WG-S84		UTM ZONA: 18 - S
LAMINA N° : 08		

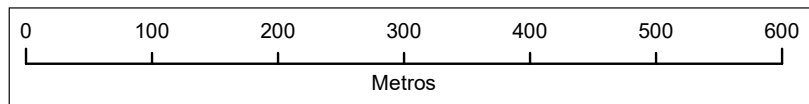


SIMBOLOS		
	Punto de estación geofísica.	
	Línea geofísica.	
	Línea geofísica base.	
	Estructuras vetiformes.	
	Área de interés prospectivo.	
	Carretera carrozable.	
	Lagos y lagunas.	
	Curvas de nivel.	
	Quebrada / rachuelo.	
	Muestras geoquímicas.	
	< 0.1	
	0.1 - 2	
	2 - 5	
	5 - >	

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	PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD	
REVISADO: Ing. Luis Ortiz G. POR: Bach. Amelinda Argente V. UBICACIÓN: Tayabamba - Píez - La Libertad	ESCALA: 1:15,000 FECHA: Mayo, 2019 PROYECTO: Teles	
PLANO DE PROPOSTA GEOFÍSICA - MAGNETOMETRIA		SISTEMA DE PROYECCIÓN: WGS84 U.T.M.ZONA: 18 - S LAMINA Nº : 09



SÍMBOLOS	
Programa de Perforación Diamantina	Muestras Geoquímicas Au (g/Tn)
● Plataforma Prioridad I	● > 5
● Plataforma Prioridad II	● 2 - 5
○ Collar	● 0.5 - 2
--- DDH Prioridad I	○ < 0.5
--- DDH Prioridad II	— Estructura Reconocida
	--- Estructura Interpretada
	~ Curvas de nivel.



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	PROSPECTO VERÓNICA, TAYABAMBA - LA LIBERTAD	
REVISADO: Ing. Luis Ortiz G. POR: Bach. Armandy Argote V. UBICACIÓN: Tayabamba - Píraz - La Libertad	PLANO DE PROPUESTA DE PERFORACIÓN DIAMANTINA	ESCALA: 1:6.000 FECHA: Noviembre, 2018 PROYECTO: Tesia
SISTEMA DE PROYECCIÓN: WG-584	UTM ZONA: 18 - S	LAMINA Nº : 10