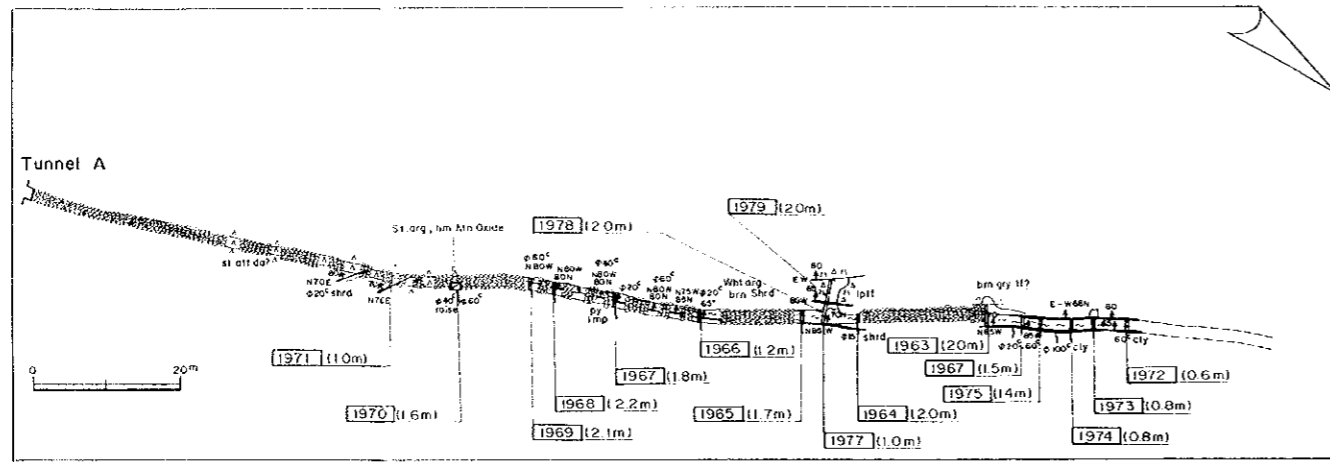


**Appendix 10**  
**Assay Results of Ore Samples**

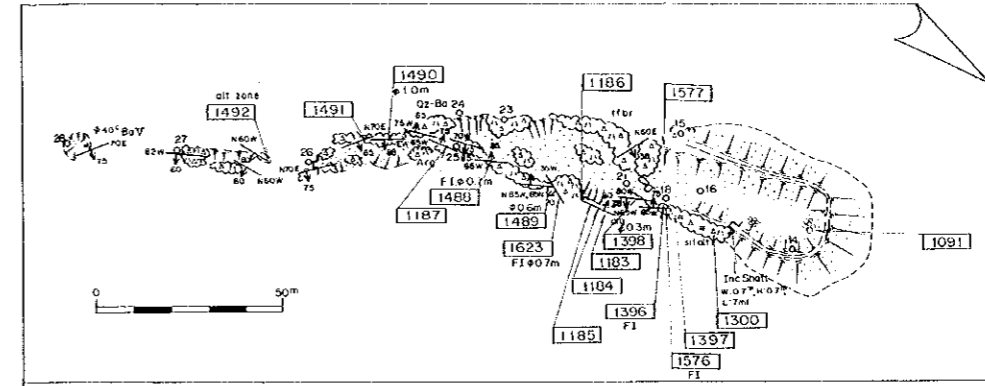


Serial No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
1	1090 IAR	13	118.7	16	7,515	2,249	<5	<5	490	3	1,276	<5
2	1091 IAR	46	48.5	5	4,798	1,118	365	<5	80	3	1,777	<5
3	1183 OAA	2	437.0	73	7,412	209	9	<5	400	9	2,394	<5
4	1186 OAA	2	295.0	29	5,437	829	68	<5	270	2	4,768	<5
5	1298 YSS	136	890.0	213	66,600	1,916	71	<5	320	6	55	<5
6	1299 YSS	10	315.0	535	2,395	5,757	241	15	2,420	2	5,350	<5
7	1396 MML	3	877.0	125	4,400	2,834	22	<5	360	2	6,585	<5
8	1398 MML	<2	240.0	92	5,198	611	33	<5	160	2	1,466	<5
9	1399 MML	76	646.0	2,663	13,400	2,828	100	<5	270	5	78	<5
10	1486 FMS	<2	37.7	368	9,265	2,985	7	<5	300	1	4,448	<5
11	1489 FMS	<2	251.0	159	2,585	898	12	<5	70	2	5,169	<5
12	1490 FMS	7	399.0	75	9,196	1,058	13	<5	110	6	4,721	<5
13	1492 FMS	24	287.0	61	25,000	4,503	61	<5	80	4	5,968	<5
14	1577 GQC	<2	13.3	44	925	3,400	49	<5	160	<1	4,988	<5
15	1609 TI	<2	<0.5	30	371	12,109	10	<5	450	3	2,143	<5
16	1611 TI	10	17.8	439	42,400	9,665	16	6	1,110	5	159	<5
17	1799 MH	<2	2,157.0	283	4,000	9,000	59	<5	930	2	9	<5
18	1931 KN	48	3.7	13,814	1,167	5,534	114	11	70	2	150	<5
19	1932 KN	846	10.3	38	94	33	129	91	10	15	1,410	18
20	1933 KN	2,970	24.2	34	130	10	224	371	10	26	2,876	43
21	1963 MH	2	12.6	21	9,500	4,383	191	<5	490	3	39	<5
22	1964 MH	5	25.0	43	2,456	3,628	115	<5	460	<1	472	<5
23	1965 MH	31	140.0	287	15,200	15,639	288	13	1,240	3	23	<5
24	1966 MH	21	24.2	55	2,904	7,801	859	11	1,670	<1	72	<5
25	1967 MH	2	44.7	128	1,325	2,243	121	<5	690	2	28	<5
26	1968 MH	8	39.0	65	2,281	4,528	259	6	560	2	21	<5
27	1969 MH	2	81.5	249	3,150	4,373	61	<5	1,100	1	30	<5
28	1973 MH	2	3.0	76	5,501	1,306	7	<5	400	<1	113	<5
29	1974 MH	<2	0.6	34	2,519	1,648	79	<5	150	<1	224	<5
30	1975 MH	<2	55.8	148	8,035	4,538	30	<5	490	3	134	<5
31	1976 MH	<2	6.9	174	11,300	2,825	44	<5	860	1	136	<5
32	1977 MH	<2	9.3	12	3,134	1,047	59	<5	530	4	86	<5

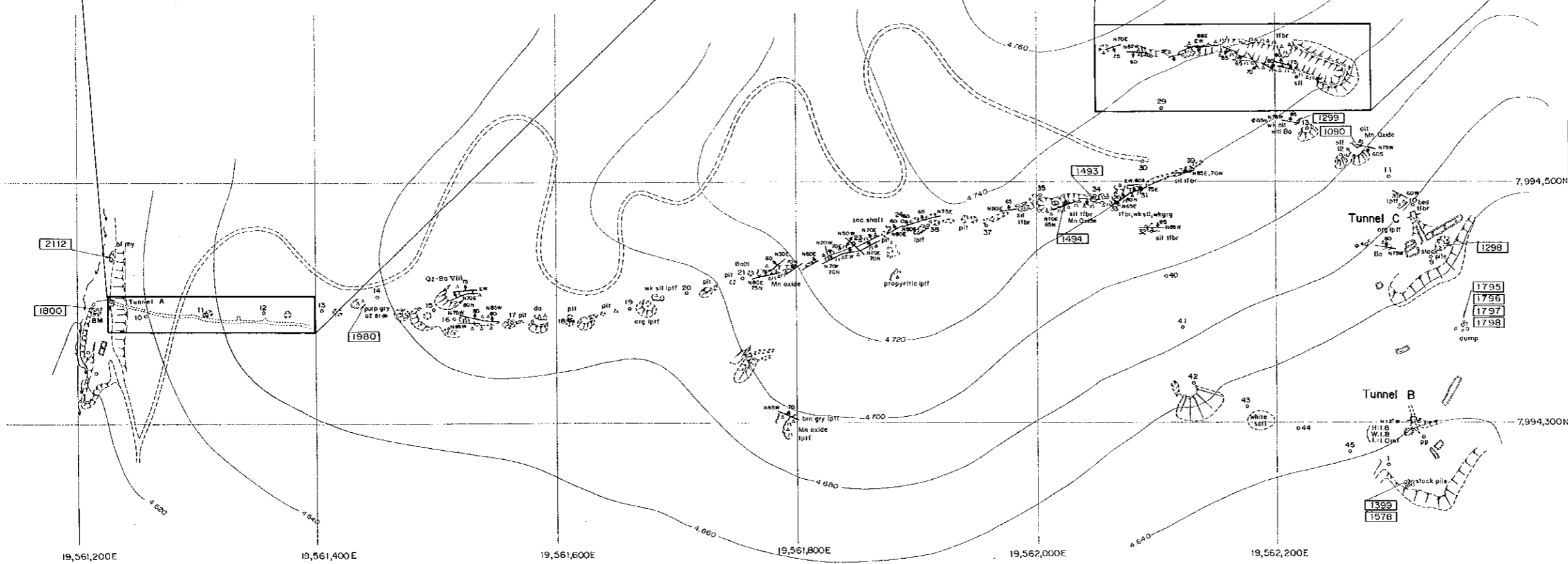
## Appendix 10 Assay Results of Ore Samples



Sample No.	Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Ba	Sn	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
1972	0.6m	<2	12	10	2,135	1,115	47	<5	410	2	334	<5
1973	0.5m	2	3	78	5,501	1,305	7	<5	400	<1	113	<5
1974	0.8m	<2	1	34	2,519	1,848	79	<5	150	<1	224	<5
1975	1.4m	<2	56	149	8,035	4,538	30	<5	490	3	134	<5
1976	1.5m	<2	7	174	11,300	2,825	44	<5	860	1	136	<5
1963	2.0m	2	13	21	9,500	4,382	191	<5	490	3	39	<5
1964	2.0m	5	25	43	2,458	3,623	115	<5	460	<1	472	<5
1977	1.6m	<2	9	12	3,134	1,047	59	<5	530	4	86	<5
1978	2.0m	<2	<0.5	4	140	1,852	<5	<5	100	<1	412	<5
1979	2.0m	<2	1	4	101	1,317	<5	<5	230	2	251	<5
1965	1.7m	31	140	287	15,200	15,339	288	13	1,240	3	23	<5
1966	1.2m	21	24	55	2,994	7,301	859	11	1,870	<1	72	<5
1967	1.8m	2	45	128	1,325	2,243	121	<5	690	2	28	<5
1968	2.0m	8	39	65	2,281	4,528	259	8	560	2	21	<5
1969	2.1m	2	82	249	3,150	4,373	81	<5	1,100	1	30	<5
1970	1.8m	2	8	31	590	3,021	61	<5	290	<1	97	<5
1971	1.0m	<2	2	11	228	637	38	<5	179	2	397	<5

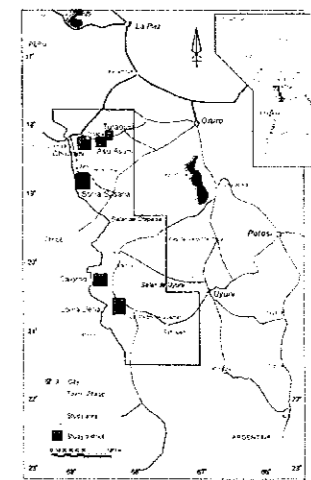


Sample No.	Au	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Ba	Sn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1090	13	118	16	7,515	2,245	<5	<5	490	3	1,276	<5
1091	46	48	5	4,788	1,118	365	<5	80	3	1,777	<5
1183	2	437	73	7,412	209	9	<5	400	9	2,394	<5
1184	3	18	13	3,375	572	52	<5	130	1	4,008	<5
1185	2	124	29	1,958	518	24	<5	130	7	3,958	<5
1186	2	295	29	5,437	828	88	<5	270	2	4,766	<5
1187	4	153	240	2,740	1,149	21	<5	740	7	5,200	<5
1298	136	890	219	66,600	1,918	71	<5	320	6	55	<5
1299	10	315	535	2,385	5,757	241	15	2,420	2	5,950	<5
1300	<2	17	10	2,193	928	23	<5	70	8	3,225	<5
1396	3	877	125	4,400	2,834	22	<5	380	2	6,585	<5
1397	<2	4	4	213	1,097	51	<5	280	<1	4,048	<5
1398	<2	240	92	5,198	611	33	<5	180	2	1,466	<5
1399	78	846	2,863	13,400	2,825	100	<5	270	5	78	<5
1488	9	191	94	853	464	8	<5	50	8	3,787	<5
1489	<2	251	159	2,585	898	12	<5	70	2	5,169	<5
1490	7	399	75	9,198	1,058	13	<5	110	6	4,721	<5
1491	20	229	24	1,393	1,463	88	<5	90	4	3,715	<5
1492	24	287	61	25,000	4,503	61	<5	80	4	5,968	<5
1493	<2	7	6	82	3,801	<5	<5	20	1	3,349	<5
1494	<2	6	4	118	2,215	<5	<5	110	2	922	<5
1576	<2	583	14	850	331	8	<5	510	8	3,481	<5
1577	<2	13	44	925	3,400	49	<5	180	<1	4,988	<5
1578	9	17	90	975	951	289	<5	110	7	99	<5

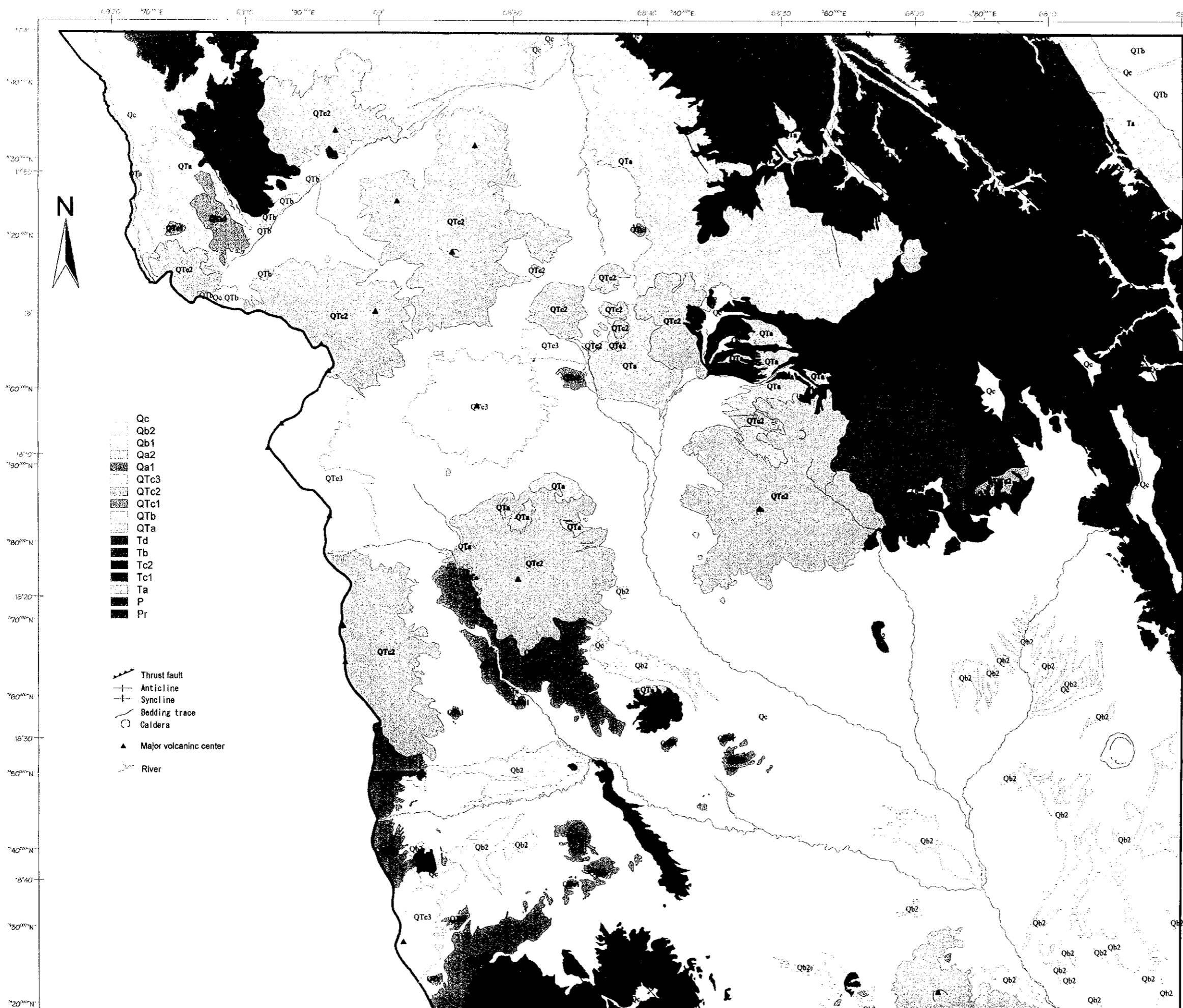


THE MINERAL EXPLORATION  
IN THE ORURO-UYUNI AREA  
REPUBLIC OF BOLIVIA

Geological Sketch  
And  
Sample Location Map  
(Turaquiri District)







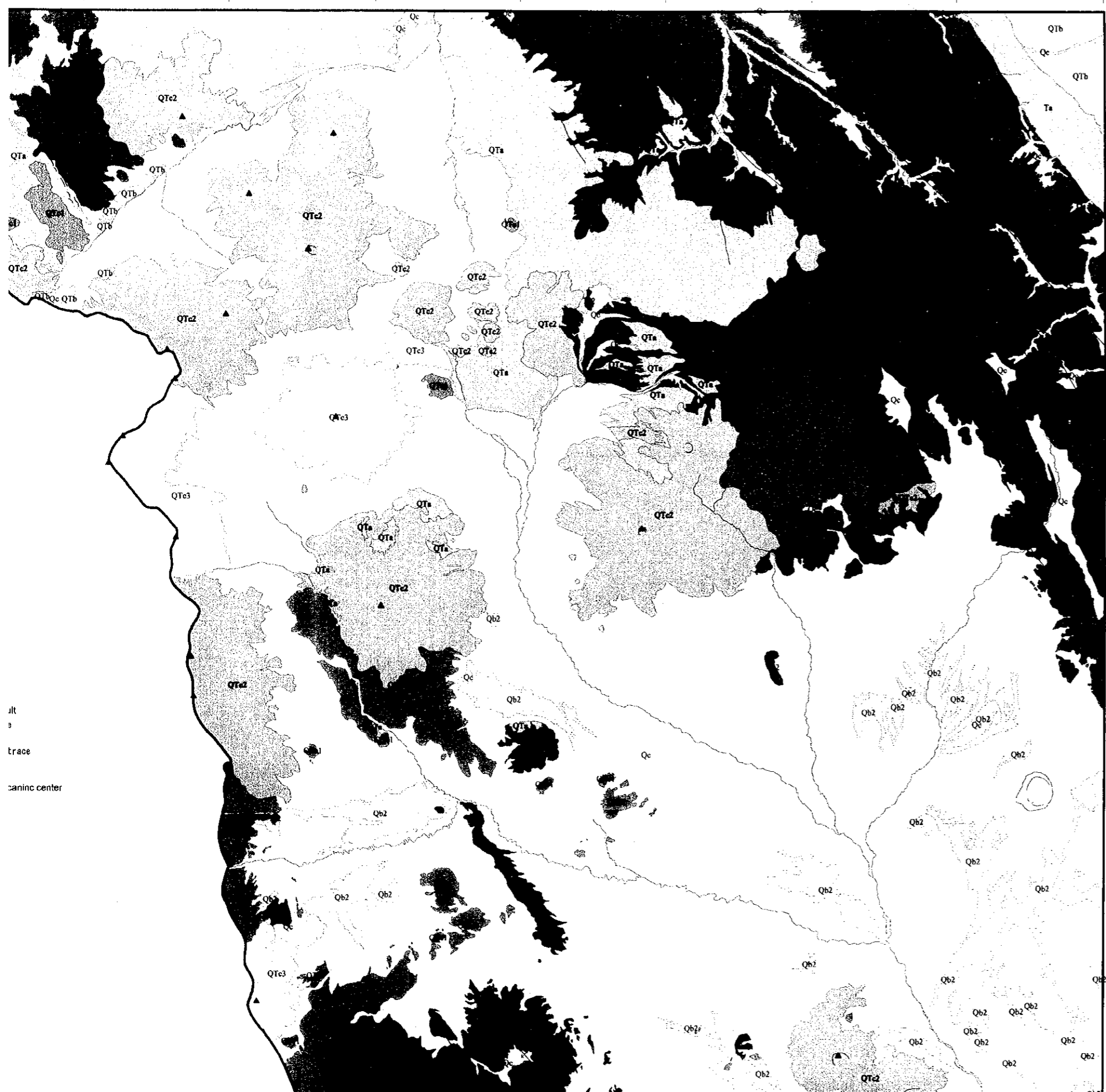
- Qc
- Qb2
- Qa2
- Qa1
- QTc3
- QTc2
- QTc1
- QTb
- QTa
- Td
- Tb
- Tc2
- Tc1
- Ta
- P
- Pr

- Thrust fault
- Anticline
- Syncline
- Bedding trace
- Caldera
- Major volcanic center
- River

List of geologic unit

Geologic Unit	Color or Landmark	Age	Stratigraphic Position	Rock Type	Texture	Bedding	Lineament	Porosity	Permeability	Geological Comments
Qc	Dark grey - light grey, fine brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Surface deposits (Quaternary and Pleistocene)
Qb2	Dark white, dark - grey brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Qa2	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
QTc3	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
QTc2	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
QTc1	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
QTb	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
QTa	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Td	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Tb	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Tc2	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Tc1	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Ta	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
P	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)
Pr	Dark brown - brown	Era	Quaternary	loam	fine	horizontal	low	low	low	Soil deposits (Quaternary and Pleistocene)

67°30' 67°40' 67°50' 68°00' 68°10' 68°20' 68°30' 68°40' 68°50' 69°00' 69°10' 69°20' 69°30' 69°40' 69°50'



List of geologic unit

UNIT	DESCRIPTION	STRATIGRAPHY	DRYNESS	PERMEABILITY	ROCK RESISTANCE	FOUNDING	EXPOSURE	TOPOGRAPHY	GEOLOGICAL CORRELATION
Qc	Dark gray - fine sand - 1/2" to 1/4" - 1/2" to 1/4" - 1/2" to 1/4"	fine	medium	low	low	low	low	low	Quaternary terrace deposits (Holocene to Pleistocene)
Qb2	White - fine sand - 1/2" to 1/4" - 1/2" to 1/4" - 1/2" to 1/4"	fine	medium	low	low	low	low	low	Quaternary terrace deposits (Holocene to Pleistocene)
QTa	Light gray - fine sand - 1/2" to 1/4" - 1/2" to 1/4" - 1/2" to 1/4"	fine	medium	low	low	low	low	low	Quaternary terrace deposits (Holocene to Pleistocene)
QTb	Dark gray - fine sand - 1/2" to 1/4" - 1/2" to 1/4" - 1/2" to 1/4"	fine	medium	low	low	low	low	low	Quaternary terrace deposits (Holocene to Pleistocene)
QTc	Medium gray - fine sand - 1/2" to 1/4" - 1/2" to 1/4" - 1/2" to 1/4"	fine	medium	low	low	low	low	low	Quaternary terrace deposits (Holocene to Pleistocene)
Qc	Black - fine sand - 1/2" to 1/4" - 1/2" to 1/4" - 1/2" to 1/4"	fine	medium	low	low	low	low	low	Quaternary terrace deposits (Holocene to Pleistocene)

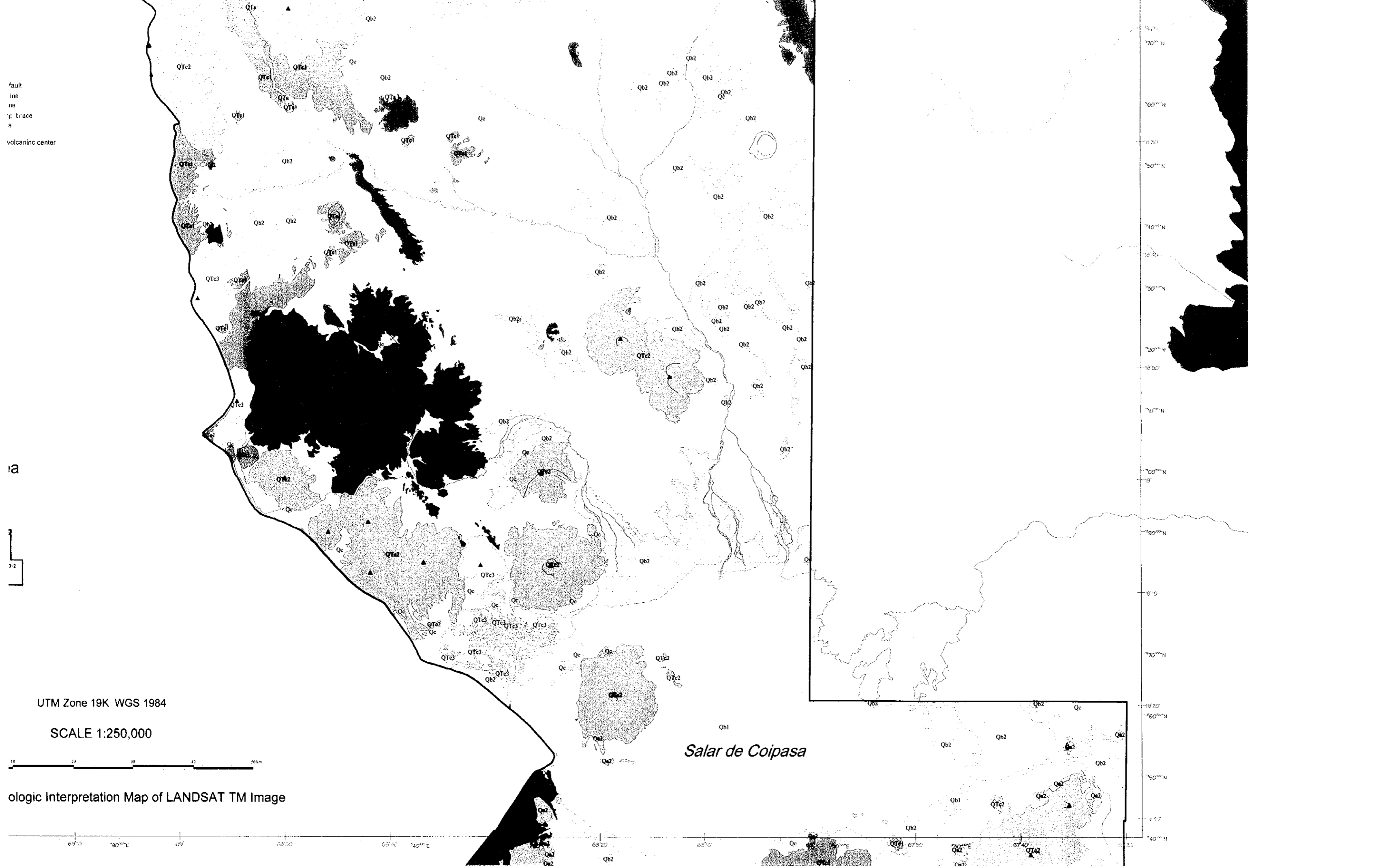
74°N 70°N 66°N 62°N 58°N 54°N 50°N 46°N 42°N 38°N 34°N 30°N 26°N 22°N 18°N 14°N 10°N 6°N 2°N

alt  
trace  
caninc center





fault  
line  
ne  
ig. trace  
a  
volcanic center



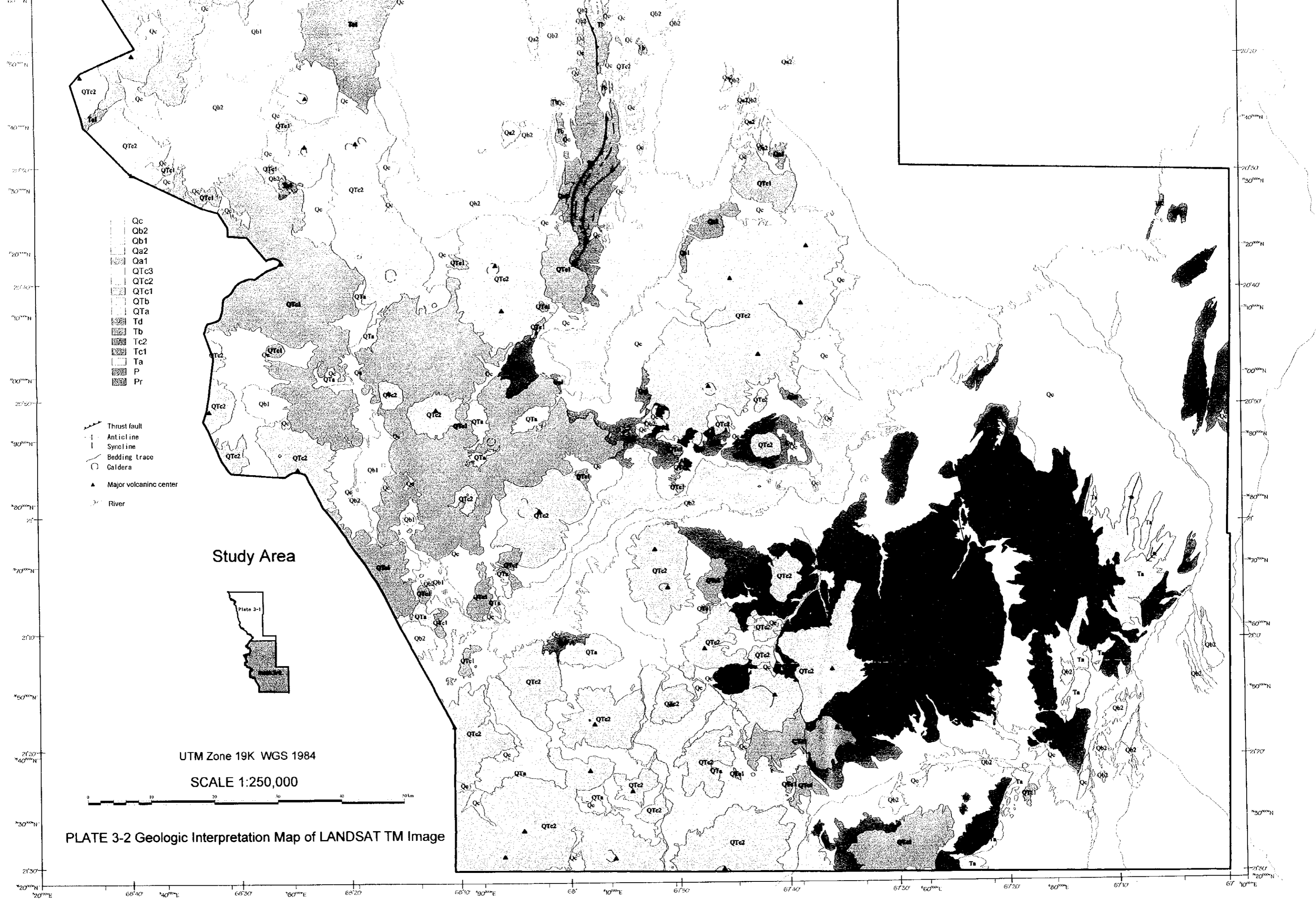
UTM Zone 19K WGS 1984

SCALE 1:250,000

Geologic Interpretation Map of LANDSAT TM Image

Salar de Coipasa





- Qc
- Qb2
- Qb1
- Qa2
- Qa1
- QTc3
- QTc2
- QTc1
- QTb
- QTa
- Td
- Tb
- Tc2
- Tc1
- Ta
- P
- Pr

- Thrust fault
- Anticline
- Syncline
- Bedding trace
- Caldera
- Major volcanic center
- River

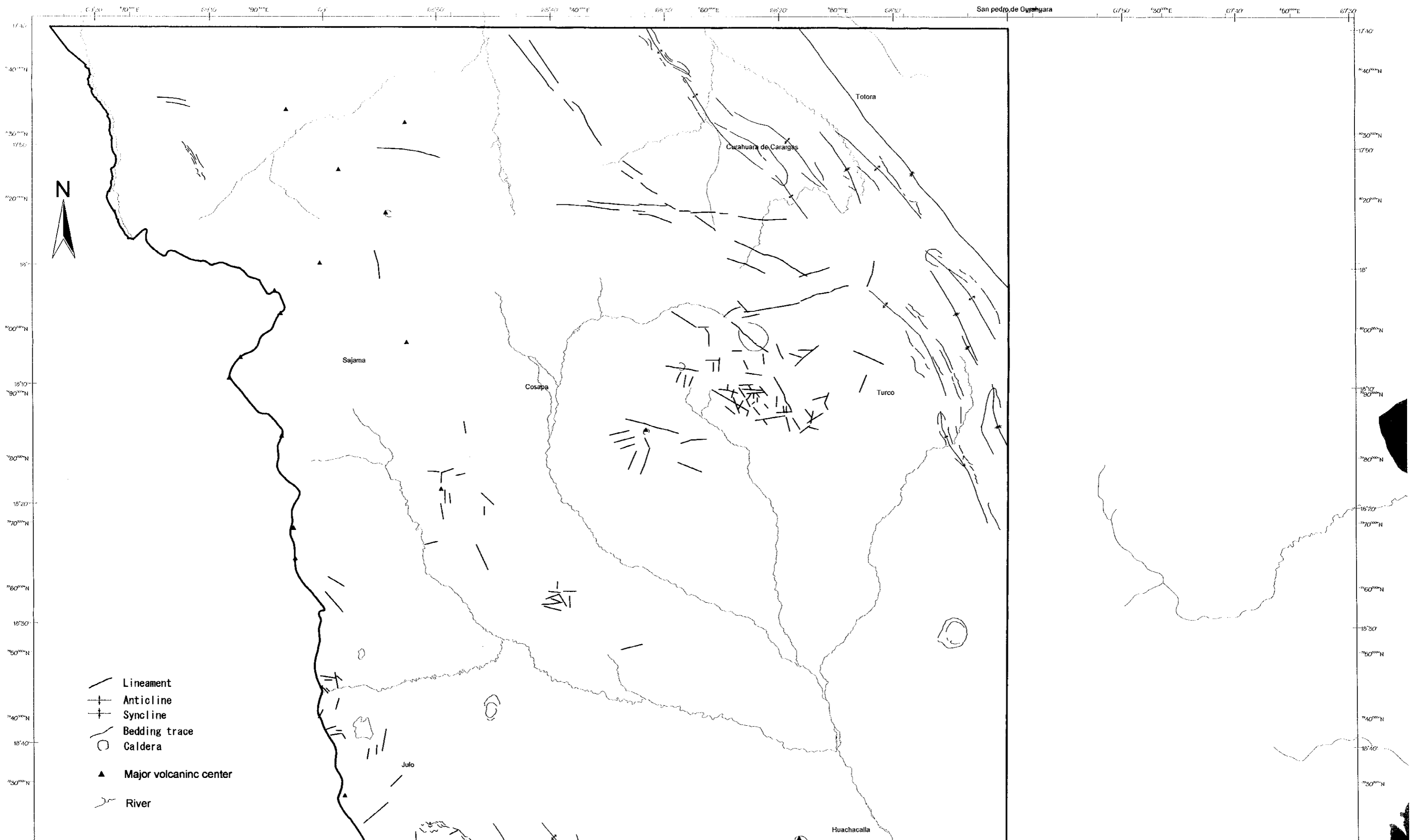
Study Area

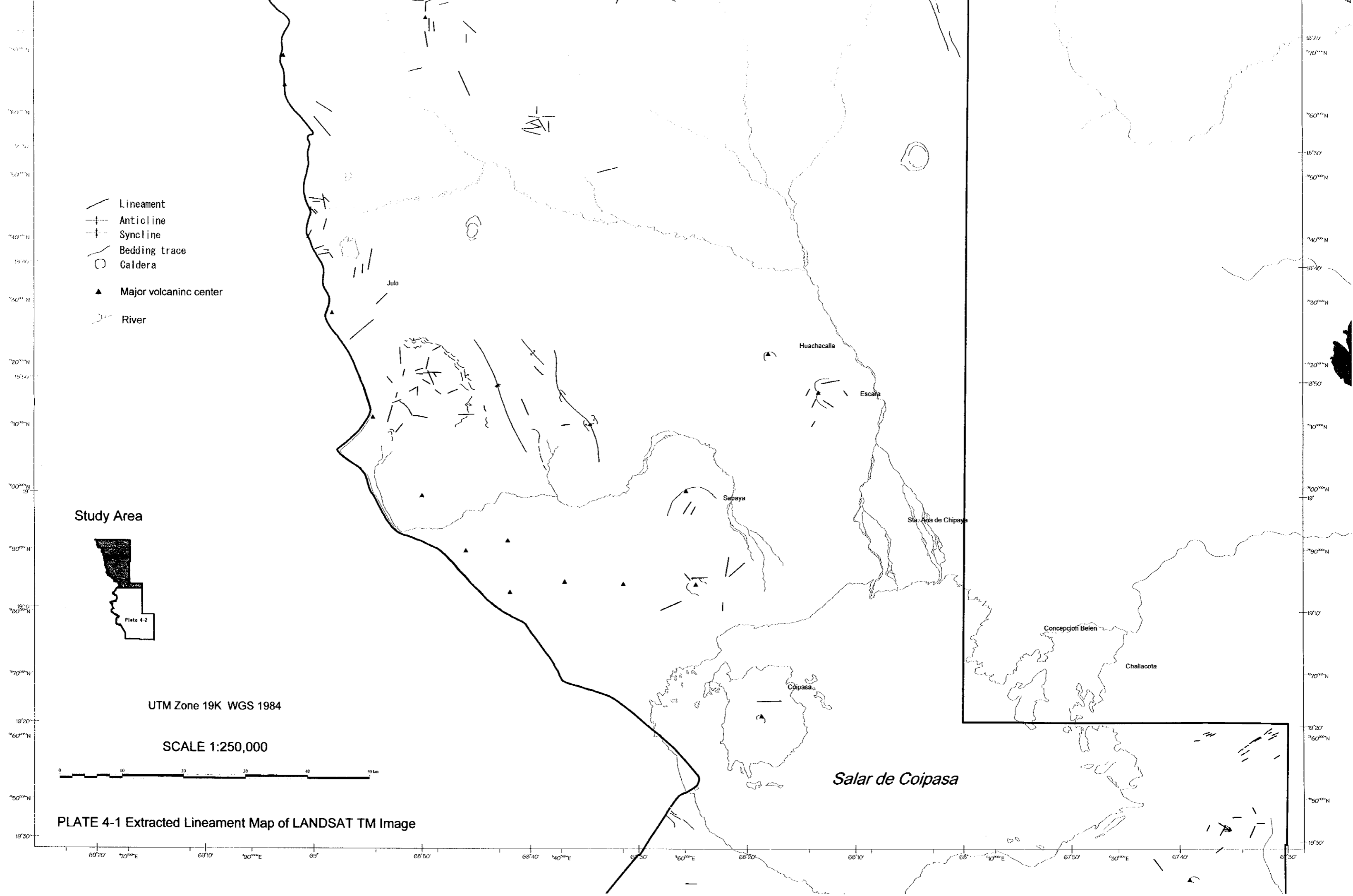
UTM Zone 19K WGS 1984








SCALE 1:250,000



PLATE 3-2 Geologic Interpretation Map of LANDSAT TM Image





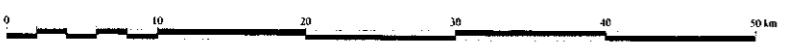
-  Lineament
-  Anticline
-  Syncline
-  Bedding trace
-  Caldera
-  Major volcanic center
-  River

**Study Area**



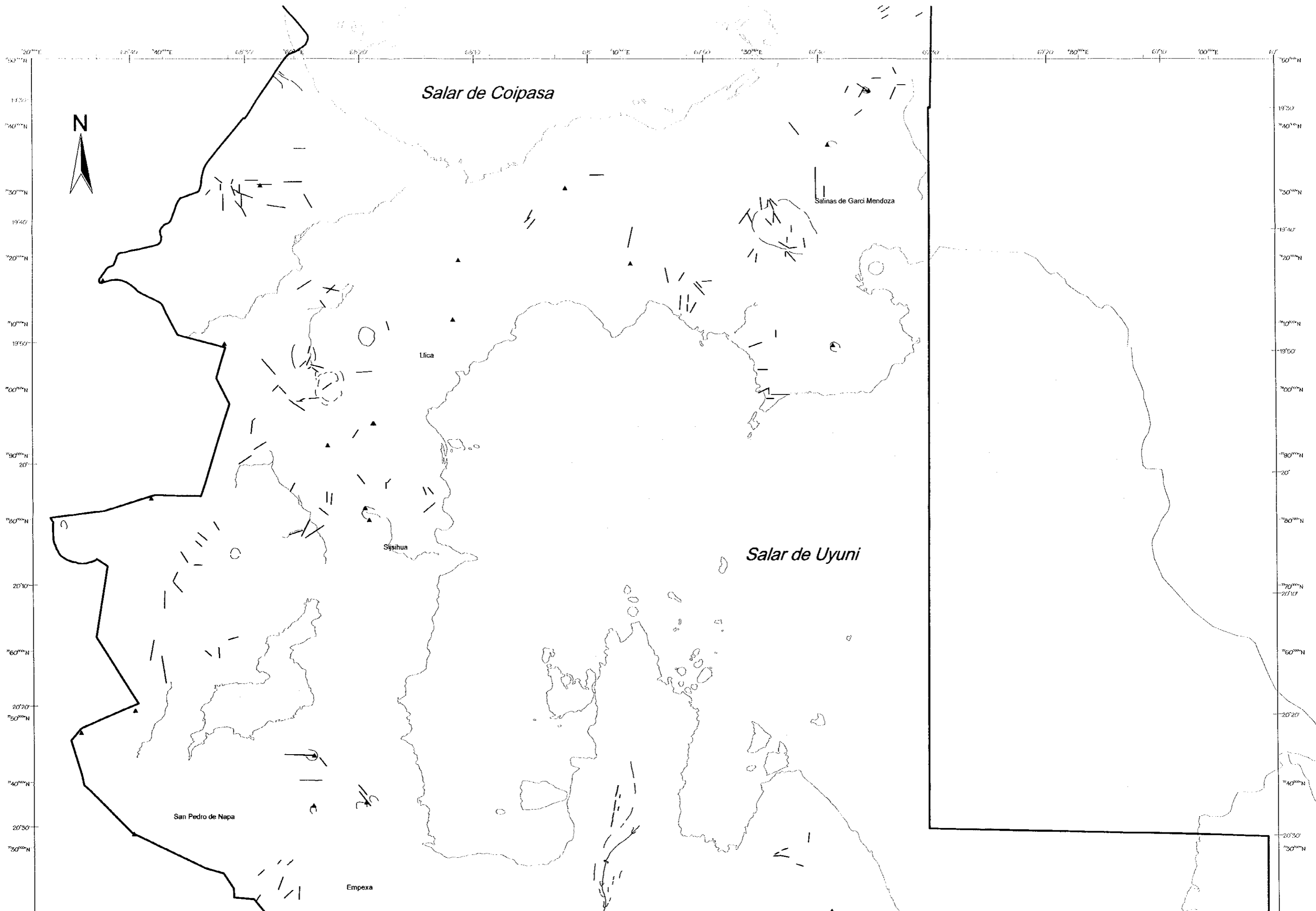
UTM Zone 19K WGS 1984

SCALE 1:250,000



**PLATE 4-1** Extracted Lineament Map of LANDSAT TM Image

*Salar de Coipasa*



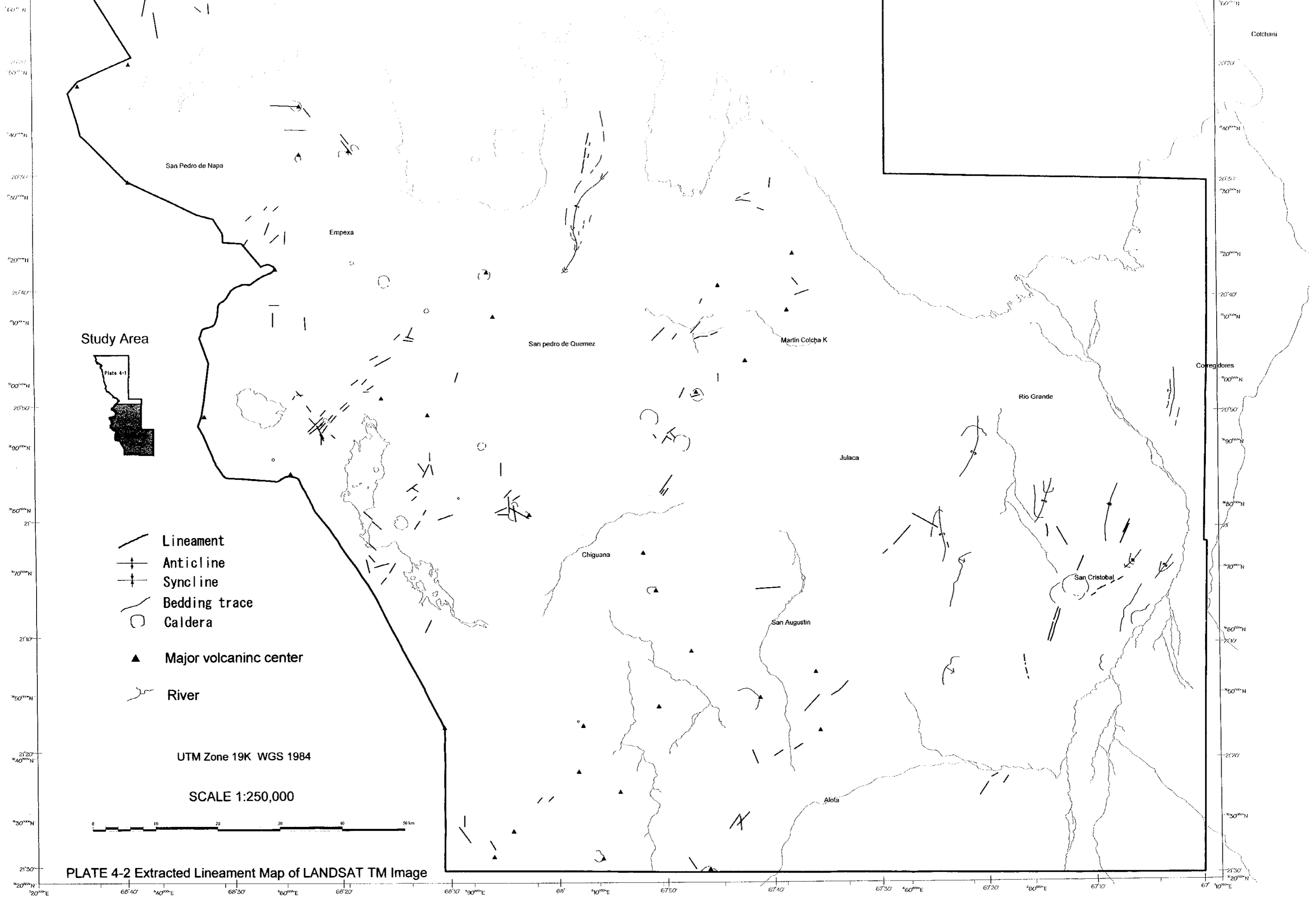
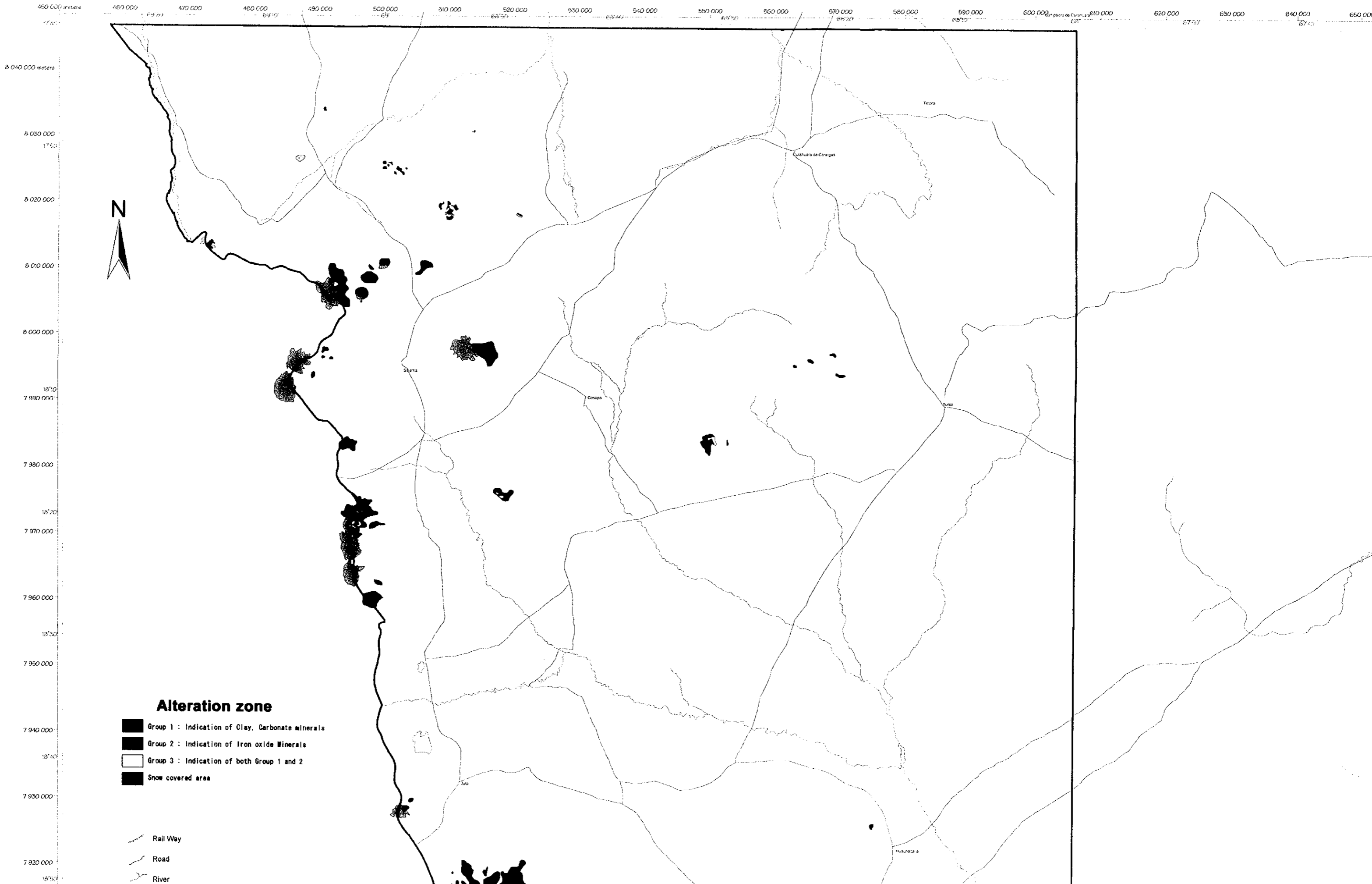


PLATE 4-2 Extracted Lineament Map of LANDSAT TM Image



**Alteration zone**

- Group 1 : Indication of Clay, Carbonate minerals
- Group 2 : Indication of Iron oxide Minerals
- Group 3 : Indication of both Group 1 and 2
- Snow covered area

- Rail Way
- Road
- River

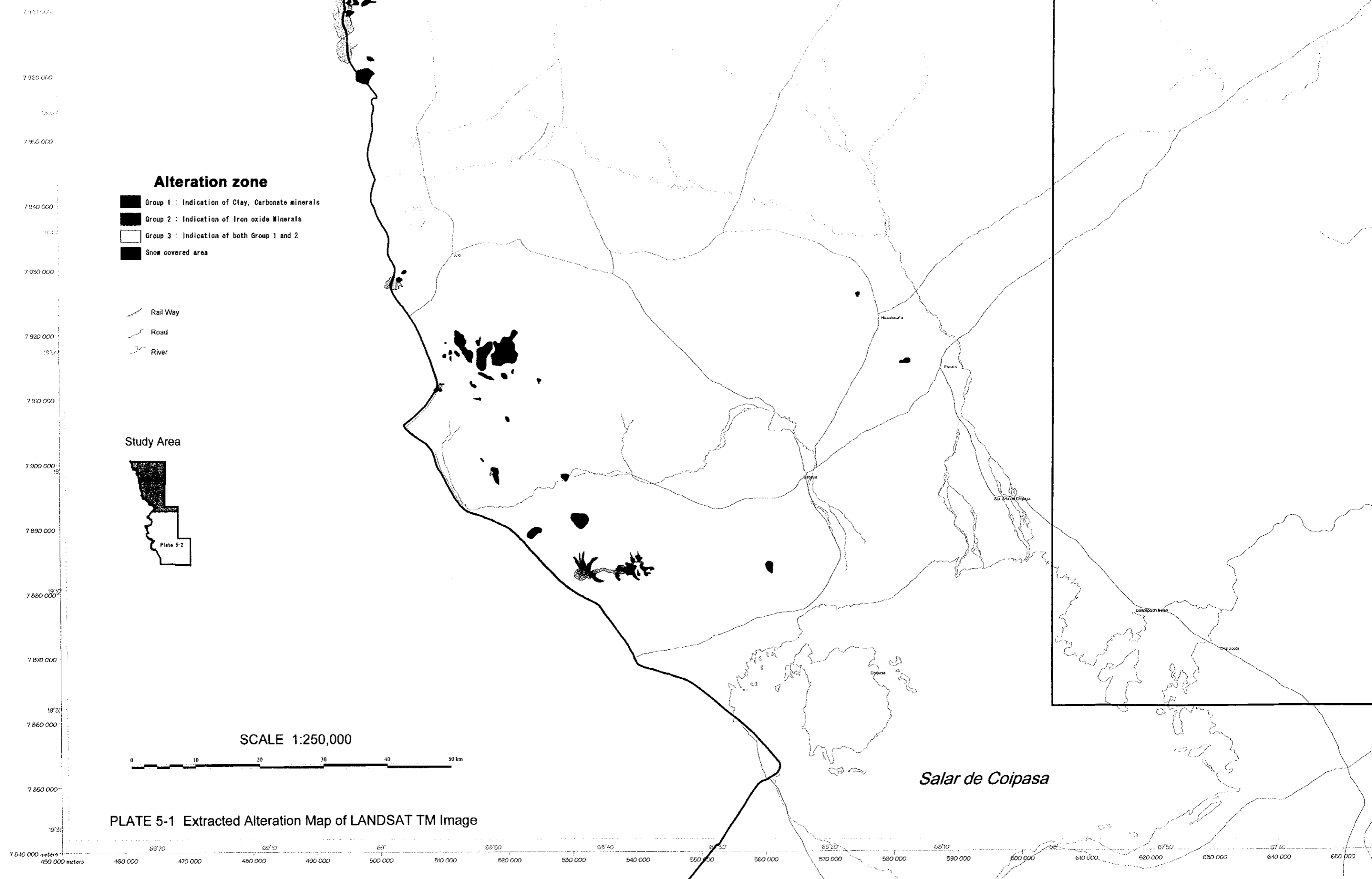


480 000 490 000 500 000 510 000 520 000 530 000 540 000 550 000 560 000 570 000 580 000 590 000 600 000 610 000 620 000 630 000 640 000 650 000 660 000 meters



**Location zone**  
Location of Clay, Carbonate minerals  
Location of Iron oxide Minerals  
Location of both Group 1 and 2  
Area

7840  
7830 000 meters  
7830  
7820 000  
7810 000  
7800 000  
7790 000  
7780  
7770 000  
7760 000  
7750 000  
7740  
7730 000  
7720  
7710 000  
7700 000  
7690 000  
7680  
7670 000  
7660 000  
7650 000  
7640  
7630 000  
7620 000  
7610 000  
7600 000  
7590 000  
7580  
7570 000  
7560 000  
7550 000  
7540  
7530 000  
7520  
7510 000  
7500 000  
7490 000  
7480  
7470 000  
7460 000  
7450 000  
7440  
7430 000  
7420  
7410 000  
7400 000  
7390 000  
7380  
7370 000  
7360 000  
7350 000  
7340  
7330 000  
7320  
7310 000  
7300 000  
7290 000  
7280  
7270 000  
7260 000  
7250 000  
7240  
7230 000  
7220  
7210 000  
7200 000  
7190 000  
7180  
7170 000  
7160 000  
7150 000  
7140  
7130 000  
7120  
7110 000  
7100 000  
7090 000  
7080  
7070 000  
7060 000  
7050 000  
7040  
7030 000  
7020  
7010 000  
7000 000  
6990 000  
6980  
6970 000  
6960 000  
6950 000  
6940  
6930 000  
6920  
6910 000  
6900 000  
6890 000  
6880  
6870 000  
6860 000  
6850 000  
6840  
6830 000  
6820  
6810 000  
6800 000  
6790 000  
6780  
6770 000  
6760 000  
6750 000  
6740  
6730 000  
6720  
6710 000  
6700 000  
6690 000  
6680  
6670 000  
6660 000  
6650 000  
6640  
6630 000  
6620  
6610 000  
6600 000  
6590 000  
6580  
6570 000  
6560 000  
6550 000  
6540  
6530 000  
6520  
6510 000  
6500 000  
6490 000  
6480  
6470 000  
6460 000  
6450 000  
6440  
6430 000  
6420  
6410 000  
6400 000  
6390 000  
6380  
6370 000  
6360 000  
6350 000  
6340  
6330 000  
6320  
6310 000  
6300 000  
6290 000  
6280  
6270 000  
6260 000  
6250 000  
6240  
6230 000  
6220  
6210 000  
6200 000  
6190 000  
6180  
6170 000  
6160 000  
6150 000  
6140  
6130 000  
6120  
6110 000  
6100 000  
6090 000  
6080  
6070 000  
6060 000  
6050 000  
6040  
6030 000  
6020  
6010 000  
6000 000  
5990 000  
5980  
5970 000  
5960 000  
5950 000  
5940  
5930 000  
5920  
5910 000  
5900 000  
5890 000  
5880  
5870 000  
5860 000  
5850 000  
5840  
5830 000  
5820  
5810 000  
5800 000  
5790 000  
5780  
5770 000  
5760 000  
5750 000  
5740  
5730 000  
5720  
5710 000  
5700 000  
5690 000  
5680  
5670 000  
5660 000  
5650 000  
5640  
5630 000  
5620  
5610 000  
5600 000  
5590 000  
5580  
5570 000  
5560 000  
5550 000  
5540  
5530 000  
5520  
5510 000  
5500 000  
5490 000  
5480  
5470 000  
5460 000  
5450 000  
5440  
5430 000  
5420  
5410 000  
5400 000  
5390 000  
5380  
5370 000  
5360 000  
5350 000  
5340  
5330 000  
5320  
5310 000  
5300 000  
5290 000  
5280  
5270 000  
5260 000  
5250 000  
5240  
5230 000  
5220  
5210 000  
5200 000  
5190 000  
5180  
5170 000  
5160 000  
5150 000  
5140  
5130 000  
5120  
5110 000  
5100 000  
5090 000  
5080  
5070 000  
5060 000  
5050 000  
5040  
5030 000  
5020  
5010 000  
5000 000  
4990 000  
4980  
4970 000  
4960 000  
4950 000  
4940  
4930 000  
4920  
4910 000  
4900 000  
4890 000  
4880  
4870 000  
4860 000  
4850 000  
4840  
4830 000  
4820  
4810 000  
4800 000  
4790 000  
4780  
4770 000  
4760 000  
4750 000  
4740  
4730 000  
4720  
4710 000  
4700 000  
4690 000  
4680  
4670 000  
4660 000  
4650 000  
4640  
4630 000  
4620  
4610 000  
4600 000  
4590 000  
4580  
4570 000  
4560 000  
4550 000  
4540  
4530 000  
4520  
4510 000  
4500 000  
4490 000  
4480  
4470 000  
4460 000  
4450 000  
4440  
4430 000  
4420  
4410 000  
4400 000  
4390 000  
4380  
4370 000  
4360 000  
4350 000  
4340  
4330 000  
4320  
4310 000  
4300 000  
4290 000  
4280  
4270 000  
4260 000  
4250 000  
4240  
4230 000  
4220  
4210 000  
4200 000  
4190 000  
4180  
4170 000  
4160 000  
4150 000  
4140  
4130 000  
4120  
4110 000  
4100 000  
4090 000  
4080  
4070 000  
4060 000  
4050 000  
4040  
4030 000  
4020  
4010 000  
4000 000  
3990 000  
3980  
3970 000  
3960 000  
3950 000  
3940  
3930 000  
3920  
3910 000  
3900 000  
3890 000  
3880  
3870 000  
3860 000  
3850 000  
3840  
3830 000  
3820  
3810 000  
3800 000  
3790 000  
3780  
3770 000  
3760 000  
3750 000  
3740  
3730 000  
3720  
3710 000  
3700 000  
3690 000  
3680  
3670 000  
3660 000  
3650 000  
3640  
3630 000  
3620  
3610 000  
3600 000  
3590 000  
3580  
3570 000  
3560 000  
3550 000  
3540  
3530 000  
3520  
3510 000  
3500 000  
3490 000  
3480  
3470 000  
3460 000  
3450 000  
3440  
3430 000  
3420  
3410 000  
3400 000  
3390 000  
3380  
3370 000  
3360 000  
3350 000  
3340  
3330 000  
3320  
3310 000  
3300 000  
3290 000  
3280  
3270 000  
3260 000  
3250 000  
3240  
3230 000  
3220  
3210 000  
3200 000  
3190 000  
3180  
3170 000  
3160 000  
3150 000  
3140  
3130 000  
3120  
3110 000  
3100 000  
3090 000  
3080  
3070 000  
3060 000  
3050 000  
3040  
3030 000  
3020  
3010 000  
3000 000  
2990 000  
2980  
2970 000  
2960 000  
2950 000  
2940  
2930 000  
2920  
2910 000  
2900 000  
2890 000  
2880  
2870 000  
2860 000  
2850 000  
2840  
2830 000  
2820  
2810 000  
2800 000  
2790 000  
2780  
2770 000  
2760 000  
2750 000  
2740  
2730 000  
2720  
2710 000  
2700 000  
2690 000  
2680  
2670 000  
2660 000  
2650 000  
2640  
2630 000  
2620  
2610 000  
2600 000  
2590 000  
2580  
2570 000  
2560 000  
2550 000  
2540  
2530 000  
2520  
2510 000  
2500 000  
2490 000  
2480  
2470 000  
2460 000  
2450 000  
2440  
2430 000  
2420  
2410 000  
2400 000  
2390 000  
2380  
2370 000  
2360 000  
2350 000  
2340  
2330 000  
2320  
2310 000  
2300 000  
2290 000  
2280  
2270 000  
2260 000  
2250 000  
2240  
2230 000  
2220  
2210 000  
2200 000  
2190 000  
2180  
2170 000  
2160 000  
2150 000  
2140  
2130 000  
2120  
2110 000  
2100 000  
2090 000  
2080  
2070 000  
2060 000  
2050 000  
2040  
2030 000  
2020  
2010 000  
2000 000  
1990 000  
1980  
1970 000  
1960 000  
1950 000  
1940  
1930 000  
1920  
1910 000  
1900 000  
1890 000  
1880  
1870 000  
1860 000  
1850 000  
1840  
1830 000  
1820  
1810 000  
1800 000  
1790 000  
1780  
1770 000  
1760 000  
1750 000  
1740  
1730 000  
1720  
1710 000  
1700 000  
1690 000  
1680  
1670 000  
1660 000  
1650 000  
1640  
1630 000  
1620  
1610 000  
1600 000  
1590 000  
1580  
1570 000  
1560 000  
1550 000  
1540  
1530 000  
1520  
1510 000  
1500 000  
1490 000  
1480  
1470 000  
1460 000  
1450 000  
1440  
1430 000  
1420  
1410 000  
1400 000  
1390 000  
1380  
1370 000  
1360 000  
1350 000  
1340  
1330 000  
1320  
1310 000  
1300 000  
1290 000  
1280  
1270 000  
1260 000  
1250 000  
1240  
1230 000  
1220  
1210 000  
1200 000  
1190 000  
1180  
1170 000  
1160 000  
1150 000  
1140  
1130 000  
1120  
1110 000  
1100 000  
1090 000  
1080  
1070 000  
1060 000  
1050 000  
1040  
1030 000  
1020  
1010 000  
1000 000  
990 000  
980  
970 000  
960 000  
950 000  
940  
930 000  
920  
910 000  
900 000  
890 000  
880  
870 000  
860 000  
850 000  
840  
830 000  
820  
810 000  
800 000  
790 000  
780  
770 000  
760 000  
750 000  
740  
730 000  
720  
710 000  
700 000  
690 000  
680  
670 000  
660 000  
650 000  
640  
630 000  
620  
610 000  
600 000  
590 000  
580  
570 000  
560 000  
550 000  
540  
530 000  
520  
510 000  
500 000  
490 000  
480 000  
470 000  
460 000  
450 000  
440  
430 000  
420  
410 000  
400 000  
390 000  
380  
370 000  
360 000  
350 000  
340  
330 000  
320  
310 000  
300 000  
290 000  
280  
270 000  
260 000  
250 000  
240  
230 000  
220  
210 000  
200 000  
190 000  
180  
170 000  
160 000  
150 000  
140  
130 000  
120  
110 000  
100 000  
90 000  
80  
70 000  
60 000  
50 000  
40  
30 000  
20 000  
10 000  
0 000

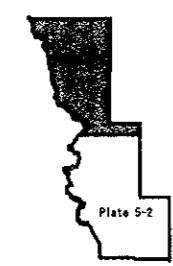


**Alteration zone**

- Group 1 : Indication of Clay, Carbonate minerals
- Group 2 : Indication of Iron oxide Minerals
- Group 3 : Indication of both Group 1 and 2
- Snow covered area

- Rail Way
- Road
- River

**Study Area**



SCALE 1:250,000



PLATE 5-1 Extracted Alteration Map of LANDSAT TM Image

*Salar de Coipasa*

7 840 000 meters 450 000 meters 460 000 470 000 480 000 490 000 500 000 510 000 520 000 530 000 540 000 550 000 560 000 570 000 580 000 590 000 600 000 610 000 620 000 630 000 640 000 650 000

**Alteration zone**

Zone of Clay, Carbonate minerals

Zone of Iron oxide Minerals

Zone of both Group 1 and 2

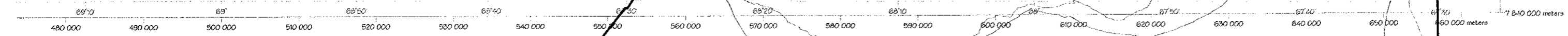
1



SCALE 1:250,000



Projected Alteration Map of LANDSAT TM Image



*Salar de Coipasa*



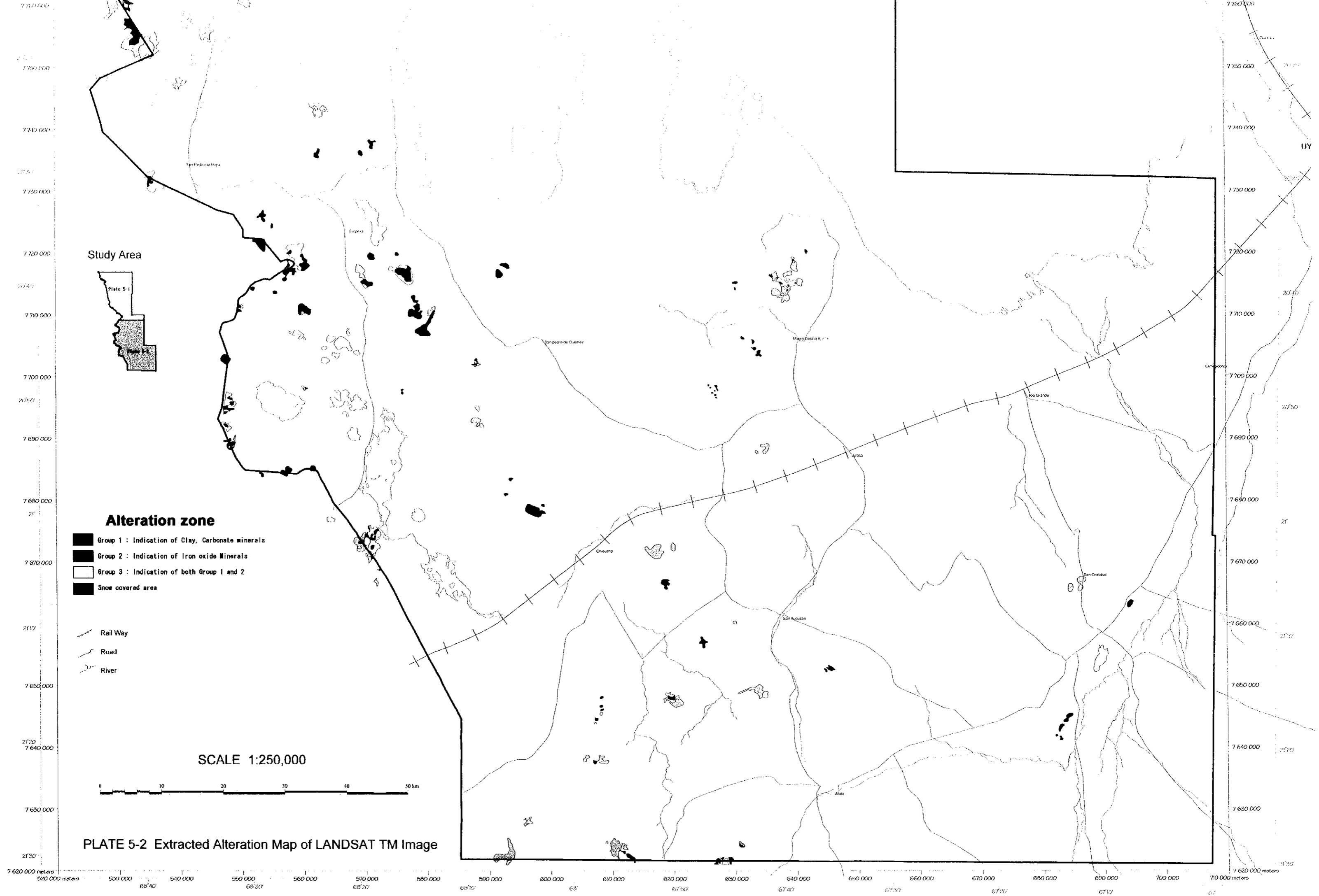
*Salar de Coipasa*

*Salar de Uyuni*

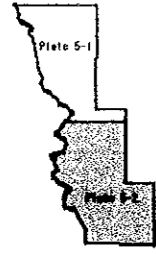
Salar de Gas Mercurio

San Pedro de Niza

UY



Study Area



**Alteration zone**

- Group 1 : Indication of Clay, Carbonate minerals
- Group 2 : Indication of Iron oxide Minerals
- Group 3 : Indication of both Group 1 and 2
- Snow covered area

- Rail Way
- Road
- River

SCALE 1:250,000



PLATE 5-2 Extracted Alteration Map of LANDSAT TM Image



