ÁGUILA PROJECT

“PORPHYRY”: COPPER (Cu) and MOLYBDENUM (Mo)

Huancavelica Region
Peru – South America
2021

SUMMARY

1.- LOCATION: Huaytara District; Huaytara Province; Huancavelica Region

2.- ALTITUDE: 1,497 – 2,131 m.a.s.l.

3.- MINING PROPERTY: 1,000 Hectares (Quantica Minefinders)

4.- GEOLOGY: Intrusive Rocks in Multiple Pulses of the Cretaceous

5.- DEPOSIT: “Porphyry System - Copper (Cu) and Molybdenum (Mo)”

6.- EXPLORATION: Geological Surveys and 98 Geochemical Samples

7.- GRADES: 10.38 – 19,600 ppm Cu (Copper) and 0.22 – 306.2 ppm Mo (Molybdenum)

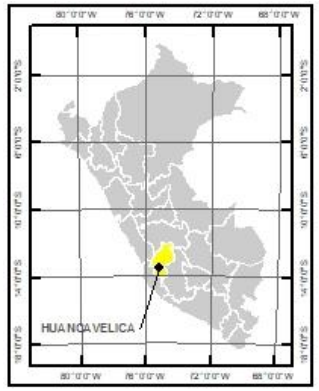
8.- TARGETS: 2,000 metre x 1,400 metre

9.- INFRASTRUCTURE: Accesses and Populated Centers

10.- COMMUNITY RELATIONS : There was no problem (Pro-Mining Population)

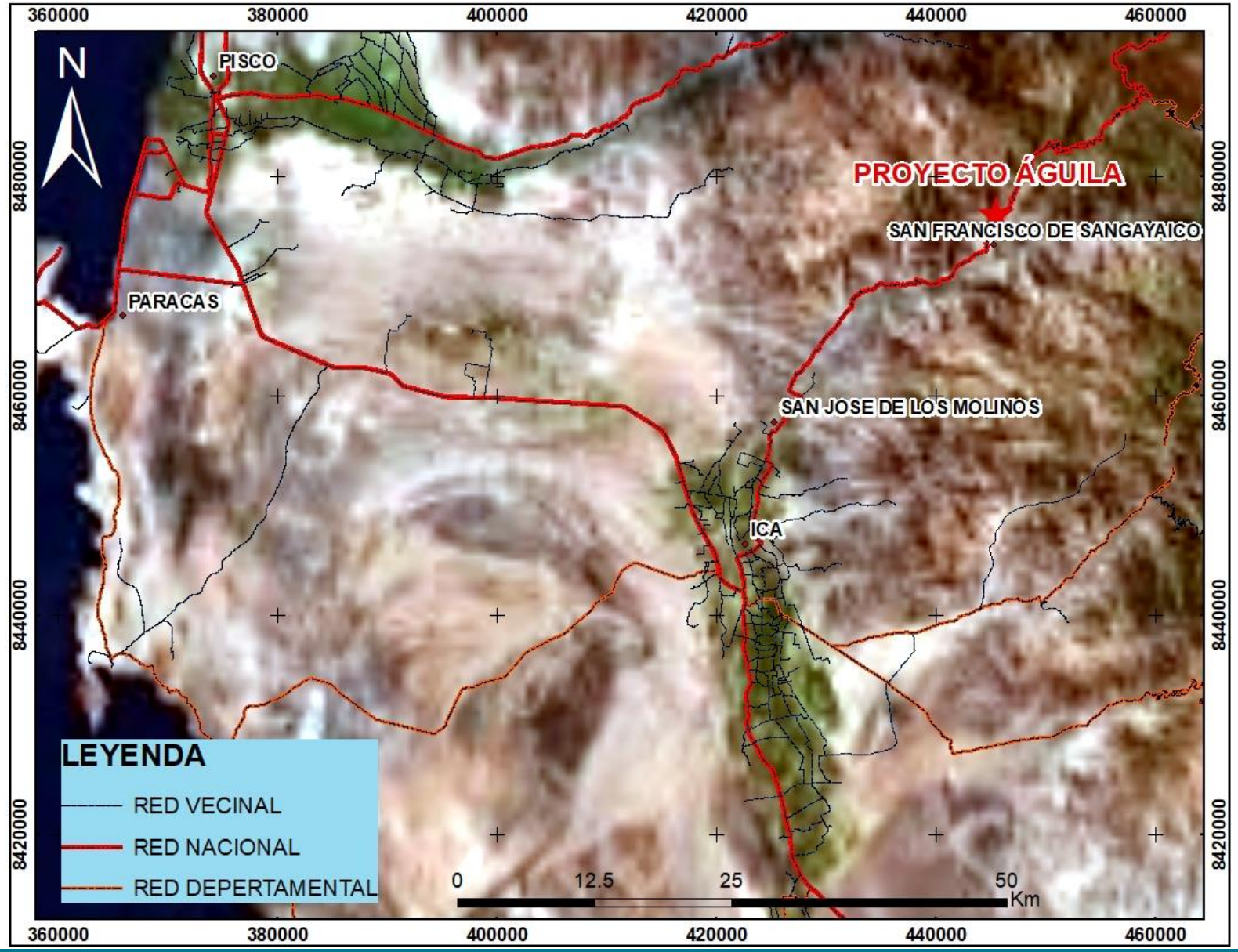
11.- POTENTIAL: Big mining

LOCATION

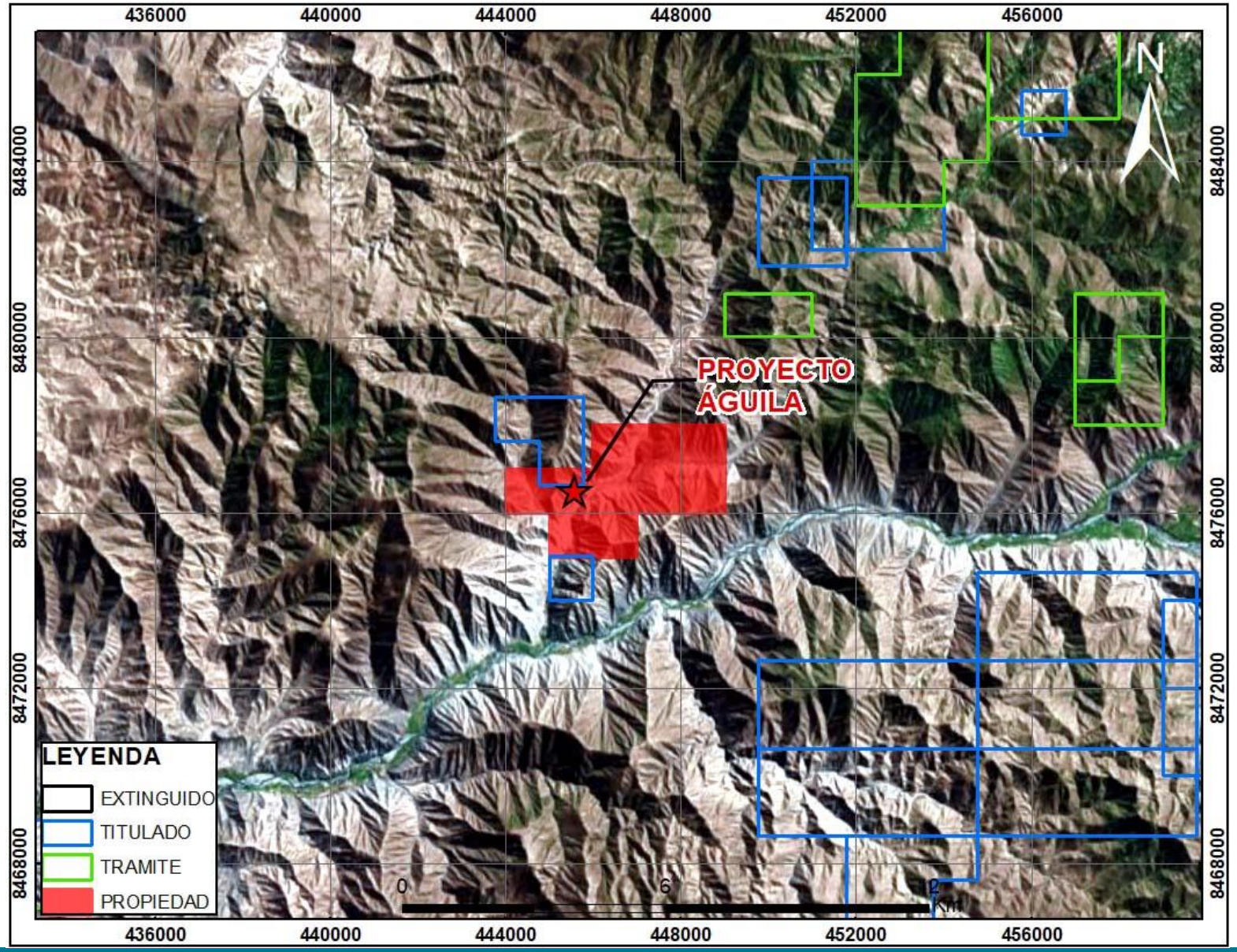


PROYECTO	
ÁGUILA	
UBICACIÓN	
DISTRITO	HUAYTARA
PROVINCIA	HUAYTARA
REGION	HUANCAVELICA
SISTEMAS DE COORDENADAS	
ZONA: 18 S	
DATUM: WGS 84	

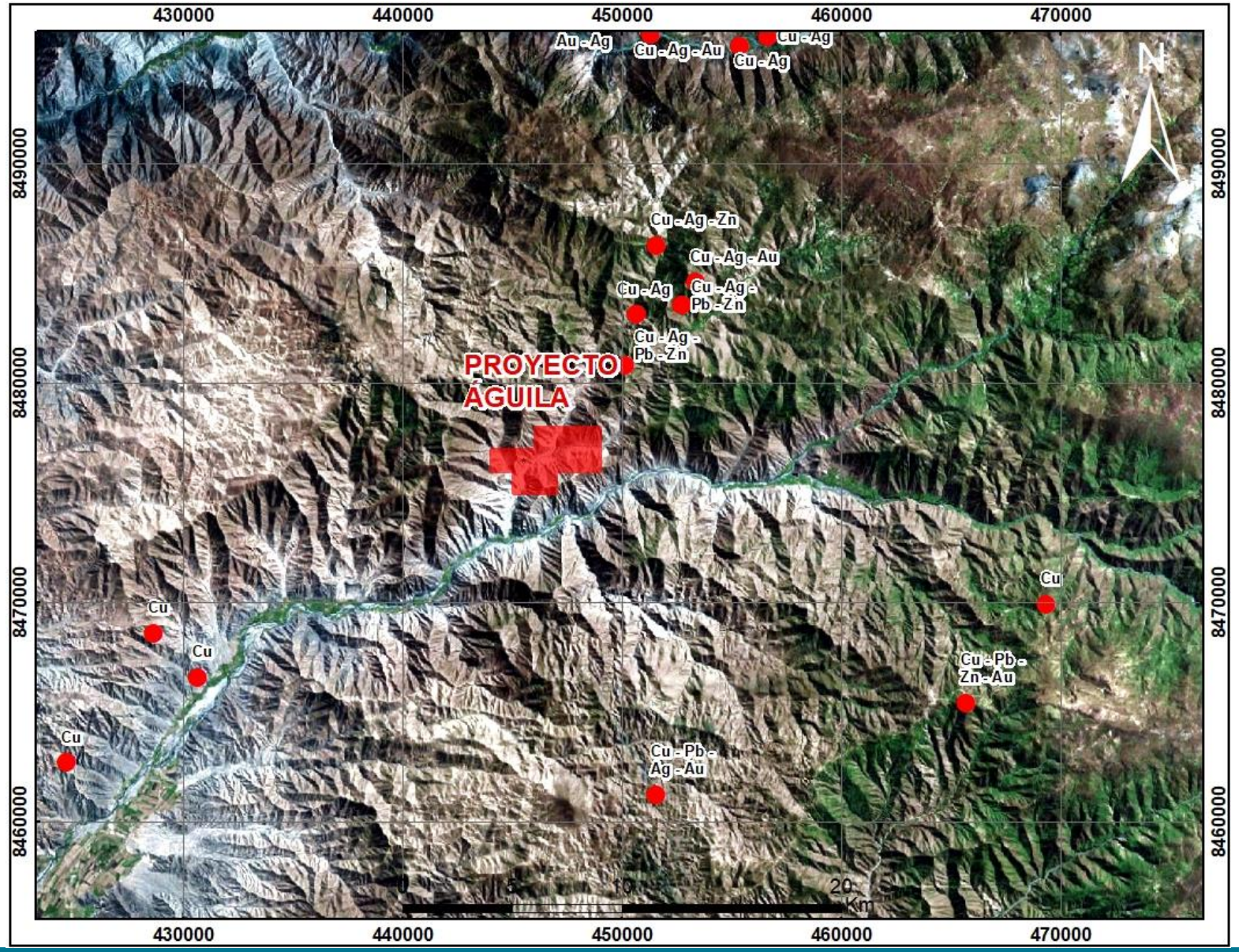
ACCESSIBILITY



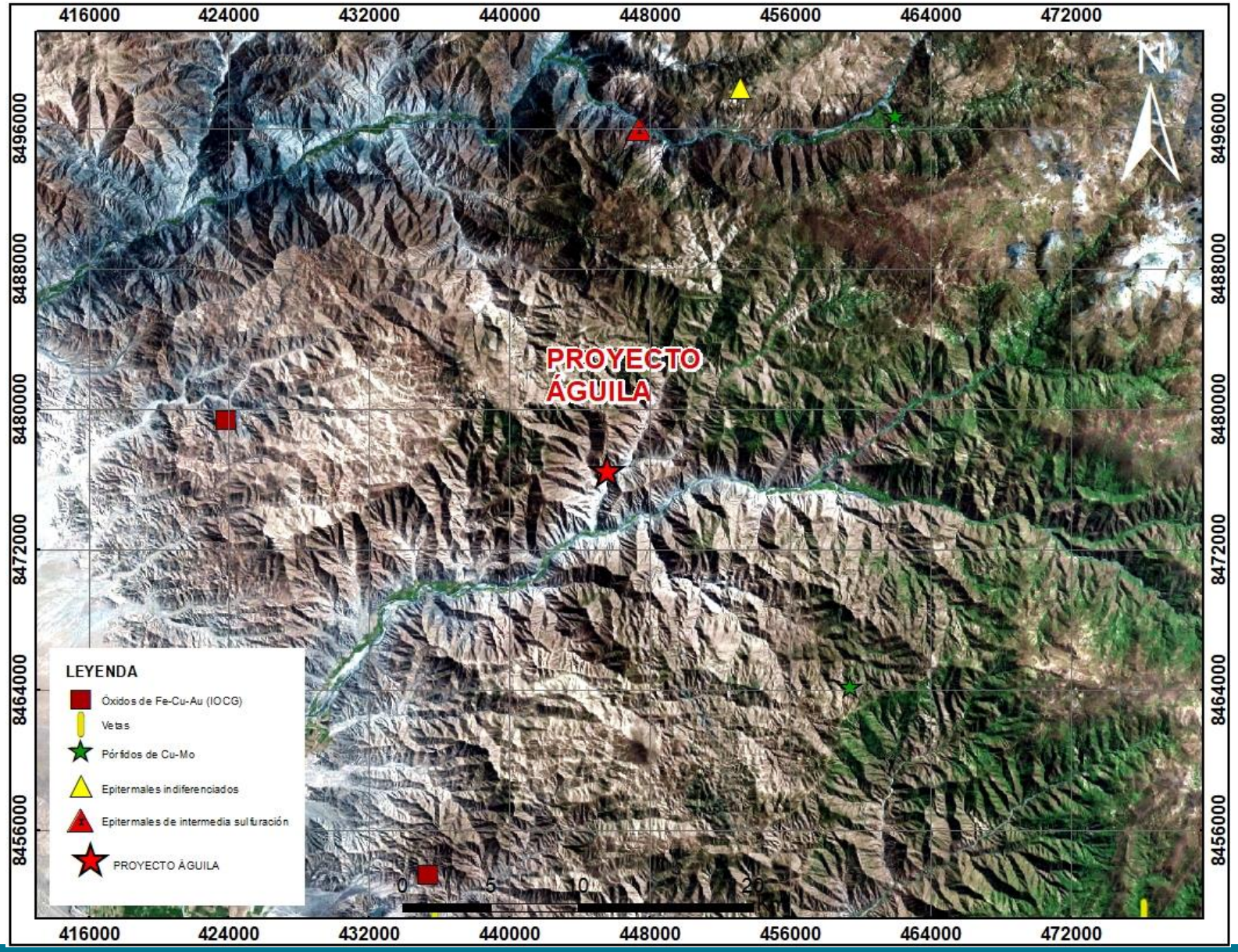
MINING PROPERTY



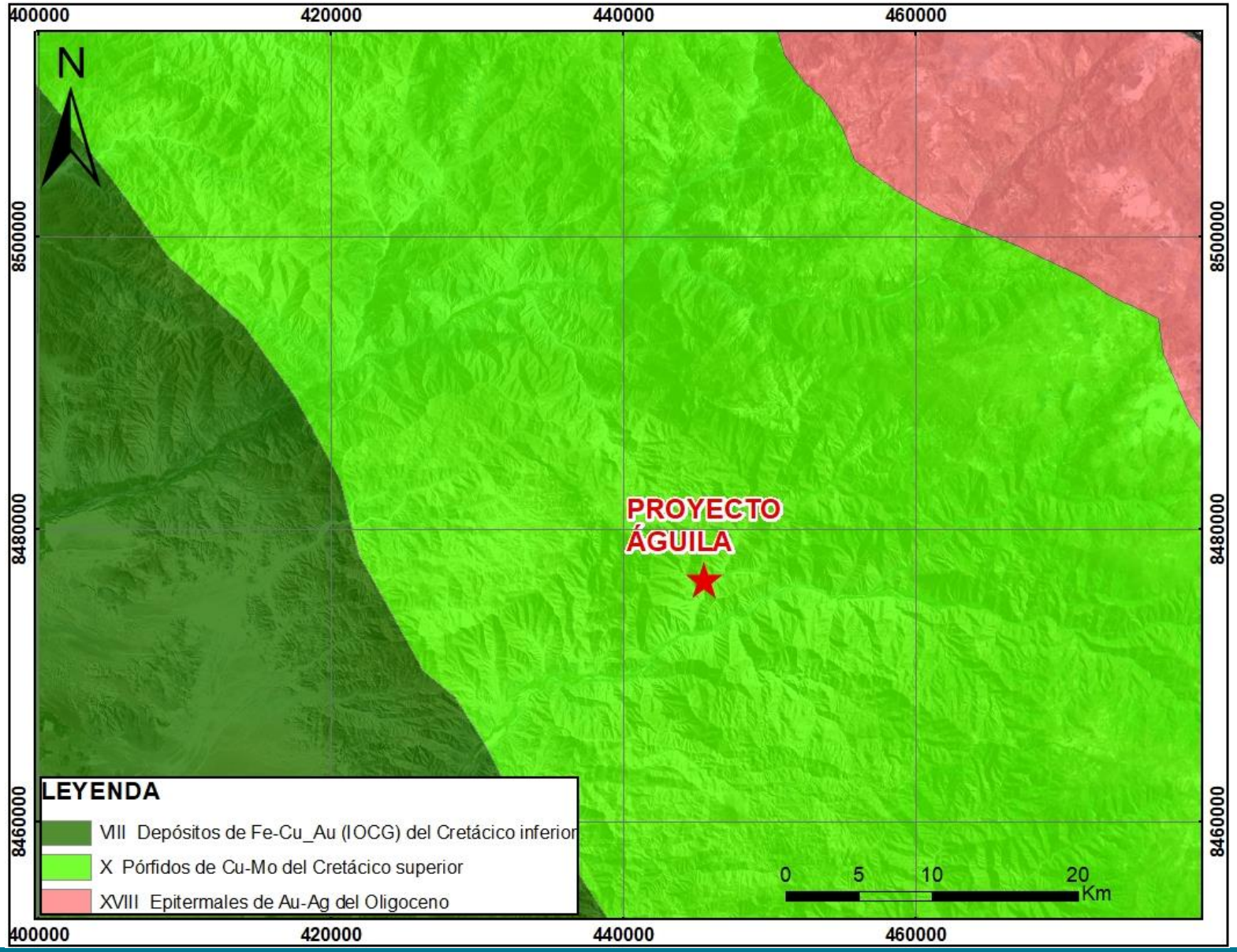
MINERAL OCCURRENCE



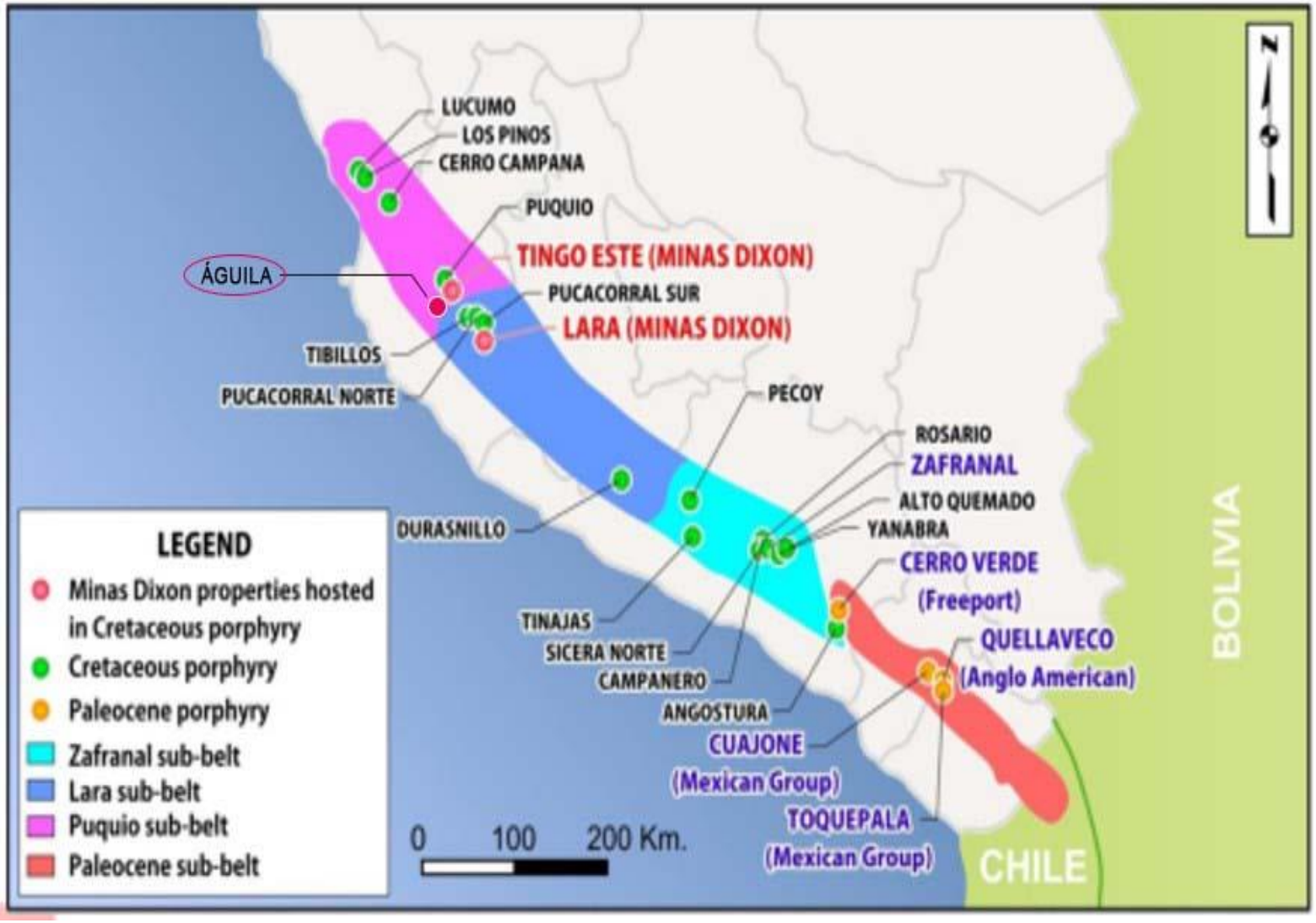
MINING PROJECTS



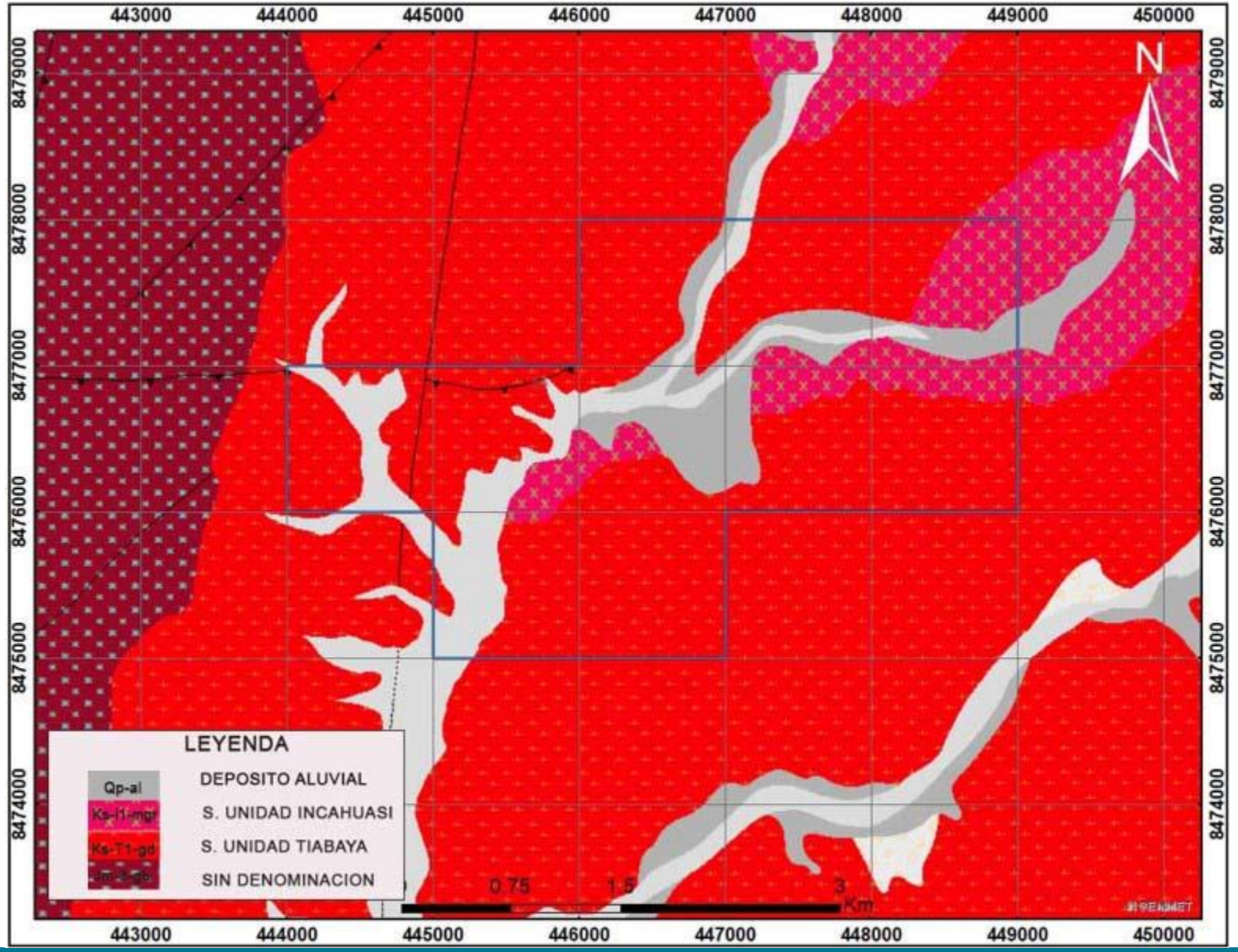
METALLOGENESIS



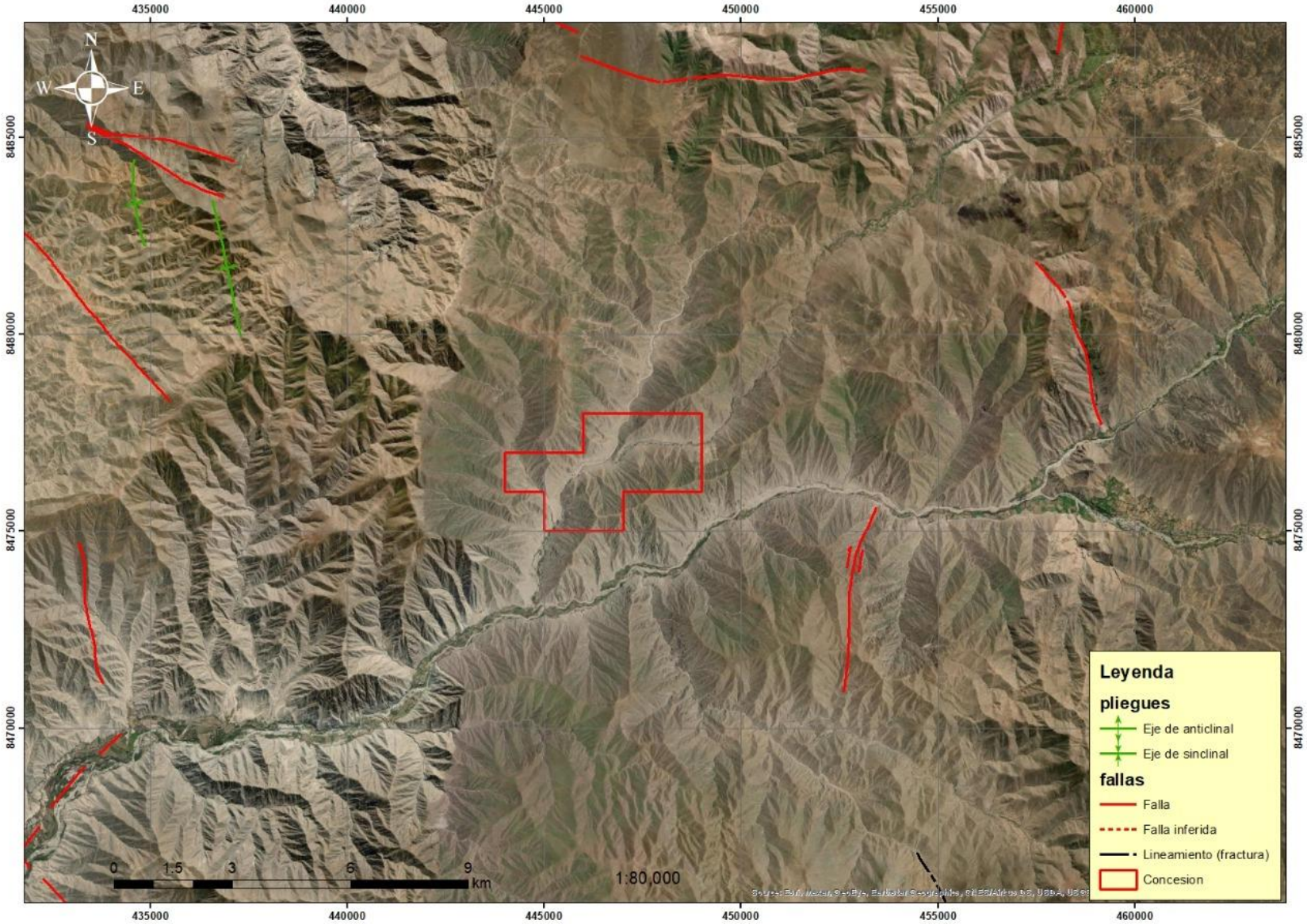
PORPHYRY "BELT"



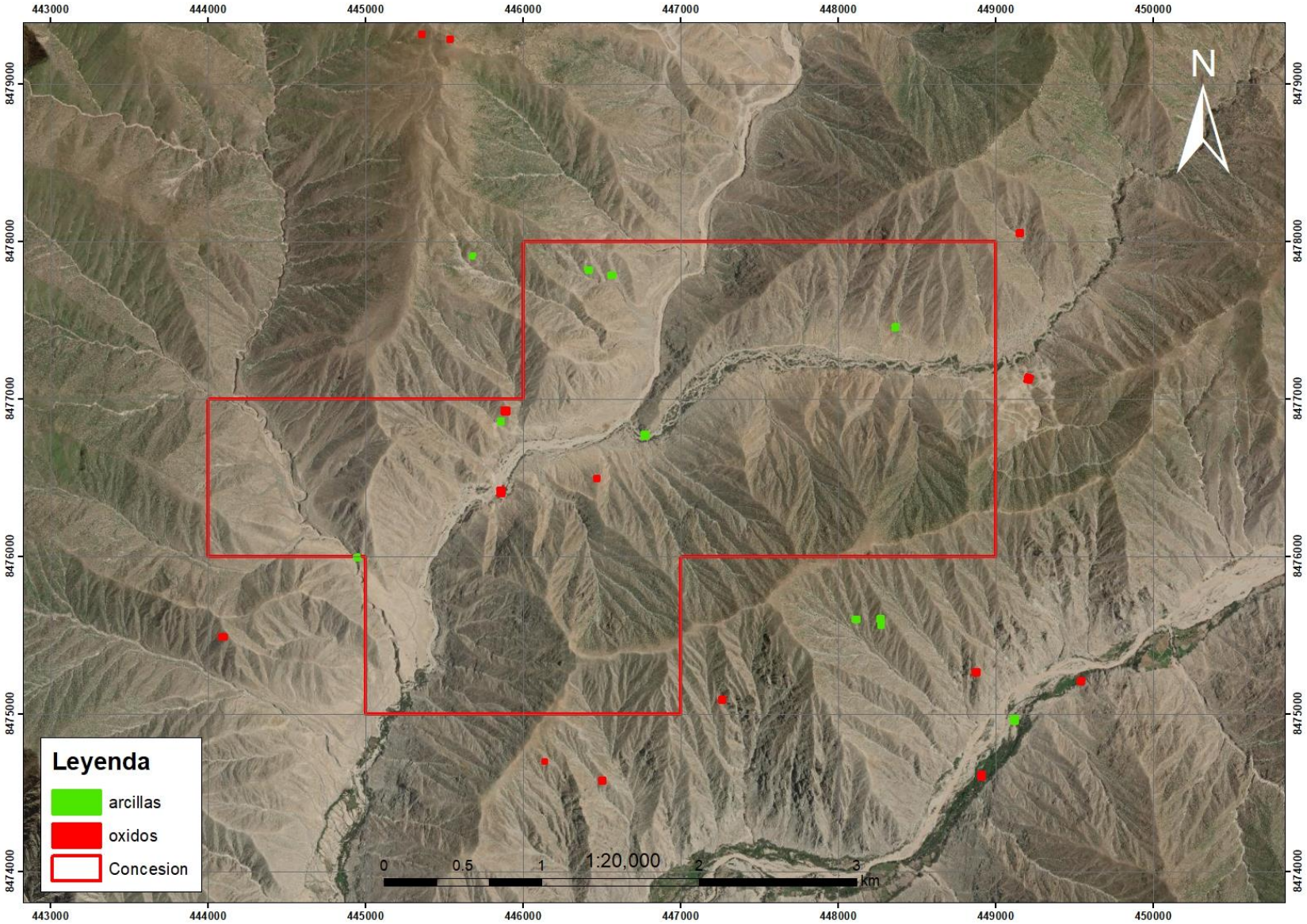
DISTRICT GEOLOGY



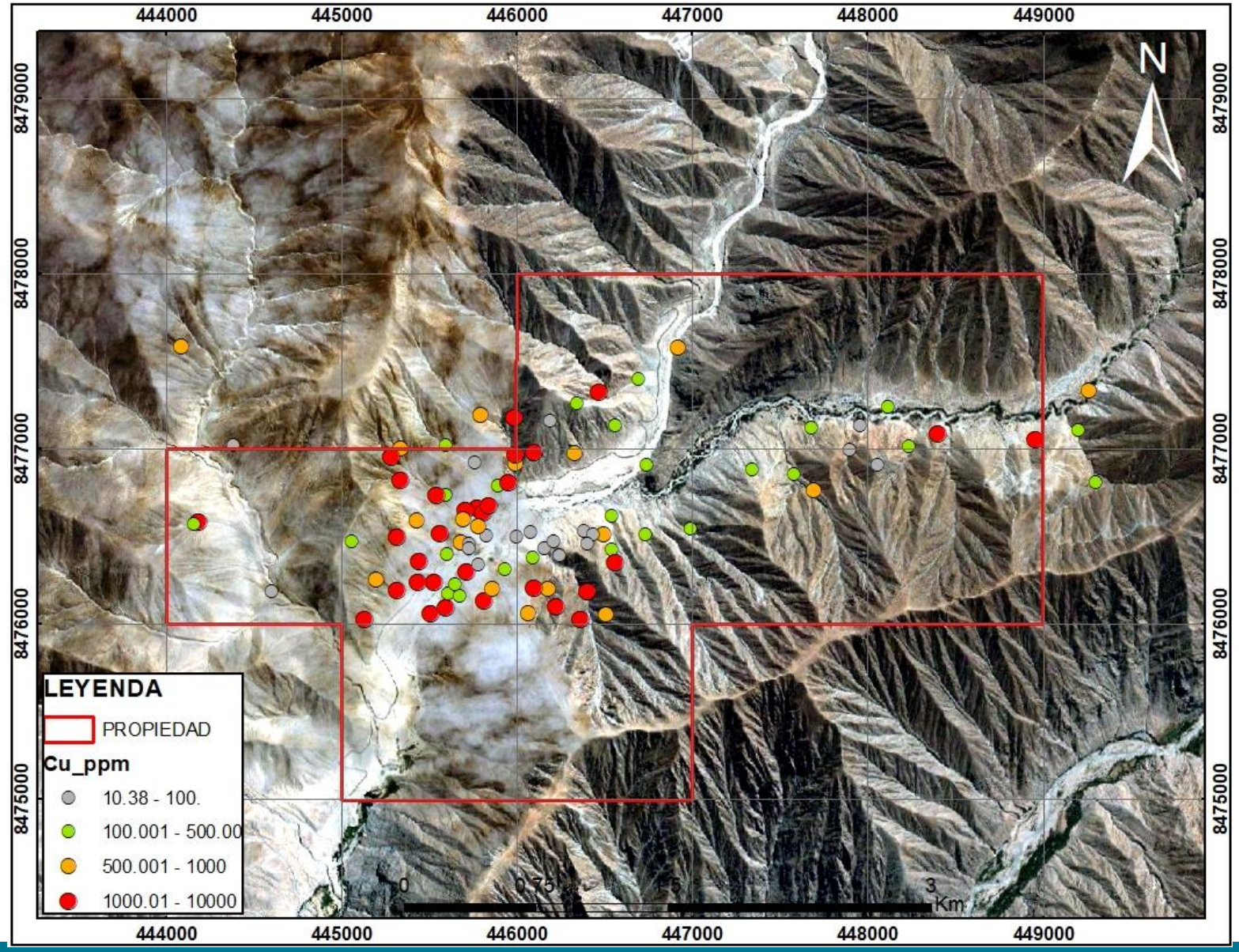
STRUCTURAL GEOLOGY



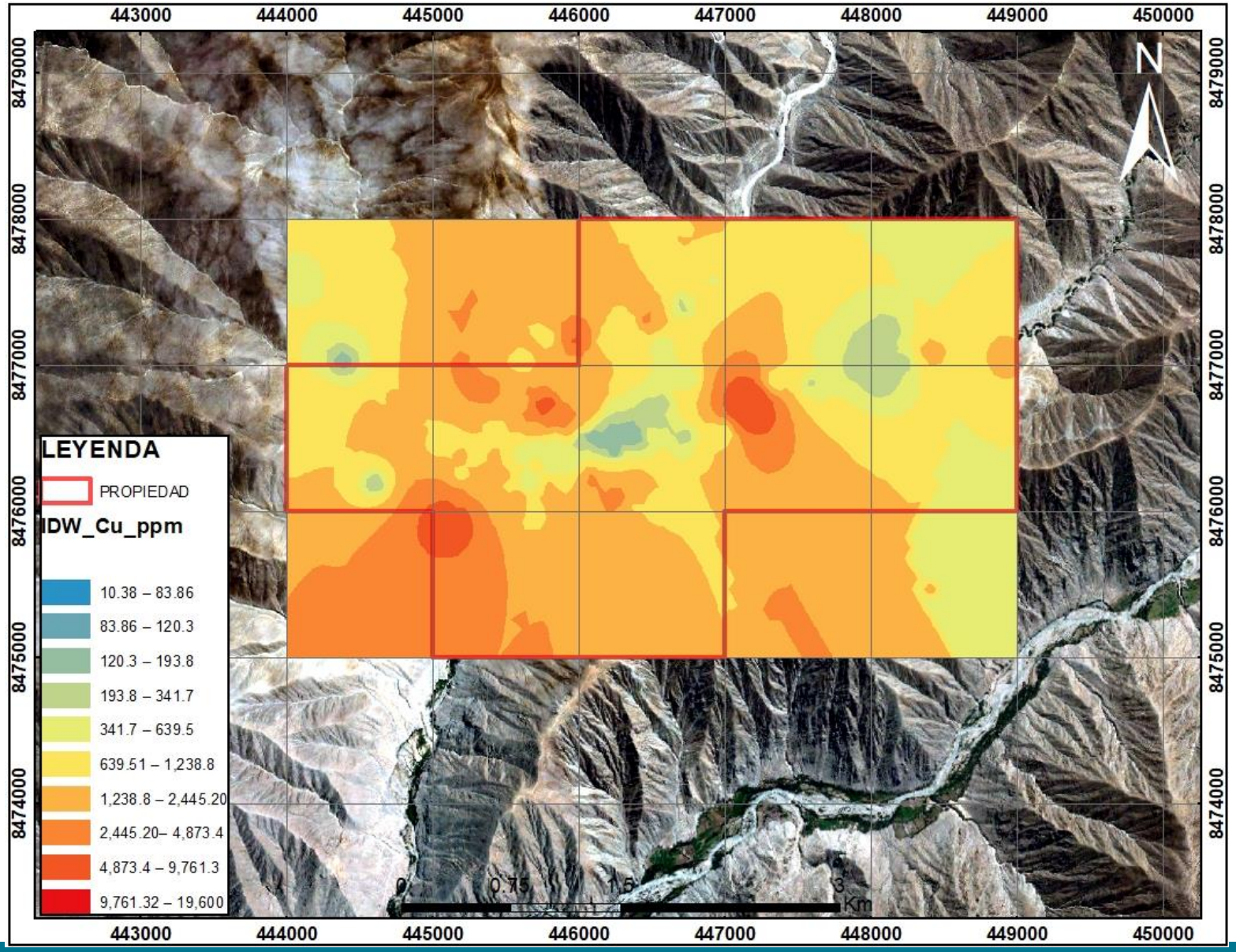
SPECTRAL ANOMALY



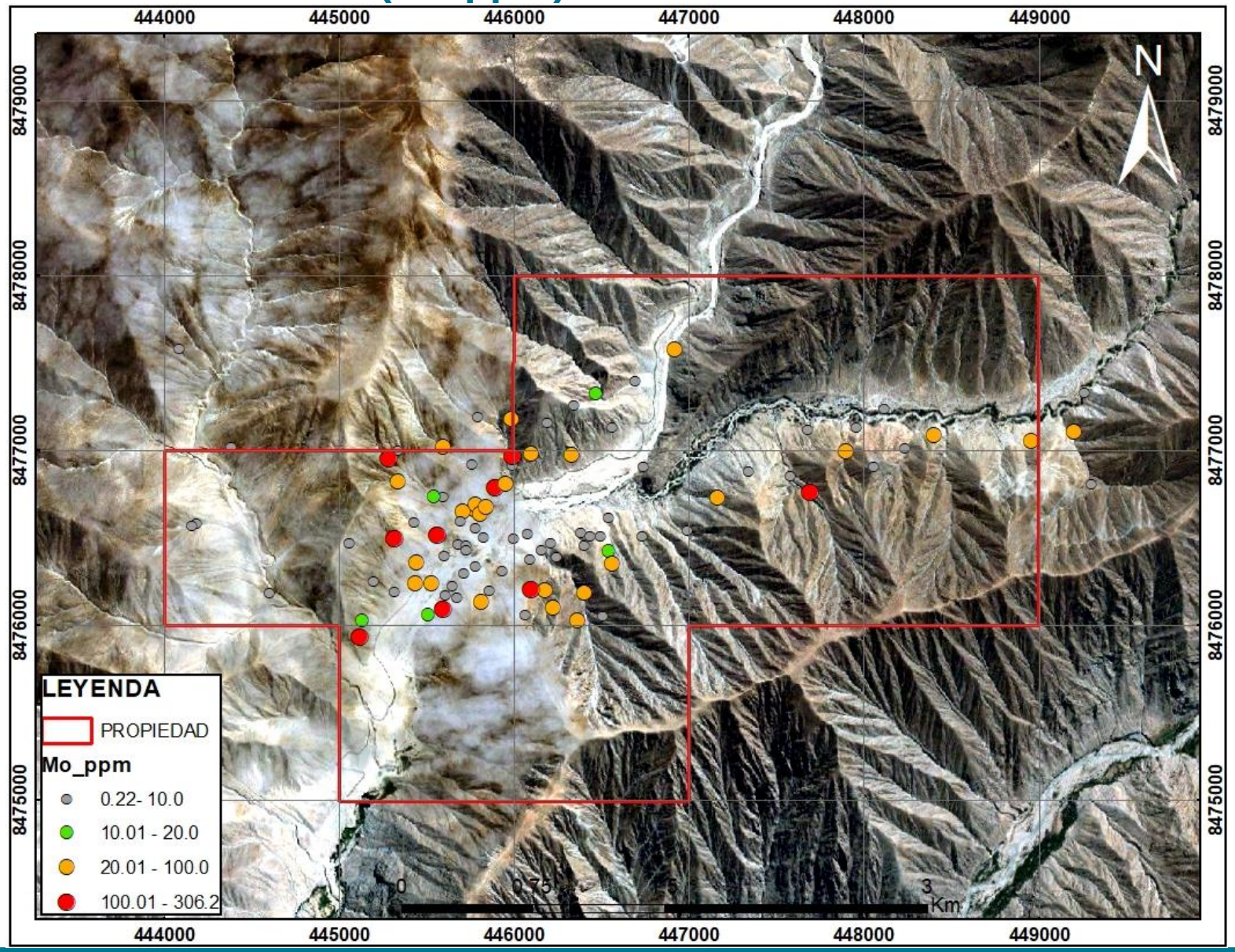
GEOCHEMISTRY – COPPER (Cu ppm)



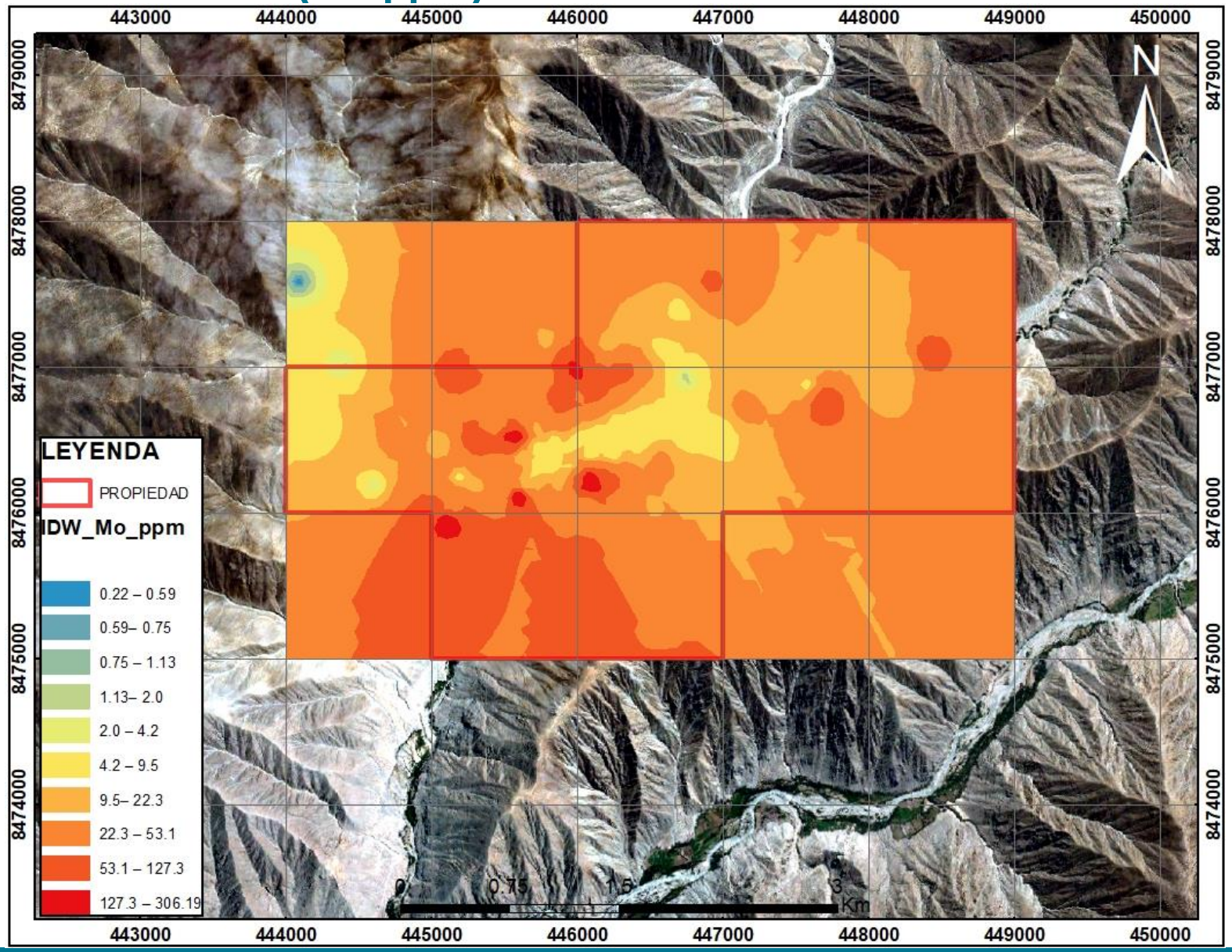
ISOVALUES - COPPER (Cu ppm)



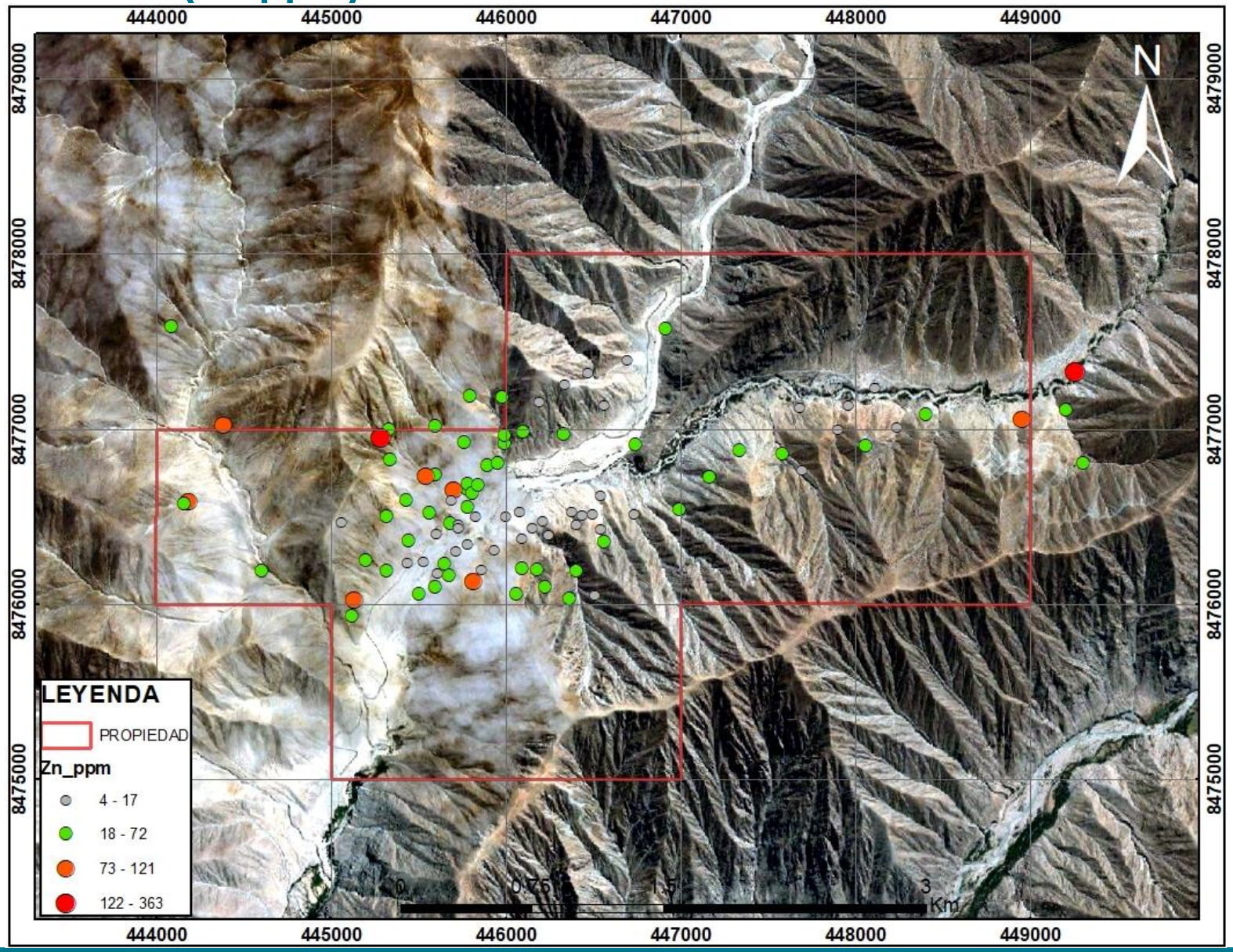
GEOCHEMISTRY – MOLYBDENUM (Mo ppm)



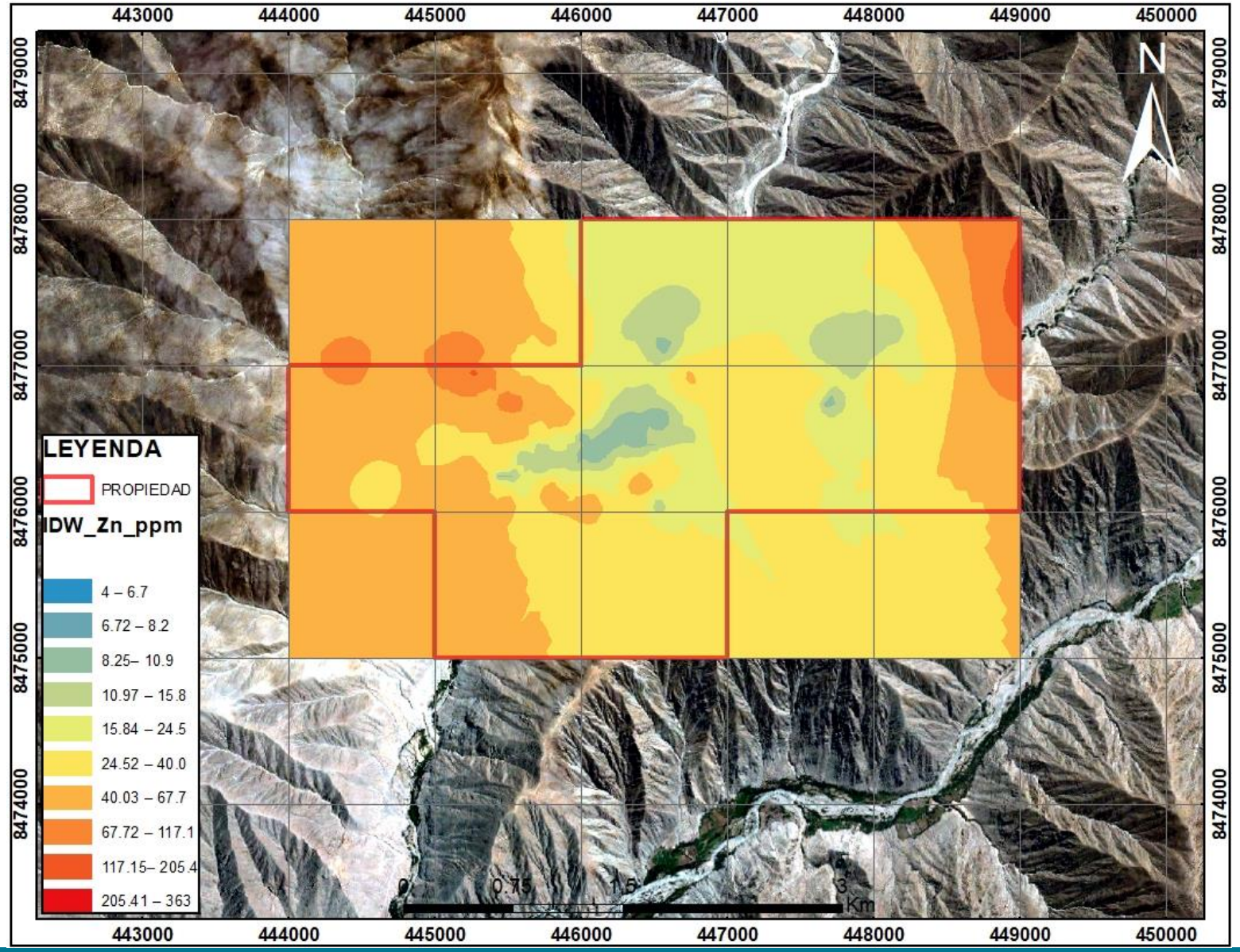
ISOVALUES – MOLYBDENUM (Mo ppm)



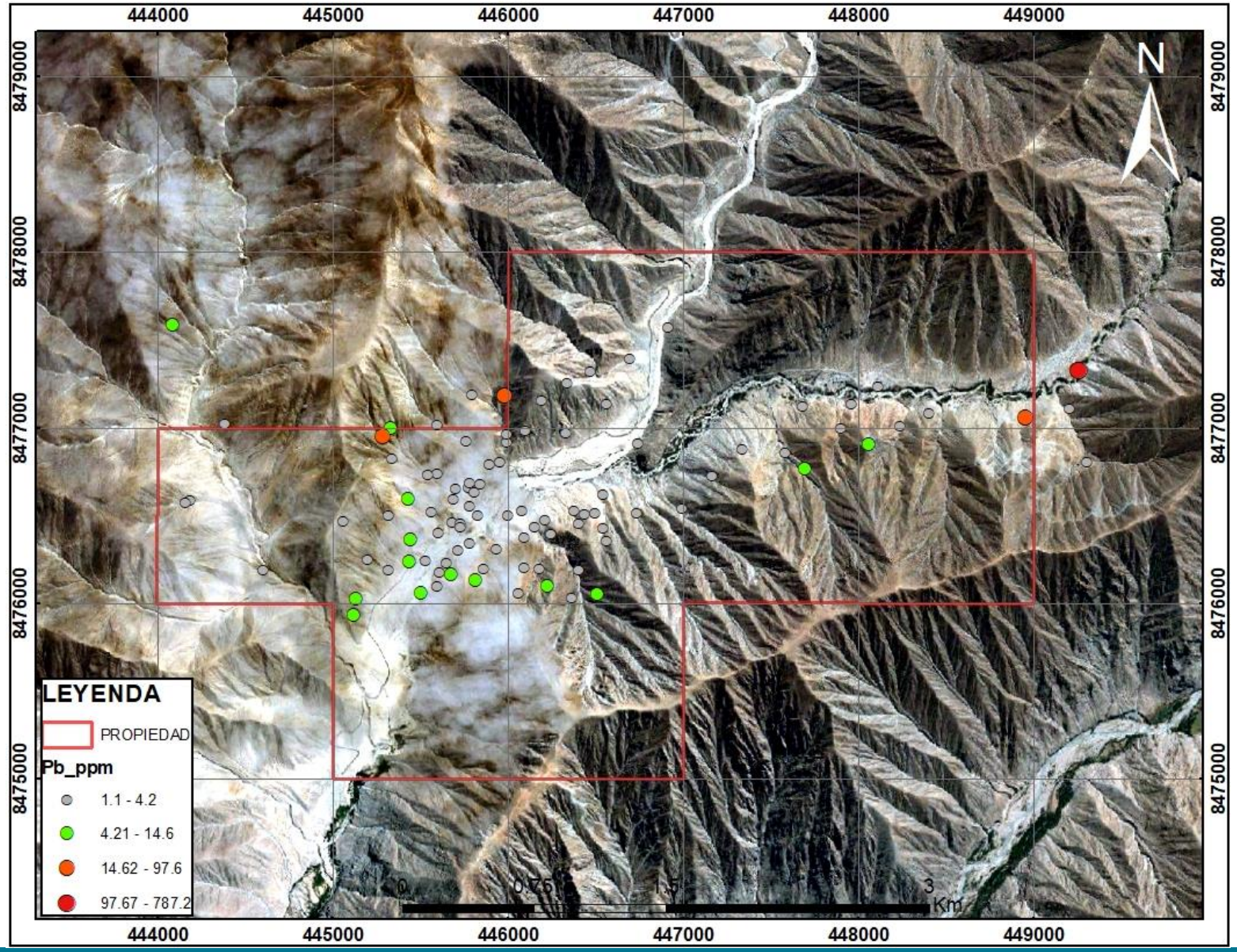
GEOCHEMISTRY – ZINC (Zn ppm)



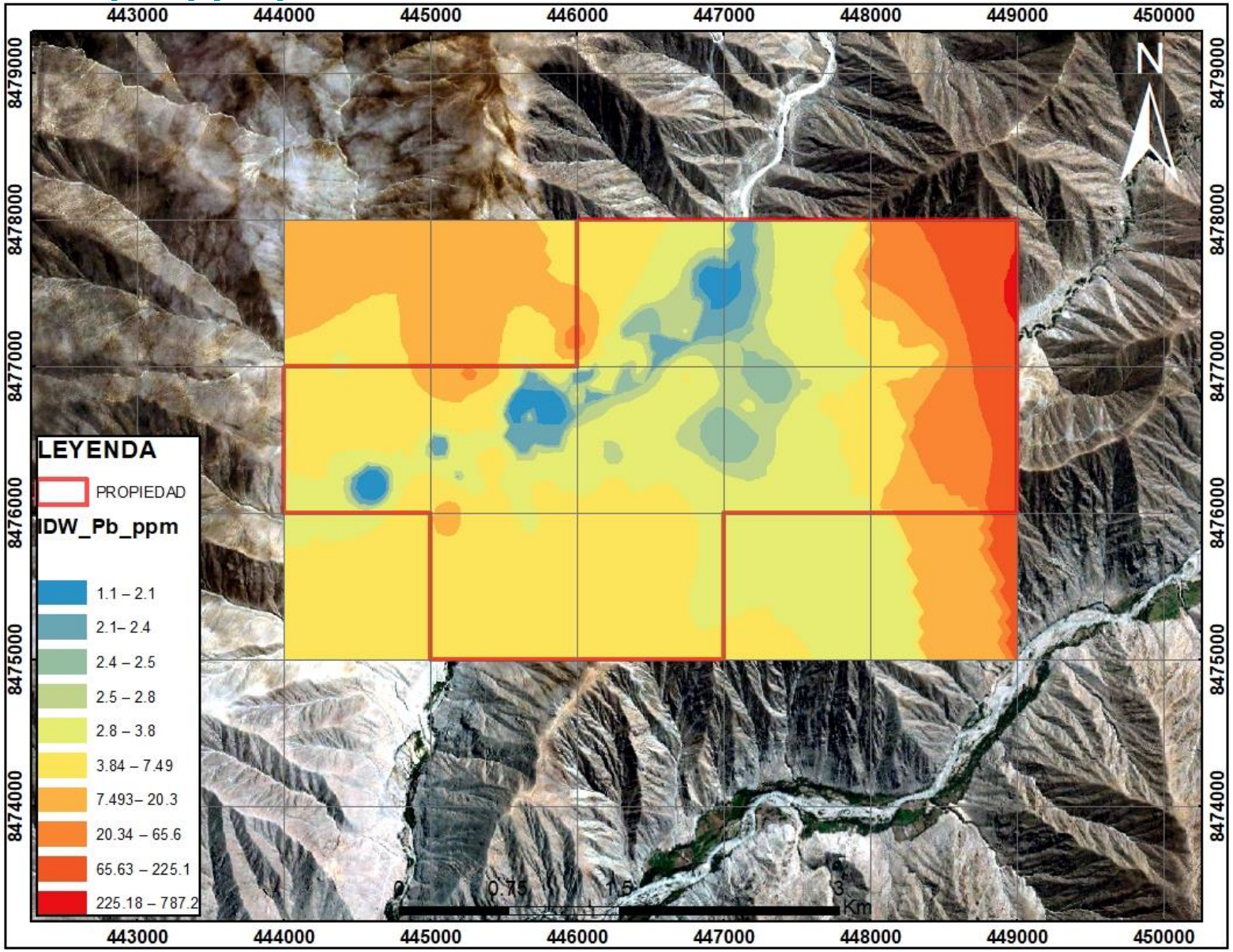
ISOVALUES – ZINC (Zn ppm)



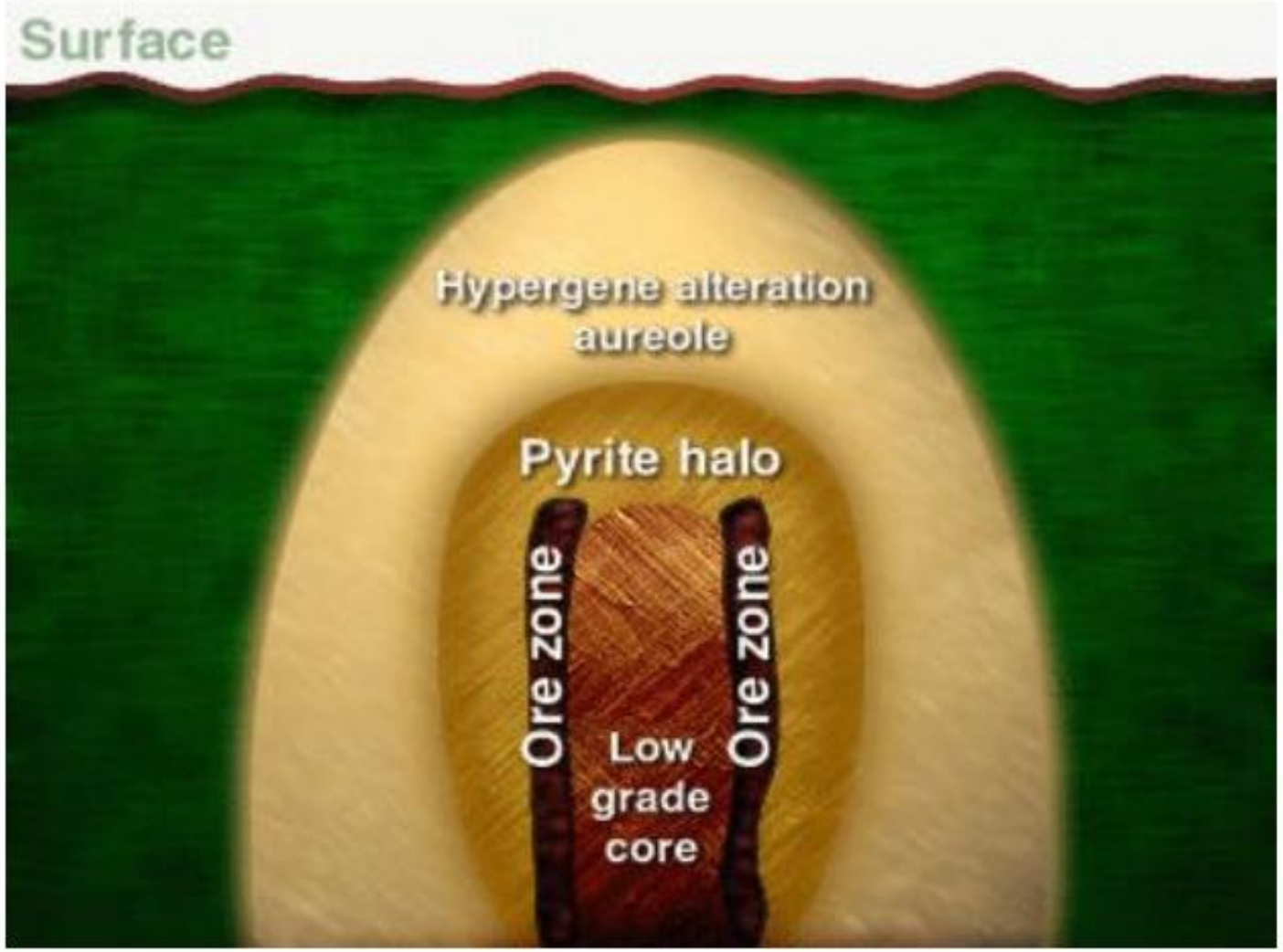
GEOCHEMISTRY – LEAD (Pb ppm)



ISOVALUES – LEAD (Pb ppm)

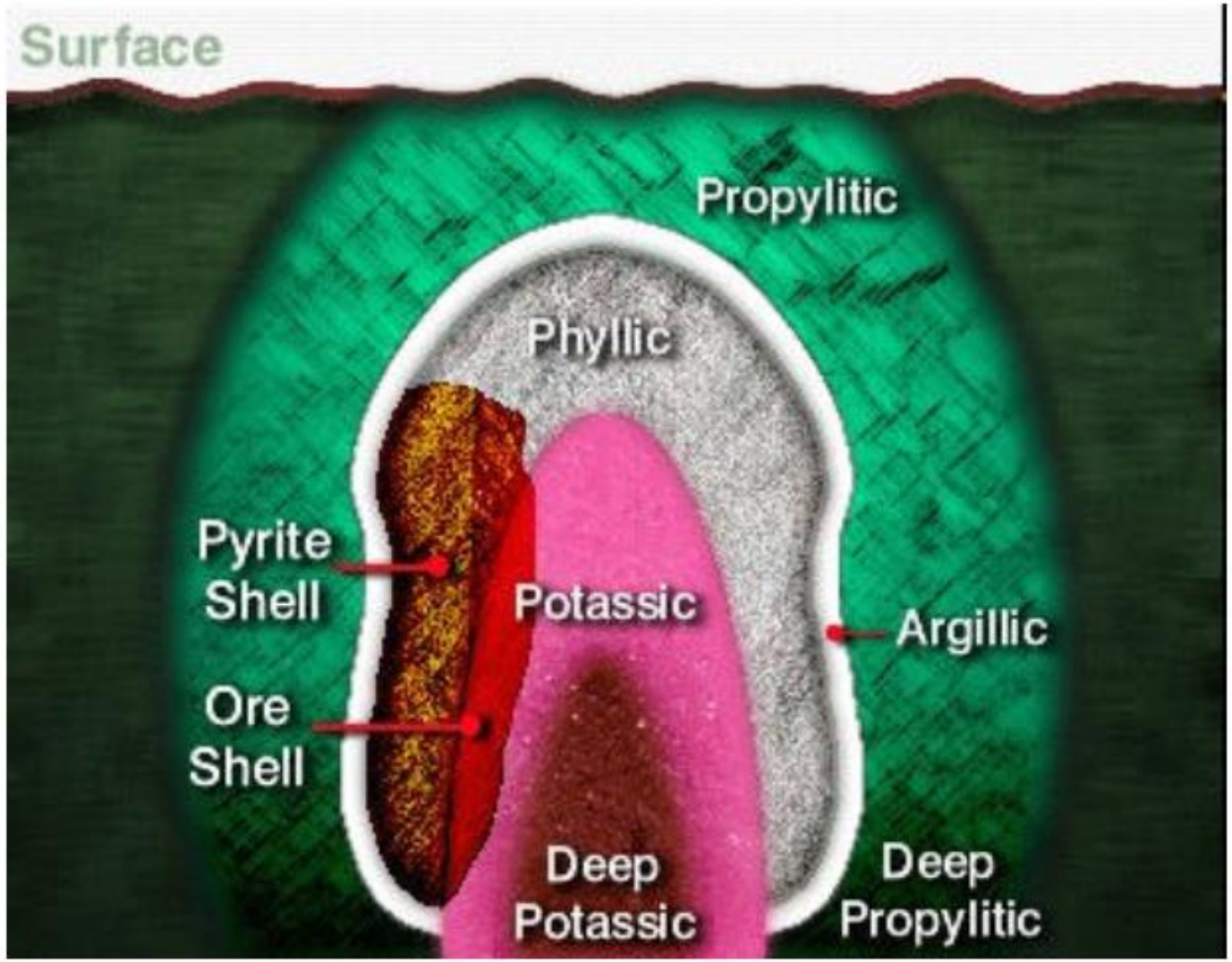


THEORETICAL MODEL



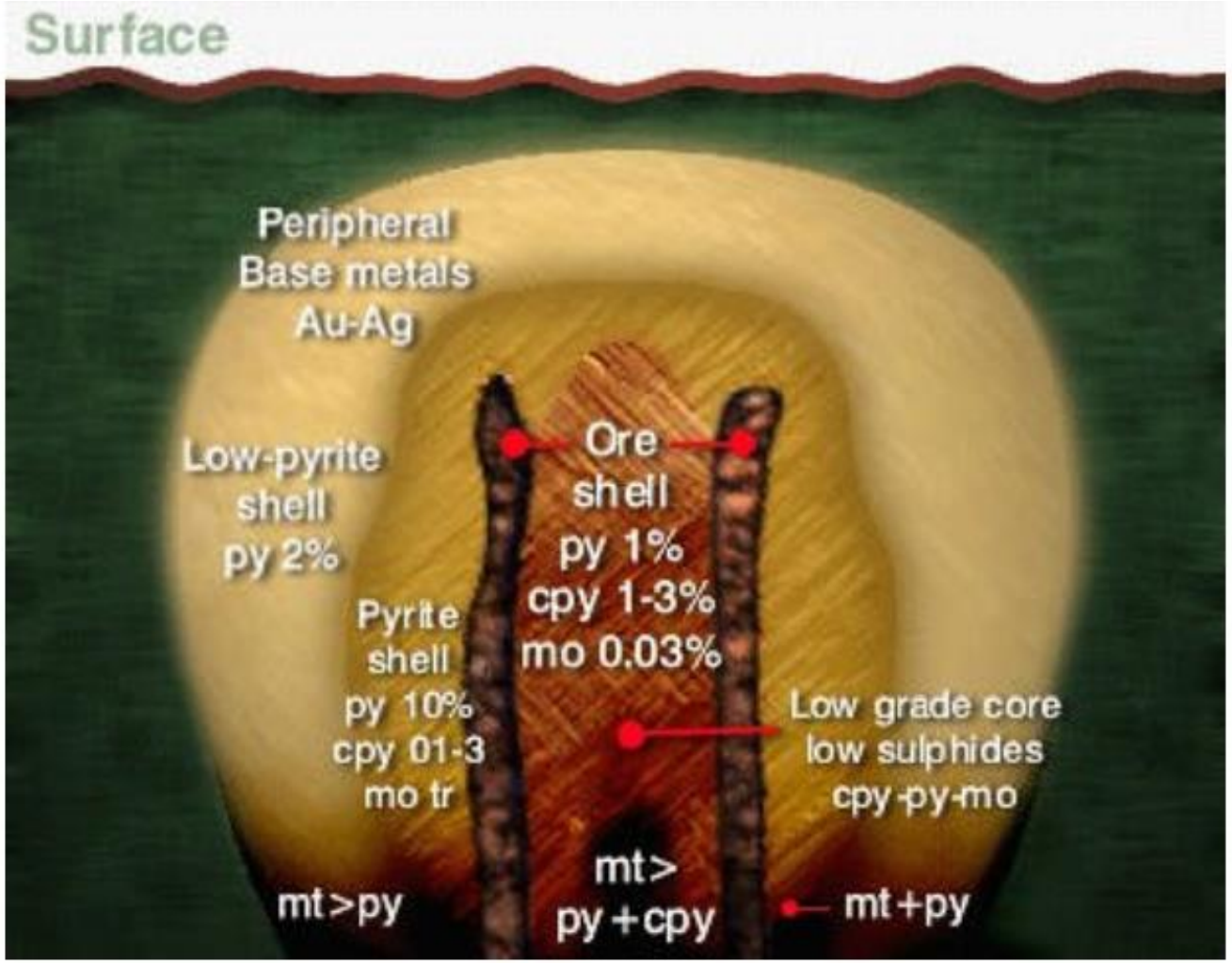
1 km

THEORETICAL MODEL



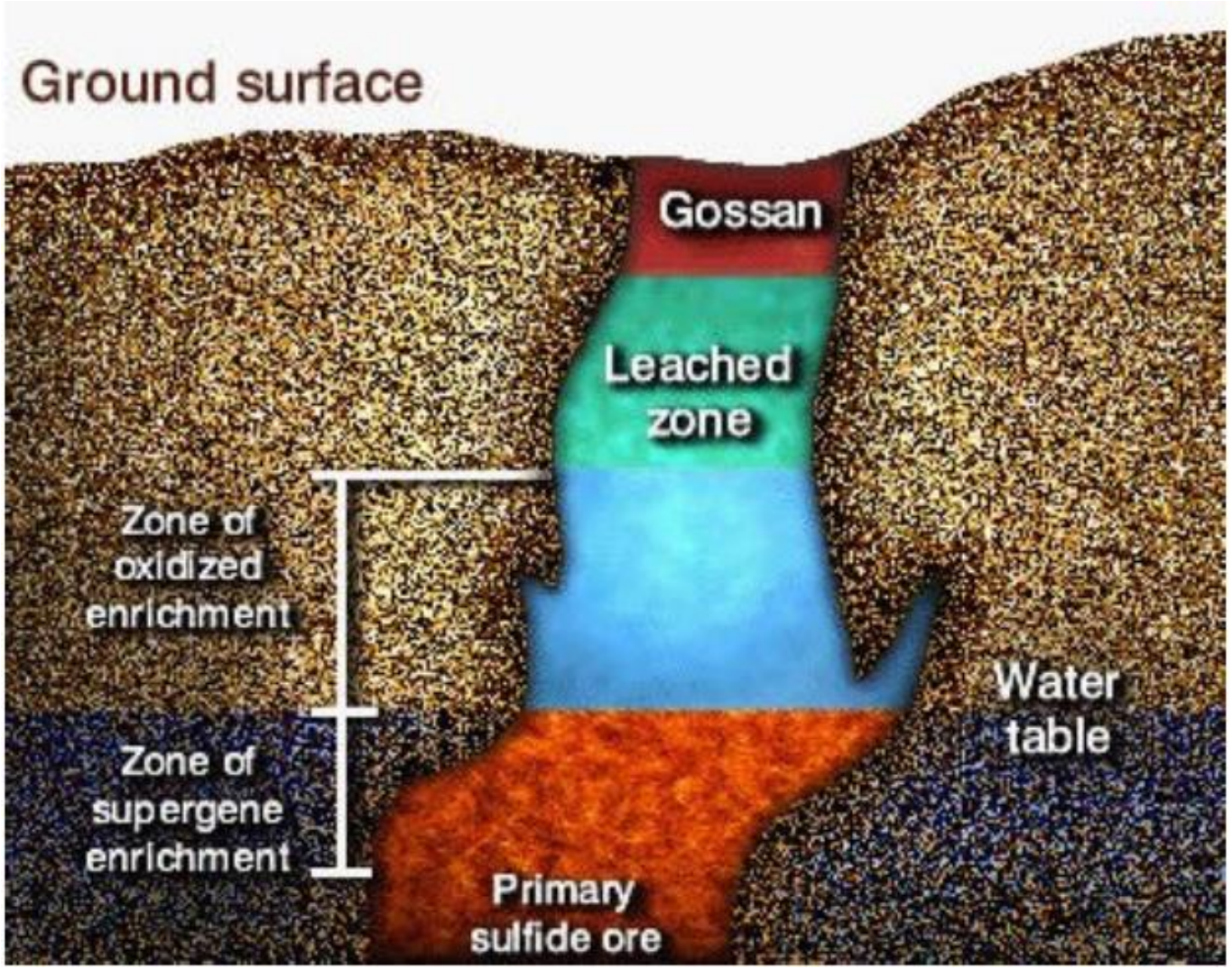
1 km

THEORETICAL MODEL



1 km

THEORETICAL MODEL



CONCLUSIONS

- Metallogenetically speaking, the Águila project is located in the X Metallogenic Belt of Deposits of the Copper (Cu) and Molybdenum (Mo) Type Deposits of the Late Cretaceous. Some Mining Projects of this Metallogenic Belt are: Tia Maria, Angostura, Zafranal, Pecoy, Durasnillo, Lara, Tibillos, Los Pinos, to name some of the main examples.

- The Águila project area is dominated by intrusive rocks of Granodiorite to Monzogranite composition from the Upper Cretaceous.
- The geochemical results of the Águila project define an important anomaly with interesting and expectant values of Copper (Cu) and Molybdenum (Mo).

- Due to the characteristics described in the sections of geochemistry and spectral anomaly, the Águila project is defined as a "Copper (Cu) and Molybdenum (Mo) " Porphyry type deposit.

RECOMMENDATIONS

- Diamond drilling.
- Cartografía Geológica de Semi-detalle a escala 1 : 2,000.
- Muestreo Complementario de rocas (50 muestras).
- Campaña de Prospección Geofísica: Magnetometría (MAG) y Polarización Inducida (IP): 05 Kilómetros Lineales.

POTENTIAL COMPANIES INTERESTED IN PERU

QUÁNTICA MINEFINDERS

1.- BHP

2.- RIO TINTO

3.- ANGLO AMERICAN

4.- SOUTHERN COPPER

5.- LOWELL COPPER

6.- FORTESCUE METALS

7.- ANTOFAGASTA MINERALS

8.- CHINALCO

9.- GOLD FIELDS

10.- SUMITOMO

11.- PEÑOLES

12.- MINSUR

13.- VALE DO RIO DOCE

ANNEX 1

MUESTRA	SISTEMA	ESTE	NORTE	ALTITUD	Au_ppb	Ag_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
149626	UTM_PSAD56_18S	446013	8477018	1524	1.9	0.4	2813.4	13.3	1.5	54
149627	UTM_PSAD56_18S	446001	8477028	1531	5	0.4	1808.2	33.8	1.6	59
149628	UTM_PSAD56_18S	446005	8477054	1550	18.2	0.2	19600	59.7	1.5	62
149629	UTM_PSAD56_18S	445930	8477017	1540	1.1	0.4	4393.1	45.8	3.3	95
149630	UTM_PSAD56_18S	445818	8477102	1570	0.25	0.3	389.7	2.3	1.1	29
149631	UTM_PSAD56_18S	445909	8476827	1513	2.7	0.05	552.1	7	1.2	34
149632	UTM_PSAD56_18S	445953	8476820	1511	1.3	0.05	99.5	1.1	2.8	9
149633	UTM_PSAD56_18S	446031	8476998	1530	5.7	1	4796.7	67.3	3.5	63
149634	UTM_PSAD56_18S	446064	8477042	1520	6.8	0.3	1745.3	47.9	1.1	58
149665	UTM_PSAD56_18S	449483	8477695	1754	1.2	0.8	565.7	6.1	787.2	363
149666	UTM_PSAD56_18S	449424	8477472	1768	0.6	0.2	289.6	48.1	2.4	34
149667	UTM_PSAD56_18S	448338	8477603	1664	2.3	0.1	151.3	1.9	4.1	10
149668	UTM_PSAD56_18S	448182	8477500	1674	0.7	0.05	95.6	2.5	4.2	9
149669	UTM_PSAD56_18S	447904	8477487	1666	0.25	0.2	455.5	4.4	3.4	8
149671	UTM_PSAD56_18S	445731	8476426	1486	0.25	0.5	1616.5	15.4	4.6	58
149672	UTM_PSAD56_18S	445832	8476540	1504	0.25	0.05	141.9	1.5	2.2	6
149673	UTM_PSAD56_18S	445900	8476527	1555	0.25	0.2	294.4	3.4	5	45
149674	UTM_PSAD56_18S	446038	8476497	1578	9.1	2.4	2506	37.8	6.1	88
149675	UTM_PSAD56_18S	446083	8476563	1590	0.25	0.3	624.3	1.2	3.2	16
149676	UTM_PSAD56_18S	445938	8476666	1502	0.25	0.2	1237.7	3	3	6
149677	UTM_PSAD56_18S	445871	8476593	1499	0.25	0.05	112.9	0.6	3.4	17
149678	UTM_PSAD56_18S	445752	8476607	1470	0.25	0.05	1473.3	47.9	2.8	8
149679	UTM_PSAD56_18S	447219	8476906	1604	0.25	0.05	186.2	0.4	1.2	33
149680	UTM_PSAD56_18S	446961	8476877	1681	0.6	0.1	128.5	2.9	2.5	13
149681	UTM_PSAD56_18S	446768	8476791	1651	1.5	0.5	493.7	15.8	2.8	8
149682	UTM_PSAD56_18S	446718	8476878	1624	1.9	0.4	503.4	1.2	2.2	14
149683	UTM_PSAD56_18S	446764	8476984	1569	0.25	0.1	266.4	3.7	3.5	6
149684	UTM_PSAD56_18S	446605	8476893	1584	0.25	0.05	70.3	5.1	4	8
149685	UTM_PSAD56_18S	446304	8476891	1547	0.25	0.05	46.1	0.6	3.1	12
149686	UTM_PSAD56_18S	444830	8476552	1519	0.25	0.05	34.2	0.9	1.3	30
149687	UTM_PSAD56_18S	445343	8476300	1510	1.7	0.5	12070	217.9	8.7	51

ANNEX 2

MUESTRA	SISTEMA	ESTE	NORTE	ALTITUD	Au_ppb	Ag_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
149688	UTM_PSAD56_18S	445668	8476725	1519	1.1	0.9	1519.6	44.6	6.4	47
156537	UTM_PSAD56_18S	449178	8477420	1769	2.3	1.074	1805.52	47.5	97.67	86.8
156538	UTM_PSAD56_18S	449524	8477172	1834	0.1	0.089	287.4	1.36	2	34.4
156539	UTM_PSAD56_18S	448282	8477270	1867	0.1	0.042	10.38	0.28	7.56	46.7
156540	UTM_PSAD56_18S	447920	8477128	1769	10.1	0.788	623.9	112.61	4.29	6.7
156541	UTM_PSAD56_18S	446786	8476718	1656	3.5	0.402	1075.48	41.99	3.91	40.5
156542	UTM_PSAD56_18S	446731	8476417	1738	0.9	0.86	724.39	7.86	5.71	7.4
156543	UTM_PSAD56_18S	446589	8476394	1714	1.1	0.978	1164.98	45.96	3.52	38.6
156544	UTM_PSAD56_18S	446451	8476465	1735	23.1	4.027	5057.79	34.7	8.13	23.6
156545	UTM_PSAD56_18S	446405	8476562	1665	2.1	0.365	916.77	86.75	3.96	16.9
156546	UTM_PSAD56_18S	446380	8476799	1581	0.4	0.06	27.92	0.43	3.35	7.6
156547	UTM_PSAD56_18S	446007	8476705	1492	0.6	0.07	67.31	1.76	3.93	11.5
156548	UTM_PSAD56_18S	445820	8476460	1635	0.6	0.55	1836.06	264.7	2.46	23
156549	UTM_PSAD56_18S	446224	8476863	1547	0.7	0.075	53.8	2.17	3.98	6.5
156550	UTM_PSAD56_18S	446053	8476867	1497	0.1	0.091	64.59	1.03	2.06	6
156551	UTM_PSAD56_18S	445952	8476797	1487	0.1	0.051	32.94	0.64	2.73	8.2
156552	UTM_PSAD56_18S	445829	8476764	1503	0.1	0.041	110.51	2.01	2.53	3.5
156553	UTM_PSAD56_18S	445662	8476603	1493	0.1	0.313	1561.97	26.47	5.14	8.8
156554	UTM_PSAD56_18S	445540	8476555	1507	0.1	0.444	1232.49	6.3	2.99	61.6
156555	UTM_PSAD56_18S	445357	8476389	1537	1.9	4.248	4888.45	17.41	9.52	89.9
156556	UTM_PSAD56_18S	446118	8477156	1541	2.9	0.76	340.66	152.59	1.7	23.8
156557	UTM_PSAD56_18S	445985	8477288	1597	0.1	0.063	81.15	1.92	2.69	32.2
156558	UTM_PSAD56_18S	445820	8477382	1699	0.9	0.53	151.38	27.53	2.25	18.9
156559	UTM_PSAD56_18S	445559	8477364	1774	1	1.002	917.93	4.37	8.96	50.7
156560	UTM_PSAD56_18S	445511	8477318	1764	0.5	1.933	4102.25	136.29	31.18	137.9
156561	UTM_PSAD56_18S	445564	8477187	1713	0.1	0.346	3608.61	20.68	3.12	63
156562	UTM_PSAD56_18S	448628	8477449	1734	5.4	0.888	1646.3	89.72	1.53	34.4
156563	UTM_PSAD56_18S	448461	8477378	1755	0.8	0.161	157.56	0.22	1.9	8.7
156564	UTM_PSAD56_18S	448121	8477359	1759	0.5	0.087	74.86	21.53	1.86	9
156565	UTM_PSAD56_18S	447807	8477222	1710	0.1	0.15	189.98	1.2	2.68	33
156566	UTM_PSAD56_18S	447564	8477246	1754	0.1	0.066	194.51	4.08	1.69	39.9
156567	UTM_PSAD56_18S	447386	8477091	1716	40.1	9.24	16210	34.36	2.93	47.2

ANNEX 3

MUESTRA	SISTEMA	ESTE	NORTE	ALTITUD	Au_ppb	Ag_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
156568	UTM_PSAD56_18S	446659	8476873	1633	0.9	0.047	75.24	1.8	3.24	8.2
156569	UTM_PSAD56_18S	446625	8476822	1643	0.3	0.096	97.4	4.36	2.91	7.5
156570	UTM_PSAD56_18S	446438	8476837	1593	1.3	0.05	87.93	0.45	2.59	5.8
156571	UTM_PSAD56_18S	446468	8476759	1587	0.3	0.044	69.89	0.48	1.99	15.7
156572	UTM_PSAD56_18S	446628	8476553	1658	4.3	2.052	2392.17	34.08	3.29	70.1
156573	UTM_PSAD56_18S	446287	8476423	1769	0.2	0.105	601.64	3.28	3.82	64.5
156574	UTM_PSAD56_18S	446320	8476568	1726	2.4	0.794	3885.92	306.19	3.2	18.3
156575	UTM_PSAD56_18S	446319	8476743	1611	3.7	0.225	415.26	0.62	2.15	5.4
156576	UTM_PSAD56_18S	446156	8476675	1558	0.2	0.077	112.57	0.87	2.9	10.3
156577	UTM_PSAD56_18S	445917	8476960	1556	1.2	0.12	721.54	3.55	2.36	11
156578	UTM_PSAD56_18S	445657	8476957	1603	0.1	0.554	873.27	1.92	4.42	69.1
156579	UTM_PSAD56_18S	445545	8476864	1606	0.2	0.502	1220.89	106.43	3.38	32.4
156580	UTM_PSAD56_18S	445421	8476614	1552	1.8	0.928	757.33	1.12	2.32	54.1
156581	UTM_PSAD56_18S	445285	8476833	1737	1	0.159	497.13	2.46	1.41	15.5
156582	UTM_PSAD56_18S	445785	8476883	1529	0.7	0.321	1206.06	285.5	1.46	57.3
156583	UTM_PSAD56_18S	446216	8477282	1571	0.3	0.248	821.07	5.07	1.37	21.2
156584	UTM_PSAD56_18S	446415	8477523	1749	0.1	0.041	44.08	1.87	1.68	13.3
156585	UTM_PSAD56_18S	446565	8477622	1766	0.1	0.042	178.58	1.38	1.91	13.5
156586	UTM_PSAD56_18S	446693	8477686	1659	2	0.605	3040.67	19.55	1.97	13.4
156587	UTM_PSAD56_18S	446785	8477500	1606	1.2	0.09	214.01	1.76	1.97	8.5
156588	UTM_PSAD56_18S	446557	8477336	1585	5.2	0.121	895.7	66.89	2.13	17.9
156589	UTM_PSAD56_18S	446321	8477347	1600	1.8	0.32	2119.84	42.48	1.49	22.5
156590	UTM_PSAD56_18S	444609	8477386	1676	0.7	0.079	99.21	1.67	3.47	75.7
156591	UTM_PSAD56_18S	444311	8477948	1810	0.9	0.302	563.67	0.4	14.15	41.6
156592	UTM_PSAD56_18S	444411	8476949	1673	21.7	2.458	1772.4	0.77	3.41	73.3
156593	UTM_PSAD56_18S	444387	8476936	1685	1.5	0.354	104.16	3.34	3.87	35.5
156594	UTM_PSAD56_18S	446180	8477171	1540	2.3	0.105	1258.74	22.14	3.72	32.2
156595	UTM_PSAD56_18S	446215	8477331	2582	1.2	0.321	1771.83	278.06	2.16	20.2
156596	UTM_PSAD56_18S	446017	8477556	1714	0.9	0.341	519.42	4.32	1.31	43.8
156597	UTM_PSAD56_18S	446208	8477546	1661	0.4	0.709	5920.35	53.37	38.9	38
156598	UTM_PSAD56_18S	445769	8477100	1579	1.7	0.277	1733.45	15.36	1.93	104.3
156601	UTM_PSAD56_18S	447141	8477941	1605	0.7	0.209	576.67	62.67	1.67	20.2
156602	UTM_PSAD56_18S	446964	8477275	1570	0.1	0.115	162.36	0.52	4.08	45.3
156603	UTM_PSAD56_18S	446920	8477762	1594	0.6	0.093	133.23	0.97	2.45	12.3
156604	UTM_PSAD56_18S	446005	8476920	1512	1.8	0.213	531.75	8.9	1.27	37.4

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