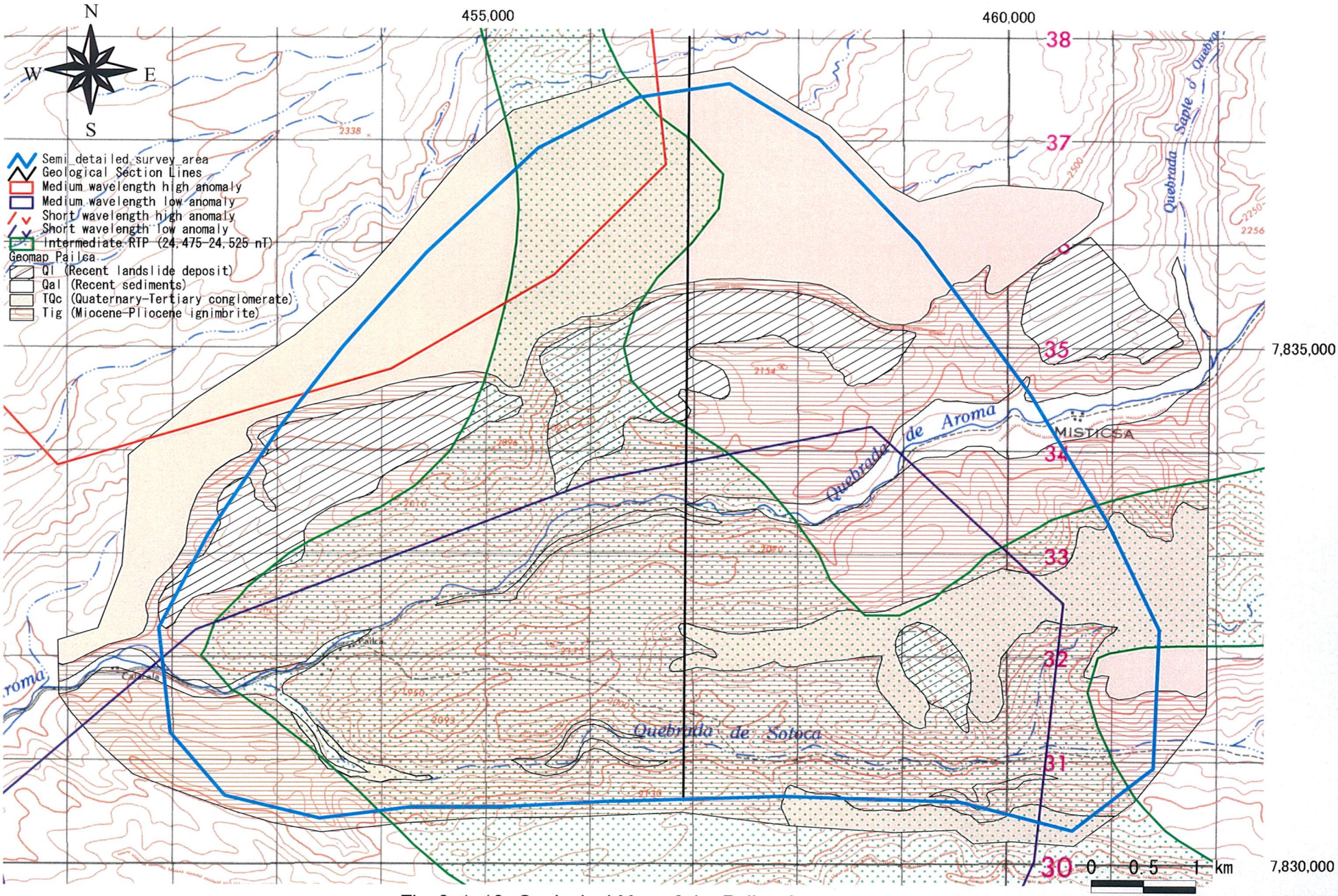
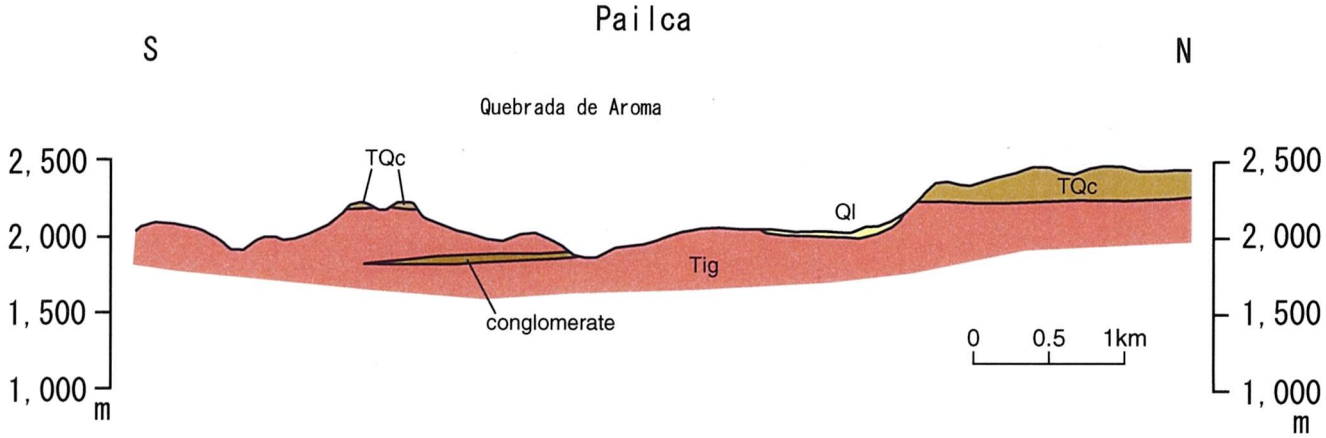


Fig. 2-1-19 Geological Map of the Pailca Area



Geologic Time			Columnar Section	Lithology	Intrusives	Mineralization
CENOZOIC	QUATER-NARY	HOLOCENE	Ql, Qal	Landslide deposit Alluvium		
	QUATERNARY ~ TERTIARY		TQc	Conglomerate		
	TERTIARY	PLIOCENE ~ MIOCENE	Tig	Pumice tuff Welded tuff Conglomerate		

Fig. 2-1-20 Schematic Stratigraphic Columns and Profiles of the Pailca Area

440,000

450,000

460,000

7,870,000

7,860,000

N

W

E

S

0 2 4 6 km

Fig. 2-1-21 Sample Location Map of the Camina Area

Semi_detailed_survey_area
Geological Section Lines

Ore deposits and Prospects
- Porphyry-Cu
- Porphyry-Cu, Mo
- Porphyry-Cu, Au
- Vein and Irregular-Cu
- Vein-Mo
- Vein-Au
- Vein-Ag, Pb, Zn
- Vein-Sb
- Vein and Irregular-Fe
- Vein and Irregular-Mn
- Unknown-Cu
- Unknown-Au
- Unknown-Ag, Pb, Zn

- Medium wavelength high anomaly
- Medium wavelength low anomaly
- Short wavelength high anomaly
- Short wavelength low anomaly
- Intermediate RTP (24,475-24,525 nT)

Geomap_Camina
- Ql (Recent landslide deposit)
- Qal (Recent sediments)
- Qv (Quaternary-Tertiary volcanics)
- Qvc (Quaternary-Tertiary sediments)
- Qvr (Quaternary-Tertiary ignimbrite)
- Kc(i) (Cretaceous sediments)
- Kv(i) (Cretaceous volcanics)
- Jm(s) (Jurassic Malm sediments)

Intrusive rocks
- Qp (Quartz porphyry)
- Di (Diorite)
- Kgd (Cretaceous granodiorite)

440,000 450,000 460,000

7,870,000

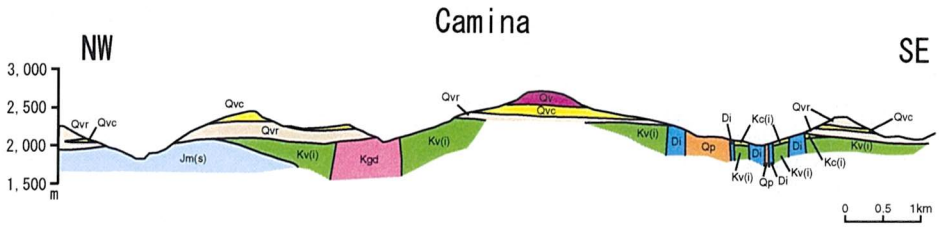
7,860,000

N W E S

Camina Llama Quistagama

0 2 4 6 km

Fig. 2-1-22 Geological Map of the Camina Area



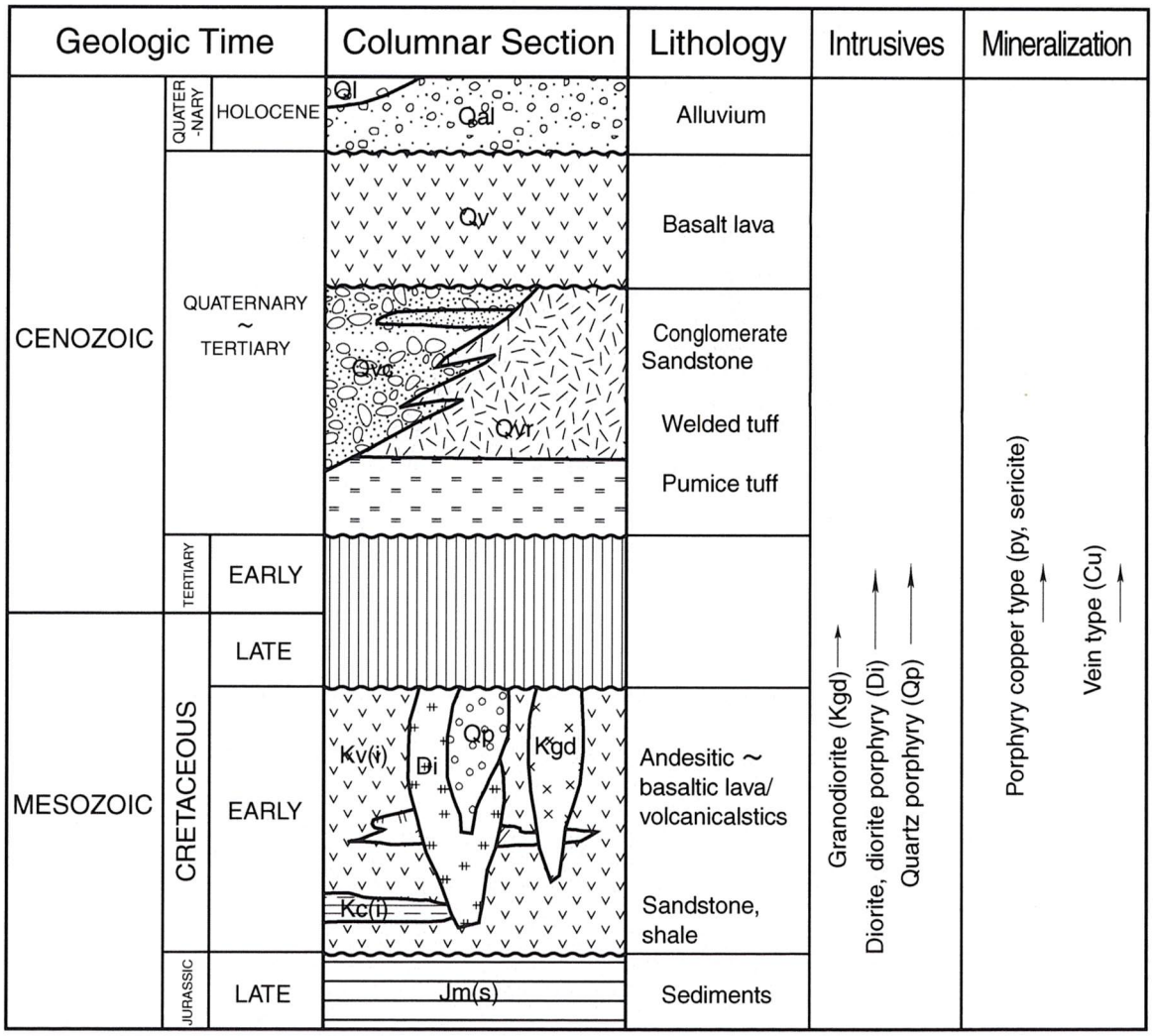


Fig. 2-1-23 Schematic Stratigraphic Columns and Profiles of the Camiña Area

Mineralization
- Pyritization
- Cu-oxide
- Cu-sulfide
- Molybdenite
- Oxidation
- Native sulfur
- Barite-limonite vein
- none
- Semi_detailed_survey_area
- Geological Section Lines

Ore deposits and Prospects
- Porphyry-Cu
- Porphyry-Cu, Mo
- Porphyry-Cu, Au
- Vein and Irregular-Cu
- Vein-Mo
- Vein-Au
- Vein-Ag, Pb, Zn
- Vein-Sb
- Vein and Irregular-Fe
- Vein and Irregular-Mn
- Unknown-Cu
- Unknown-Au
- Unknown-Ag, Pb, Zn

Geomap_Camina
- Ql (Recent landslide deposit)
- Qal (Recent sediments)
- Qv (Quaternary-Tertiary volcanics)
- Qvc (Quaternary-Tertiary sediments)
- Qvr (Quaternary-Tertiary ignimbrite)
- Kc(i) (Cretaceous sediments)
- Kv(i) (Cretaceous volcanics)
- Jm(s) (Jurassic Malm sediments)

Intrusive rocks
- Qp (Quartz porphyry)
- Di (Diorite)
- Kgd (Cretaceous granodiorite)

440,000 450,000 460,000

7,870,000

7,860,000

N W E S

Camina

Nama

Quistagama

0 2 4 6 km

Fig. 2-1-24 Mineralization Map of the Camina Area

Alteration
- Silicification
- Acid alteration
- Sericitization
- Propylitization
- Potassic alteration
- Tourmalinization
- none
- Semi_detailed_survey_area

Geomap_Camina
- Ql (Recent landslide deposit)
- Qal (Recent sediments)
- Qv (Quaternary-Tertiary volcanics)
- Qvc (Quaternary-Tertiary sediments)
- Qvr (Quaternary-Tertiary ignimbrite)
- Kc(i) (Cretaceous sediments)
- Kv(i) (Cretaceous volcanics)
- Jm(s) (Jurassic Malm sediments)

Intrusive rocks
- Qp (Quartz porphyry)
- Di (Diorite)
- Kgd (Cretaceous granodiorite)

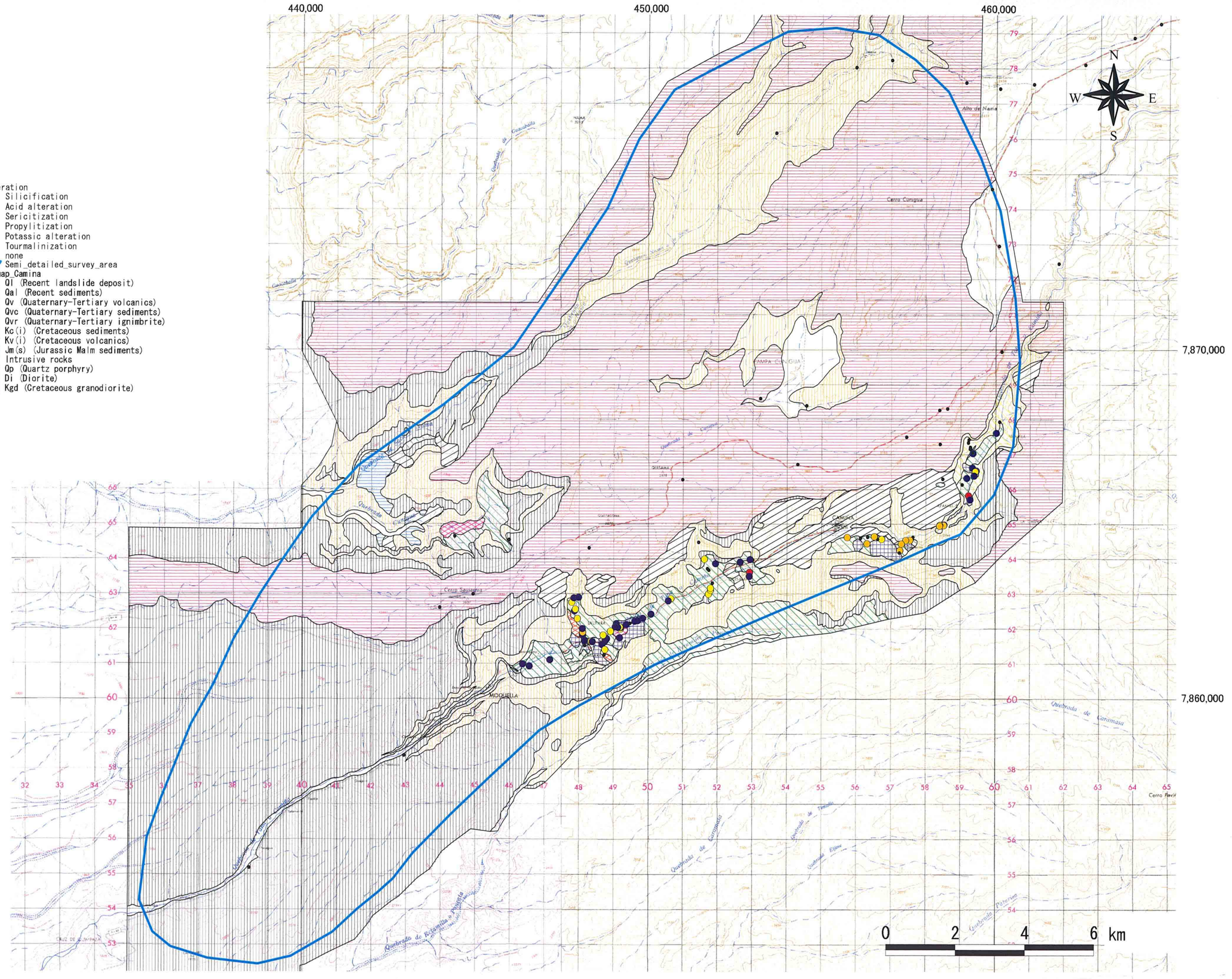


Fig. 2-1-25 Distribution Map of Alteration Minerals at the Camina Area

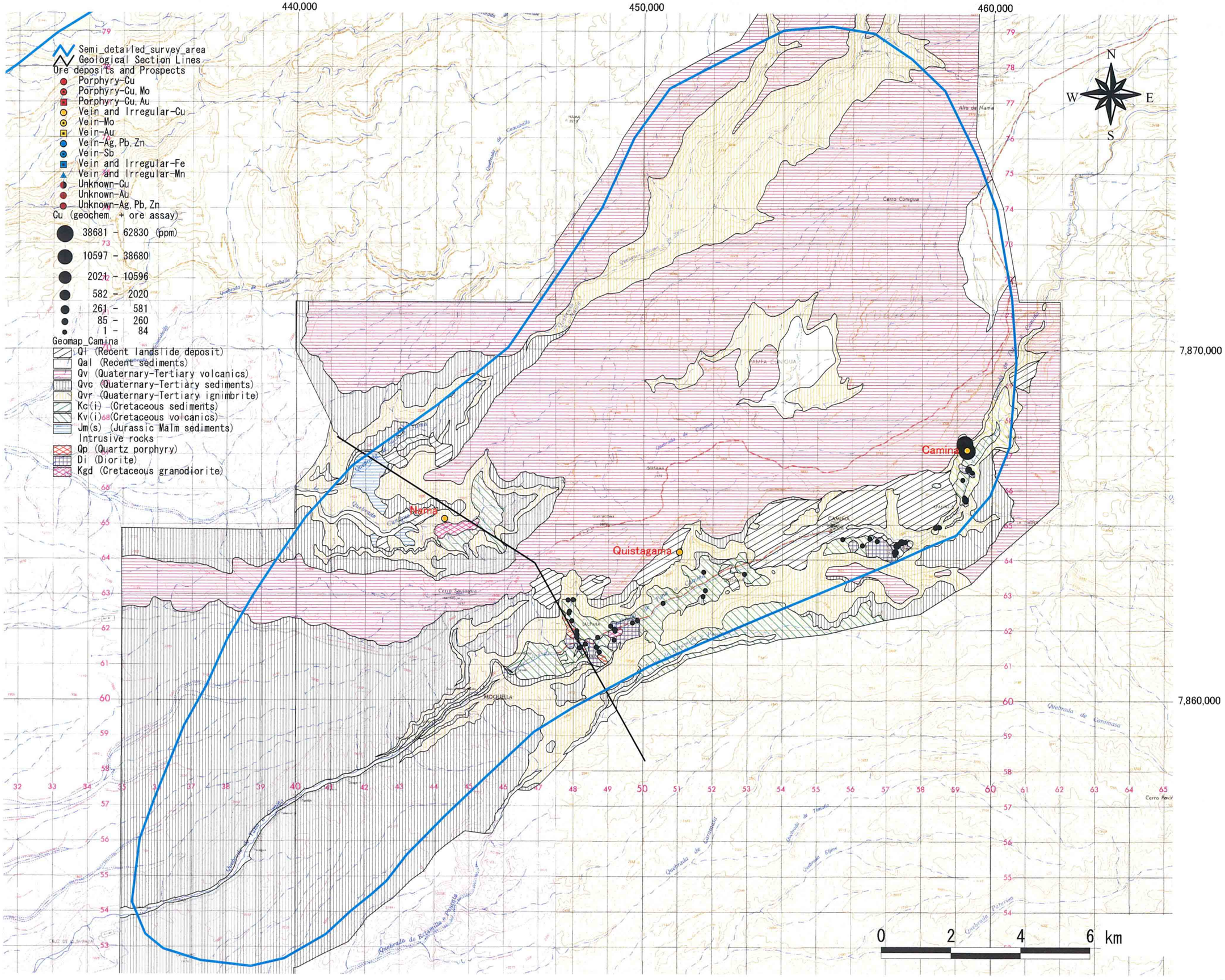


Fig. 2-1-26 (1) Geochemical Anomaly Map in the Camina Area (Cu)

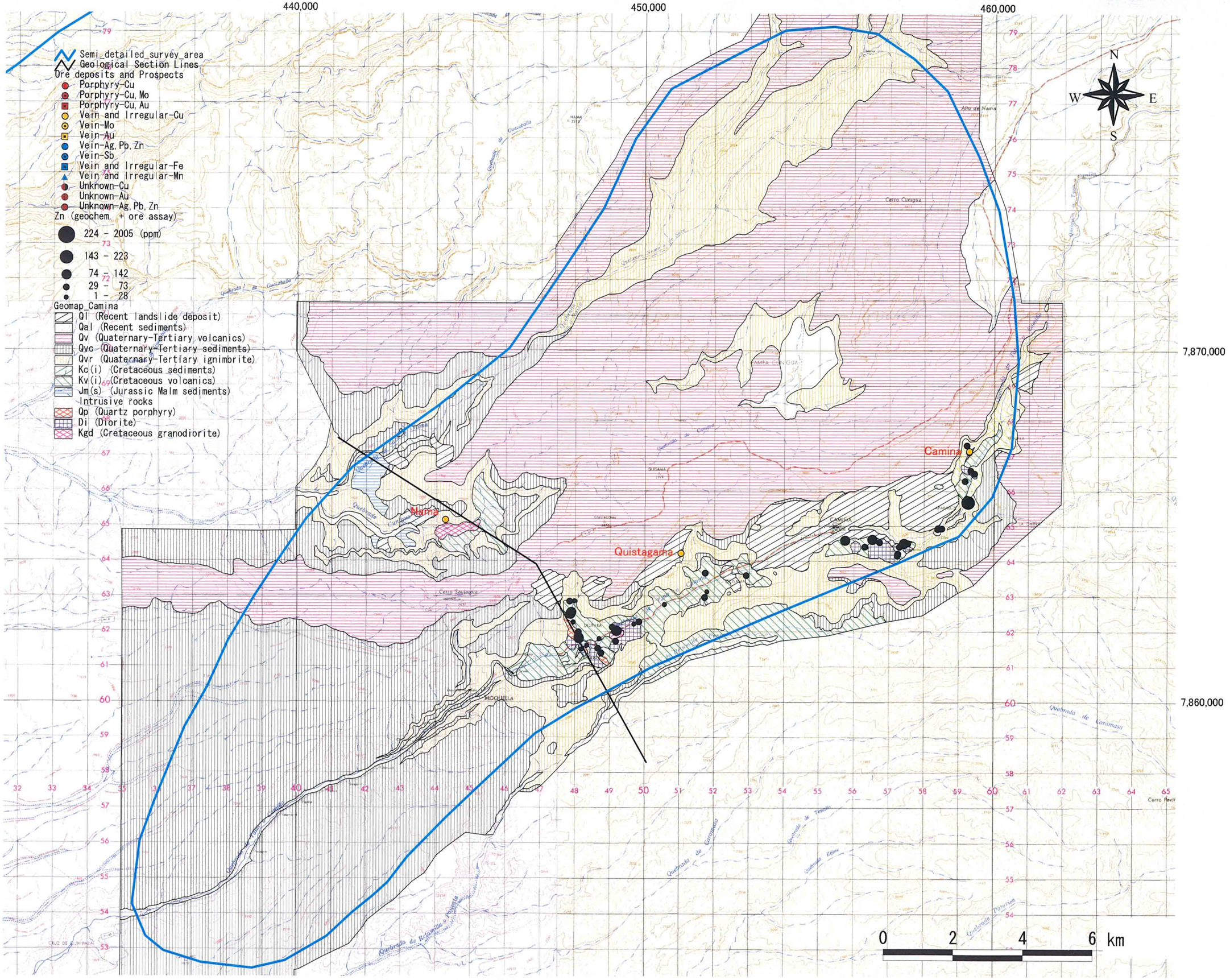


Fig. 2-1-26 (2) Geochemical Anomaly Map in the Camina Area (Zn)

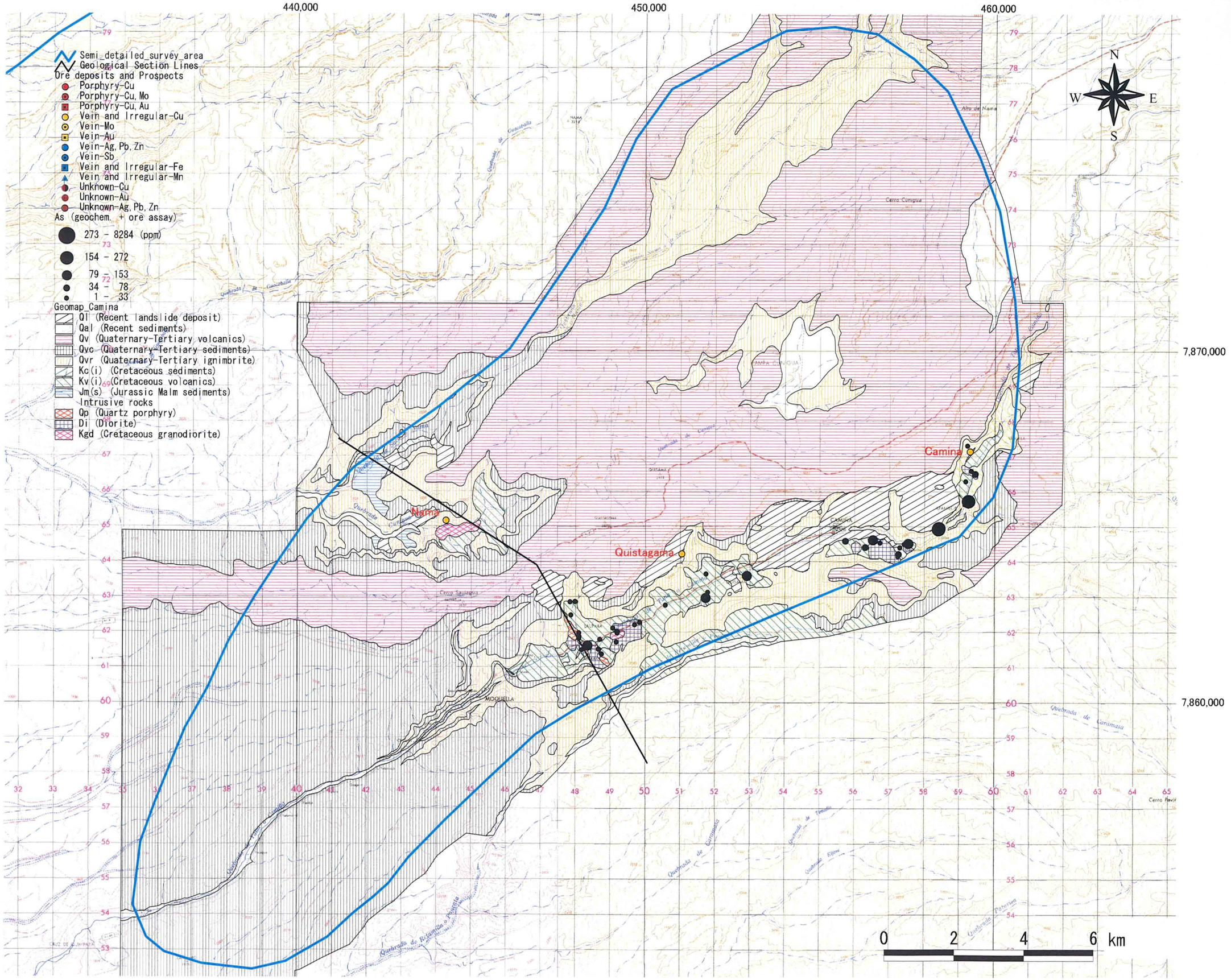


Fig. 2-1-26 (3) Geochemical Anomaly Map in the Camina Area (As)