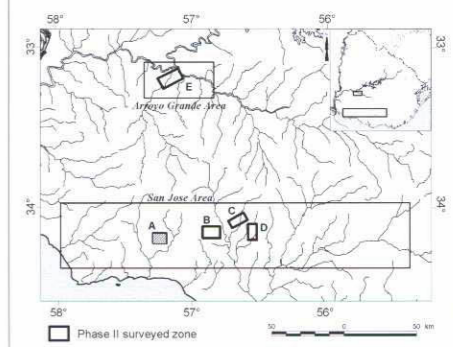
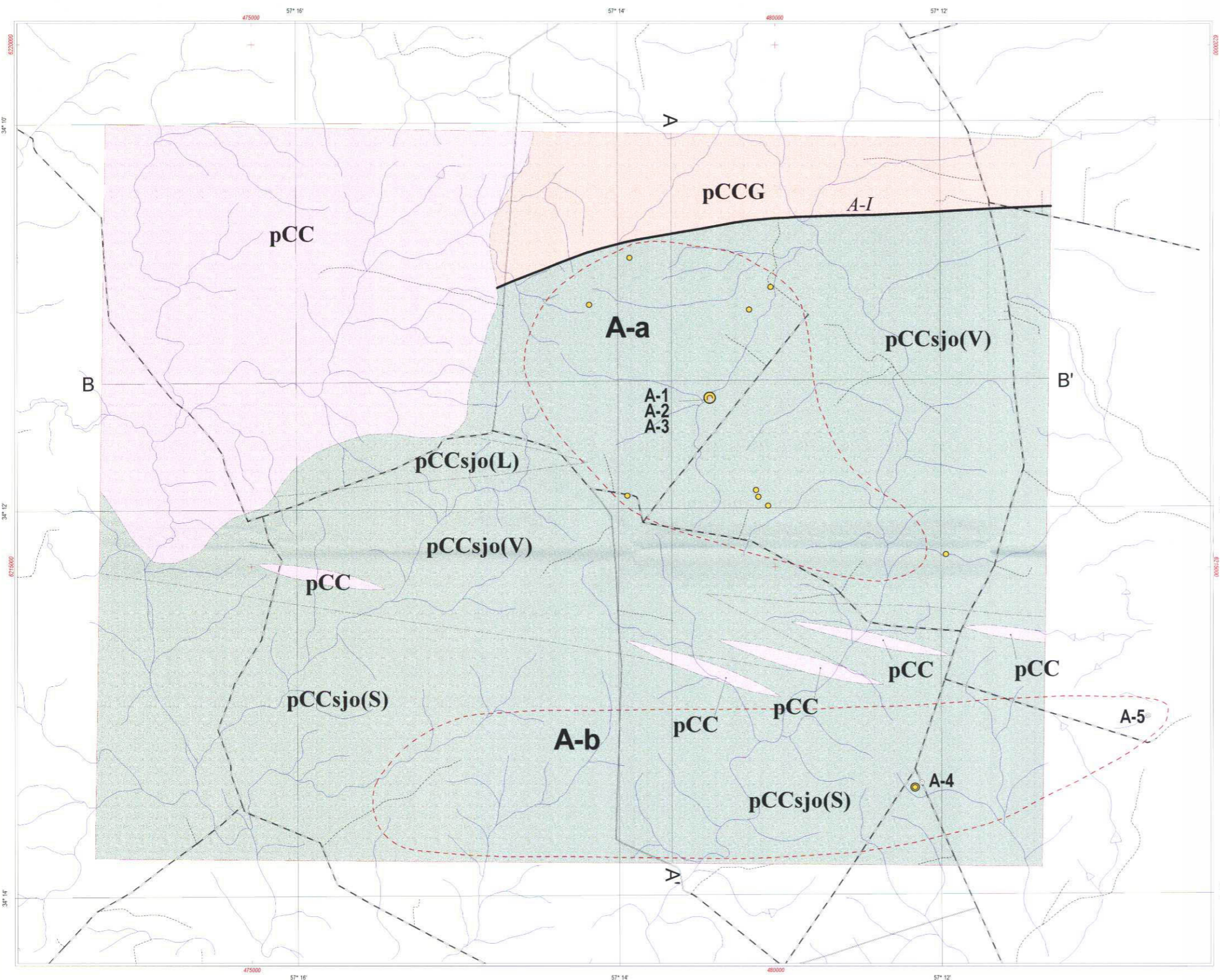


REPORT ON THE MINERAL EXPLORATION  
IN  
THE SAN JOSE AND ARROYO GRANDE AREA  
THE ORIENTAL REPUBLIC OF URUGUAY  
PHASE II

Geological Map of the Zone A of the San Jose Area



JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
MARCH, 2002



LEGEND

Geology

- Quaternary: Q (Gravel, sand, clay)
- Tertiary: Tr (Sandstone, conglomerate, mudstone, breccia)
- Cretaceous: KSa (Silicified rock, fine sandstone)
- Greenstone:
  - Arroyo Grande Formation: pCCag (Mica schist, quartz schist, gneiss, slate, phyllite, green schist, metabasalt, metarhyolite, amphibolite)
  - Paso Severino Formation: pCCps (Mica schist, quartz schist, slate, phyllite, green schist, metabasalt, metarhyolite, metagabbro, amphibolite)
  - San Jose Formation: pCCsjo (Mica schist, quartz schist, gneiss, quartzite, slate, phyllite, green schist, metabasalt, metarhyolite, metagabbro, amphibolite)
- Basement complex: pCCcb (Schist, gneiss, hornfels, quartzite, granitic rock, migmatite)

Granite intrusive rock (Transamazonian and Pre-Transamazonian)

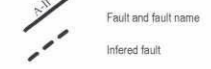
- pCC (Granite, granodiorite, diorite, tonalite, aplite)

Granite intrusive rock (Pre-Transamazonian)

- pCCG (Granite, granodiorite, diorite, quartz diorite)

Dyke

- dl (Dolerite)
- gb (Gabbro)



Quartz Au(ppm)

- Yellow circle: 5.0 ≤
- Orange circle: 0.5 - 5.0
- Red circle: 0.05 - 0.5

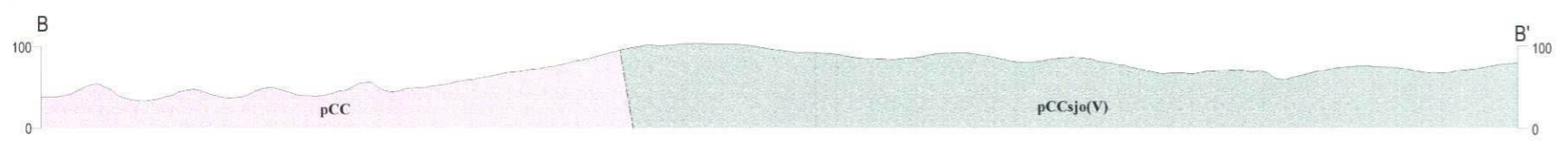
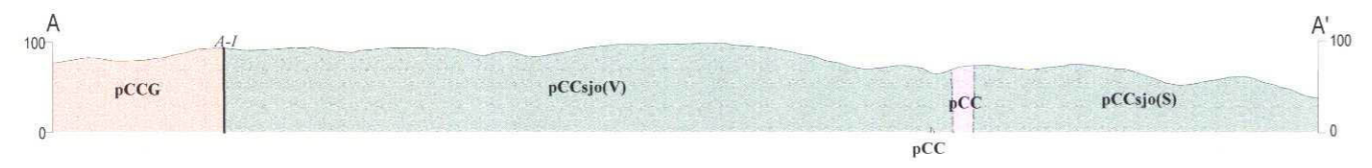
A-a Mineral showing zone

A-1 Sketch location

Survey zone

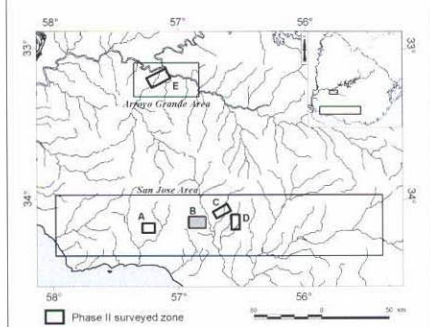
Stream

Road

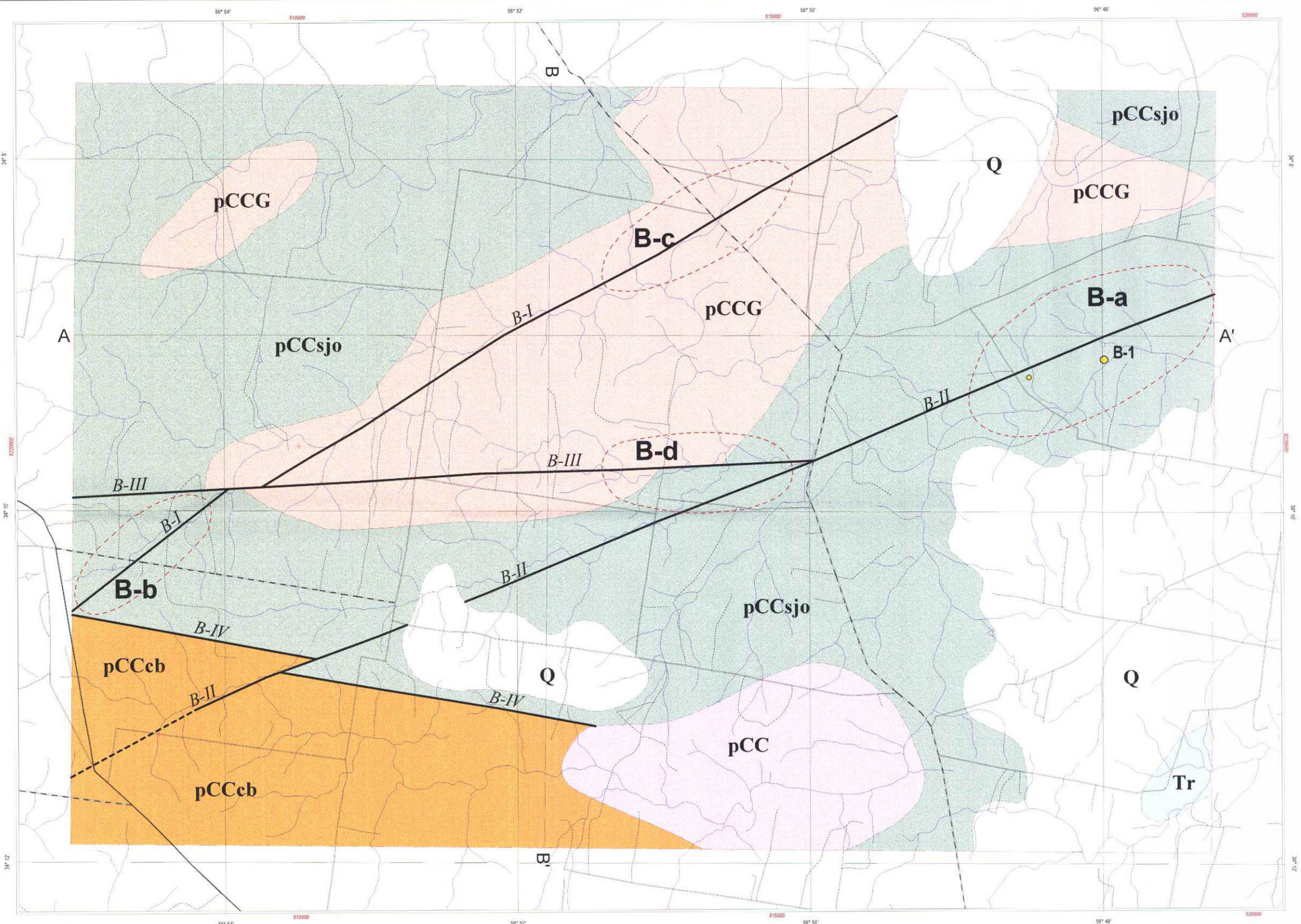


REPORT ON THE MINERAL EXPLORATION  
IN  
THE SAN JOSE AND ARROYO GRANDE AREA  
THE ORIENTAL REPUBLIC OF URUGUAY  
PHASE II

Geological Map of the Zone B of the San Jose Area



JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
MARCH, 2002



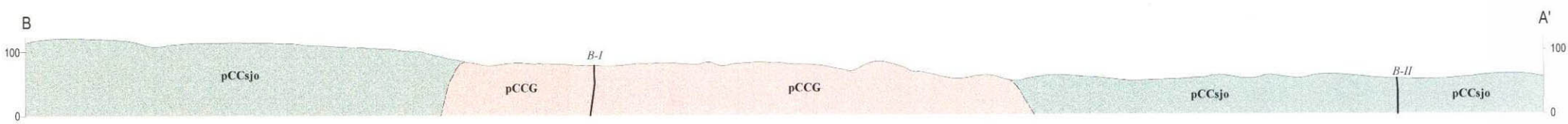
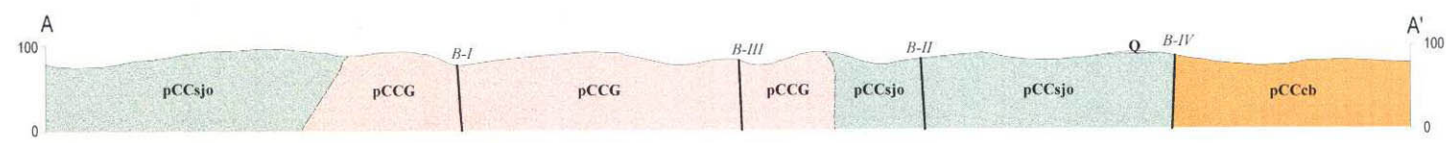
LEGEND

Geology

- Quaternary**
  - Q: Gravel, sand, clay
- Tertiary**
  - Tr: Sandstone, conglomerate, mudstone, breccia
- Cretaceous**
  - KSa: Silicified rock, fine sandstone
- Greenstone**
  - Arroyo Grande Formation: pCCag: Mica schist, quartz schist, gneiss, slate, phyllite, green schist, metabasalt, metarhyolite, amphibolite
  - Paso Severino Formation: pCCps: Mica schist, quartz schist, slate, phyllite, green schist, metabasalt, metarhyolite, metagabbro, amphibolite
  - San Jose Formation: pCCsjo: Mica schist, quartz schist, gneiss, quartzite, slate, phyllite, green schist, metabasalt, metarhyolite, metagabbro, amphibolite
- Basement complex**
  - pCCcb: Schist, gneiss, hornfels, quartzite, granitic rock, ignimbrite
  - pCC: Granite, granodiorite, diorite, tonalite, apatite
  - pCCG: Granite, granodiorite, diorite, quartz diorite
- Dyke**
  - dd: Dolerite
  - gb: Gabbro

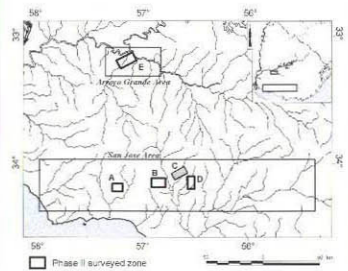
Limited to Zone A  
pCCsjo(V): metavolcanic rock (basalt)  
pCCsjo(S): metasedimentary rock  
pCCsjo(L): limestone

- Quartz Au(ppm)**
  - 5.0 ≤
  - 0.5 - 5.0
  - 0.05 - 0.5
- Mineral showing zone (dashed red line)
- Sketch location (A-1)
- Survey zone (dashed line)
- Stream (wavy line)
- Road (double line)

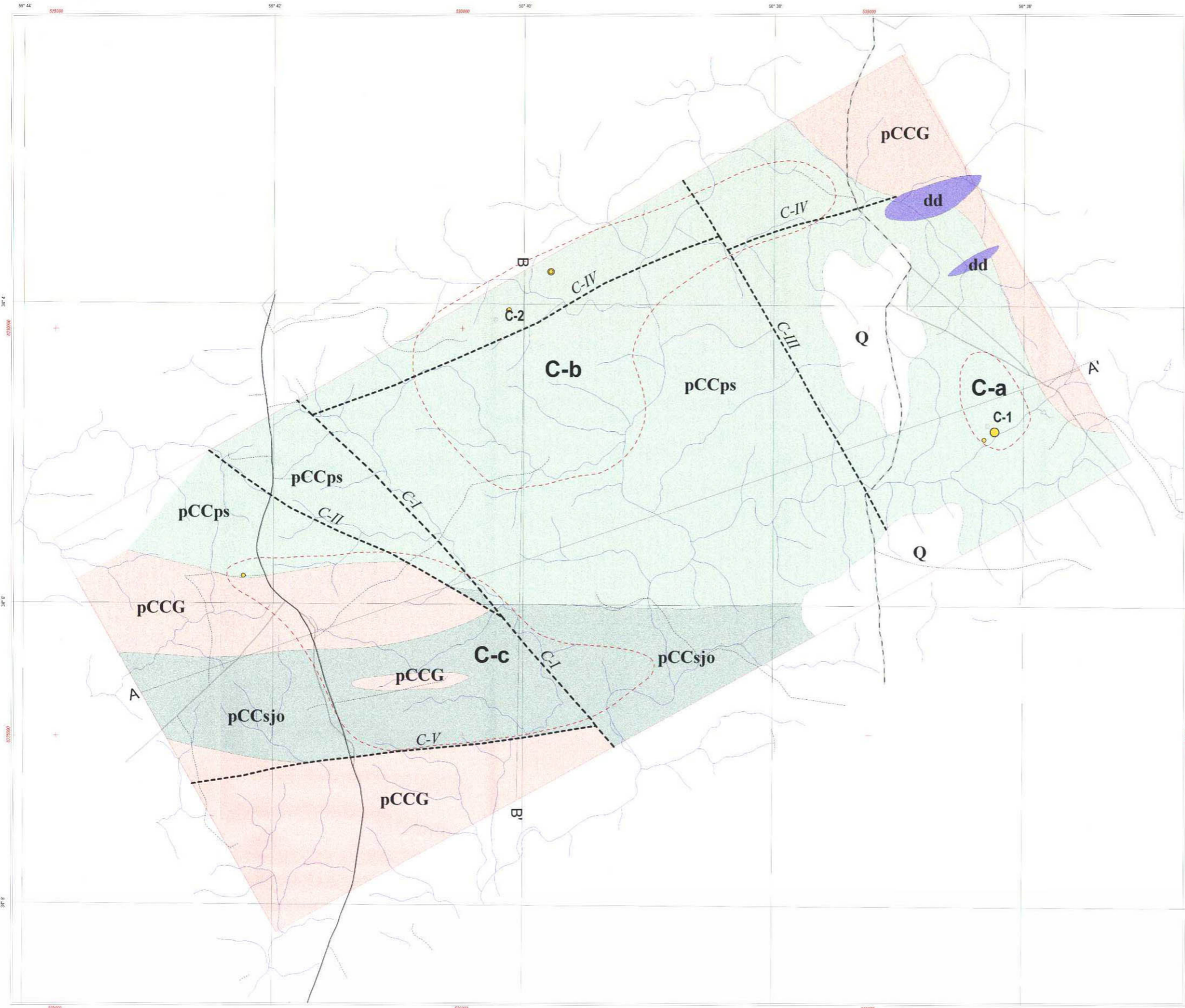


REPORT ON THE MINERAL EXPLORATION  
IN  
THE SAN JOSE AND ARROYO GRANDE AREA  
THE ORIENTAL REPUBLIC OF URUGUAY  
PHASE II

Geological Map of the Zone C of the San Jose Area

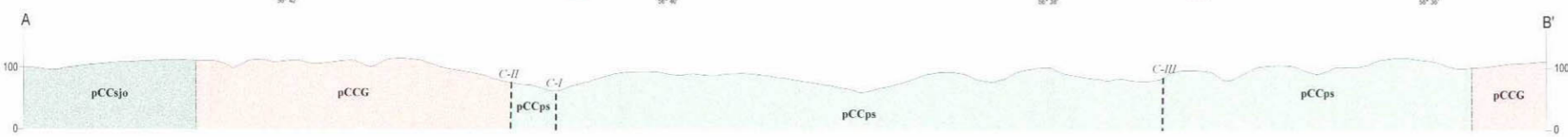


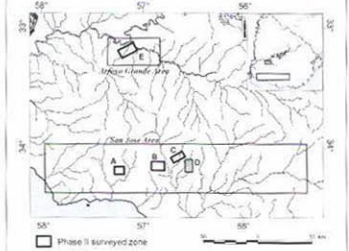
JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
MARCH, 2002



LEGEND

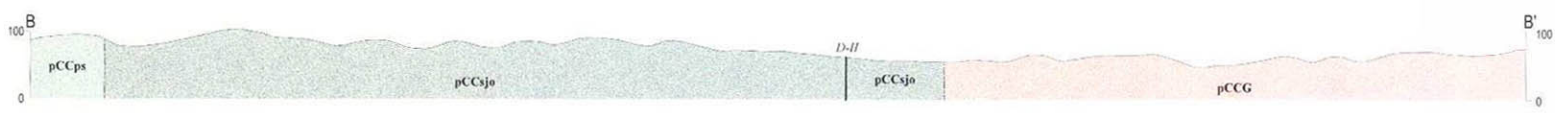
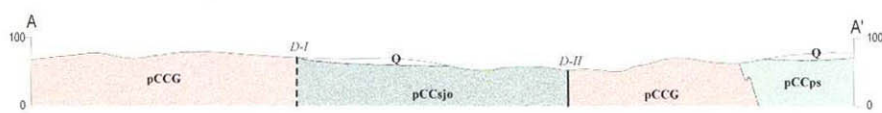
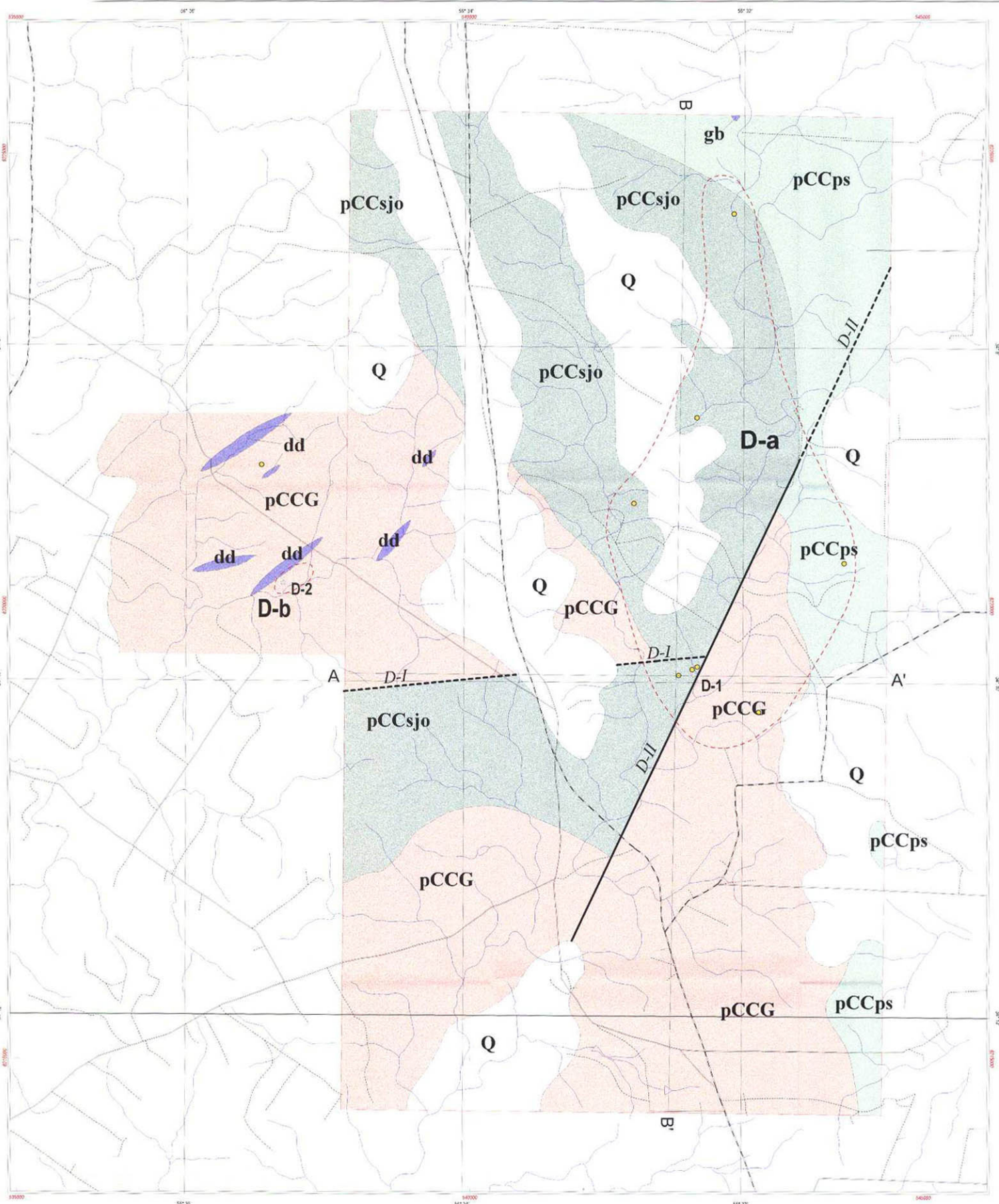
- Geology**
- Quaternary
    - Q Gravel, sand, clay
  - Tertiary
    - Tr Sandstone, conglomerate, mudstone, breccia
  - Cretaceous
    - KSa Silicified rock, fine sandstone
  - Greenstone
    - Arroyo Grande Formation
      - pCCag Meta schist, quartz schist, gneiss, slate, phyllite, green schist, metabasalt, metabasite, metagabbro, amphibolite
    - Pizzo Severino Formation
      - pCCps Meta schist, quartz schist, slate, phyllite, green schist, metabasalt, metabasite, metagabbro, amphibolite
    - San Jose Formation
      - pCCsjo Meta schist, quartz schist, gneiss, quartzite, slate, phyllite, green schist, metabasalt, metabasite, metagabbro, amphibolite
  - Basement complex
    - pCCcb Schist, gneiss, hornfels, quartzite, granitic rock, migmatite
  - Granite intrusive rock (Transamazonian and Pre-Transamazonian)
    - pCC Granite, granodiorite, diorite, tonalite, gabbro
  - Granite intrusive rock (Pre-Transamazonian)
    - pCCG Granite, granodiorite, diorite, quartz diorite
  - Dyke
    - dd Diorite
    - gb Gabbro
- Other symbols:**
- Mineral showing zone (A-a)
  - Sketch location (A')
  - Survey zone (black outline)
  - Stream (blue line)
  - Road (black line with hachures)
  - Fault and fault name (solid line with hachures)
  - Inferred fault (dashed line)
- Quartz Au(ppm)**
- 5.0 >= (yellow circle)
  - 0.5 - 5.0 (orange circle)
  - 0.05 - 0.5 (red circle)

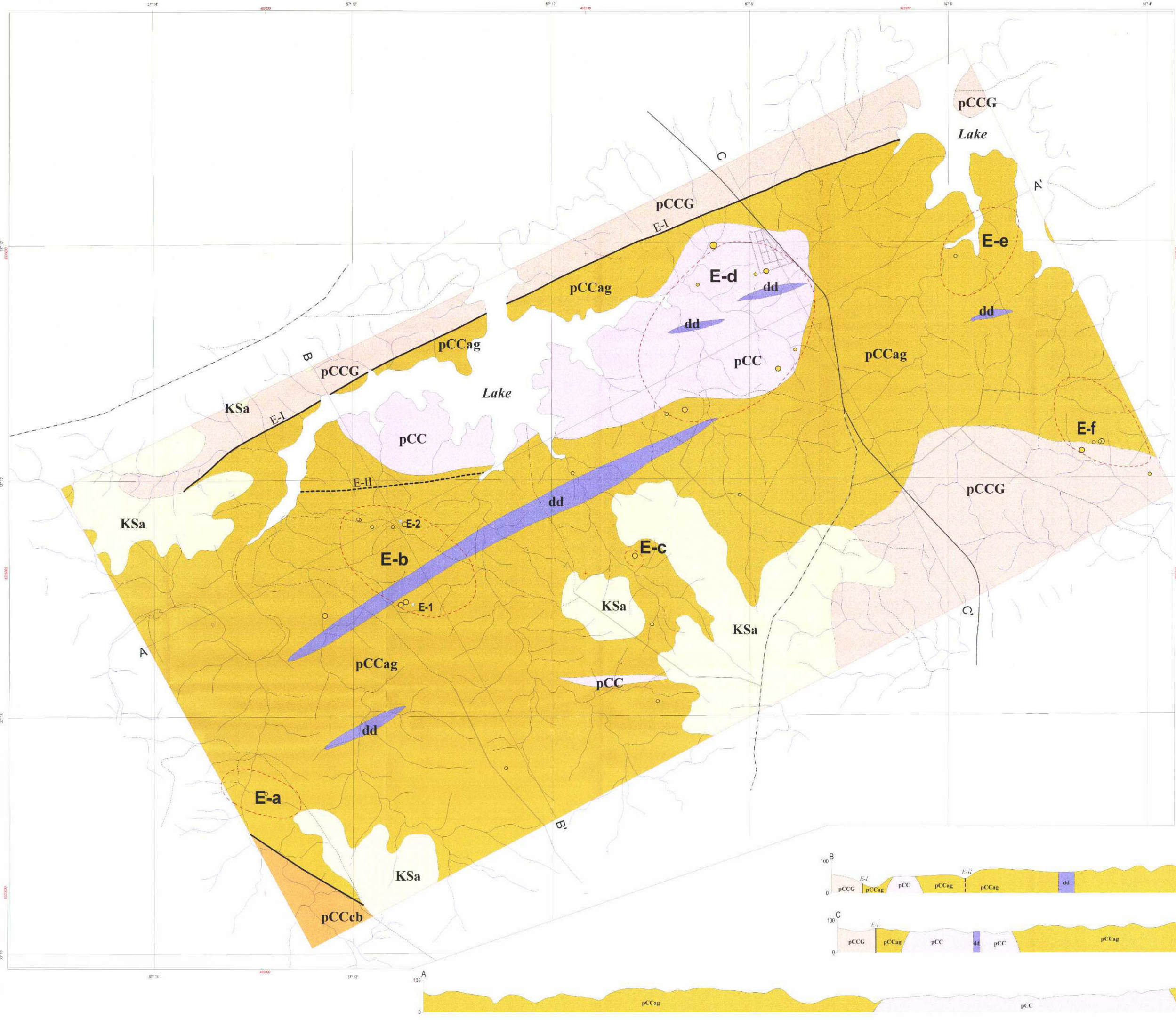




LEGEND

|  |  |
|--|--|
| <b>Geology</b>   |  |
| Quaternary   | Q Gravel, sand, clay   |
| Tertiary   | Tr Sandstone, conglomerate, mudstone, breccia  |
| Cretaceous   | KSa Siltified rock, fine sandstone   |
| Greenstone   |  |
| Arroyo Grande Formation  | pCCag Mica schist, quartz schist, gneiss, slate, phyllite, green schist, metabasalt, metabasite, amphibolite                         |
| Pago Severino Formation  | pCCps Mica schist, quartz schist, slate, phyllite, green schist, metabasalt, metabasite, amphibolite, metabasite, amphibolite        |
| San Jose Formation   | pCCsjo Mica schist, quartz schist, gneiss, quartzite, slate, phyllite, green schist, metabasalt, metabasite, metabasite, amphibolite |
| Basement complex   | pCCcb Gneiss, quartzite, granite, migmatite  |
| Granite intrusive rock (Transamazonian and Pre-Transamazonian) | pCC Granite, granodiorite, diorite, tonalite, gabbro   |
| Granite intrusive rock (Pre-Transamazonian)                    | pCCG Granite, granodiorite, diorite, quartz diorite  |
| Dyke   | dd Diorite, gabbro   |
|  | gb Gabbro  |
|  | --- Fault and fault name   |
|  | - - - Inferred fault   |
| <b>Quartz Au (ppm)</b>   |  |
| ●  | 5.0 ≤  |
| ○  | 0.5 - 5.0  |
| ○  | 0.05 - 0.5   |
| ⊙  | Mineral showing zone   |
| A'   | Sketch location  |
| □  | Survey zone  |
| ~  | Stream   |
| ≡  | Road   |





**LEGEND**

**Geology**

- Quaternary (Q): Gravel, sand, clay
- Tertiary (Tt): Sandstone, conglomerate, tuffaceous, breccia
- Cretaceous (KSa): Silted rock, fine sandstone
- Greenstone:
  - pCCag: Microschist, quartz, schist, gneiss, siltstone, phyllite, green siltstone, metabasite, metapsyllite, amphibolite
  - pCC: Microschist, quartz, schist, siltstone, phyllite, green siltstone, metabasite, metapsyllite, amphibolite
  - pCCcb: Microschist, quartz, schist, gneiss, quartzite, siltstone, phyllite, green siltstone, metabasite, metapsyllite, amphibolite
- Basement complex:
  - pCCcb: Schist, gneiss, hornfels, quartzite, gneissic rock, migmatite
- Granite intrusive rock (Transamazonian and Pre-Transamazonian):
  - pCC: Granite, granodiorite, diorite, tonalite, gabbro
  - pCCG: Granite, granodiorite, diorite, quartz diorite
- Dyke:
  - dd: Diorite
  - gb: Gabbro

**Quartz Au (ppm)**

- Yellow circle: 5.0 ≤
- Orange circle: 0.5 - 5.0
- Red circle: 0.05 - 0.5

**Other symbols:**

- A-a: Mineral showing zone
- A-1: Sketch location
- : Survey zone
- ~: Stream
- ==: Road
- : Fault and fault name
- - - -: Inferred fault

