

BALUCHISTAN
MINERAL RESOURCES

&

INVESTMENT
OPPORTUNITIES

BY








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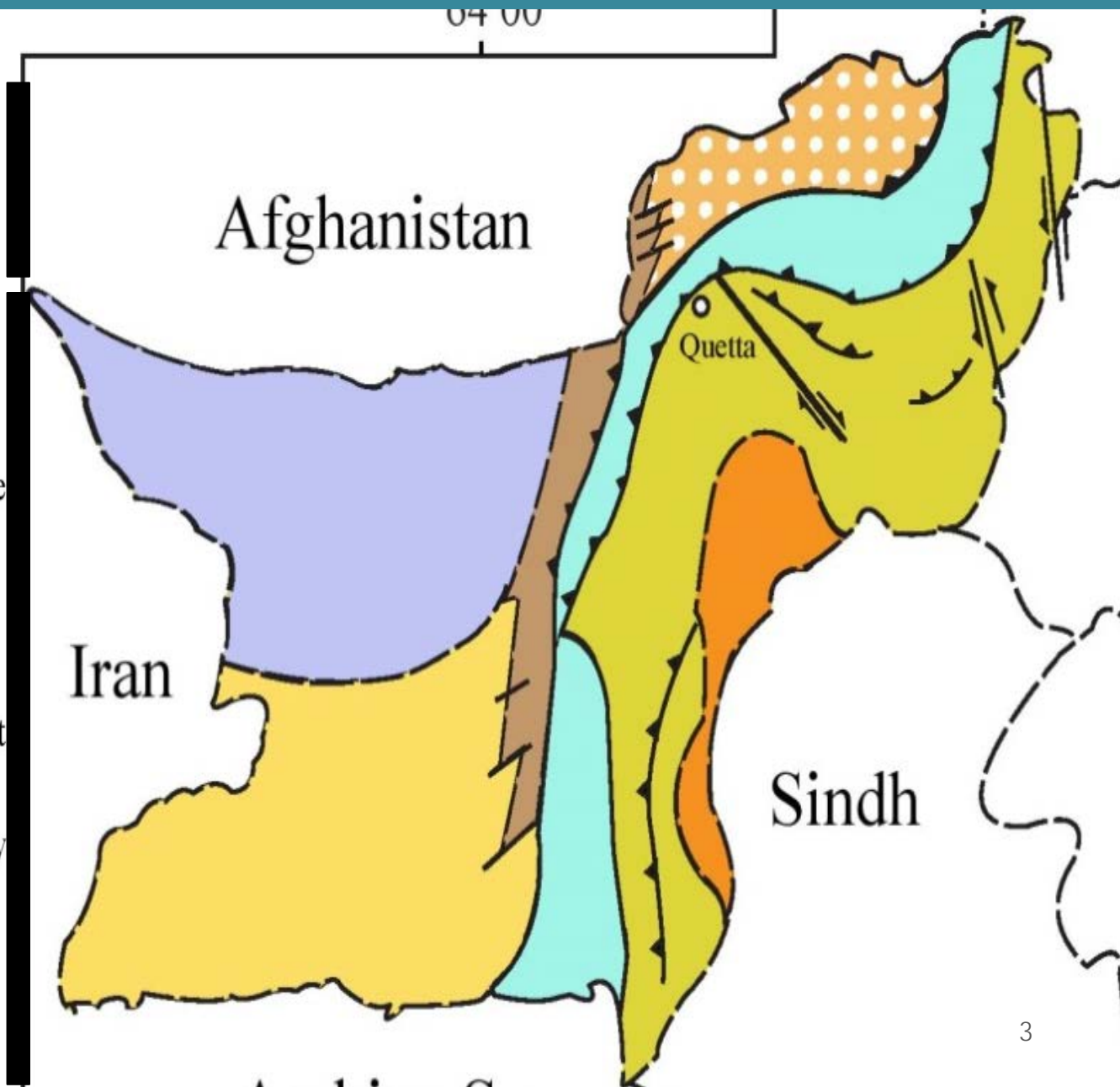
BALUCHISTAN PROVINCE & INVESTMENT ATTRACTIONS

- ❑ Balochistan makes 43% of land mass of Pakistan
- ❑ Its geological belt has known world-class mineral deposits
- ❑ More than half of Pakistan's important metallogenic zones are located in Balochistan
- ❑ No provincial tax except **rent and royalty**
- ❑ No sale tax will be levied on the export of minerals
- ❑ Only 5% custom duty on import of plant, machinery and equipment
- ❑ Export Processing Zone for foreign investments.

Metallogenic zones of Balochistan

LEGEND

-  Chagai-Raskoh
Magmatic Arc
-  Makran Trench
and flysch zone
-  Chaman/Nal-Ornach
Transform Fault Zone
-  Kakar Khorasan
flysch/molasse basin
-  Ophiolitic Thrust Belt
-  Foreland Sedimentary
Fold Belt
-  Foredeep



Metallic mineral deposits in Balochistan

Antimony

Chromite

Copper

Gold/Silver

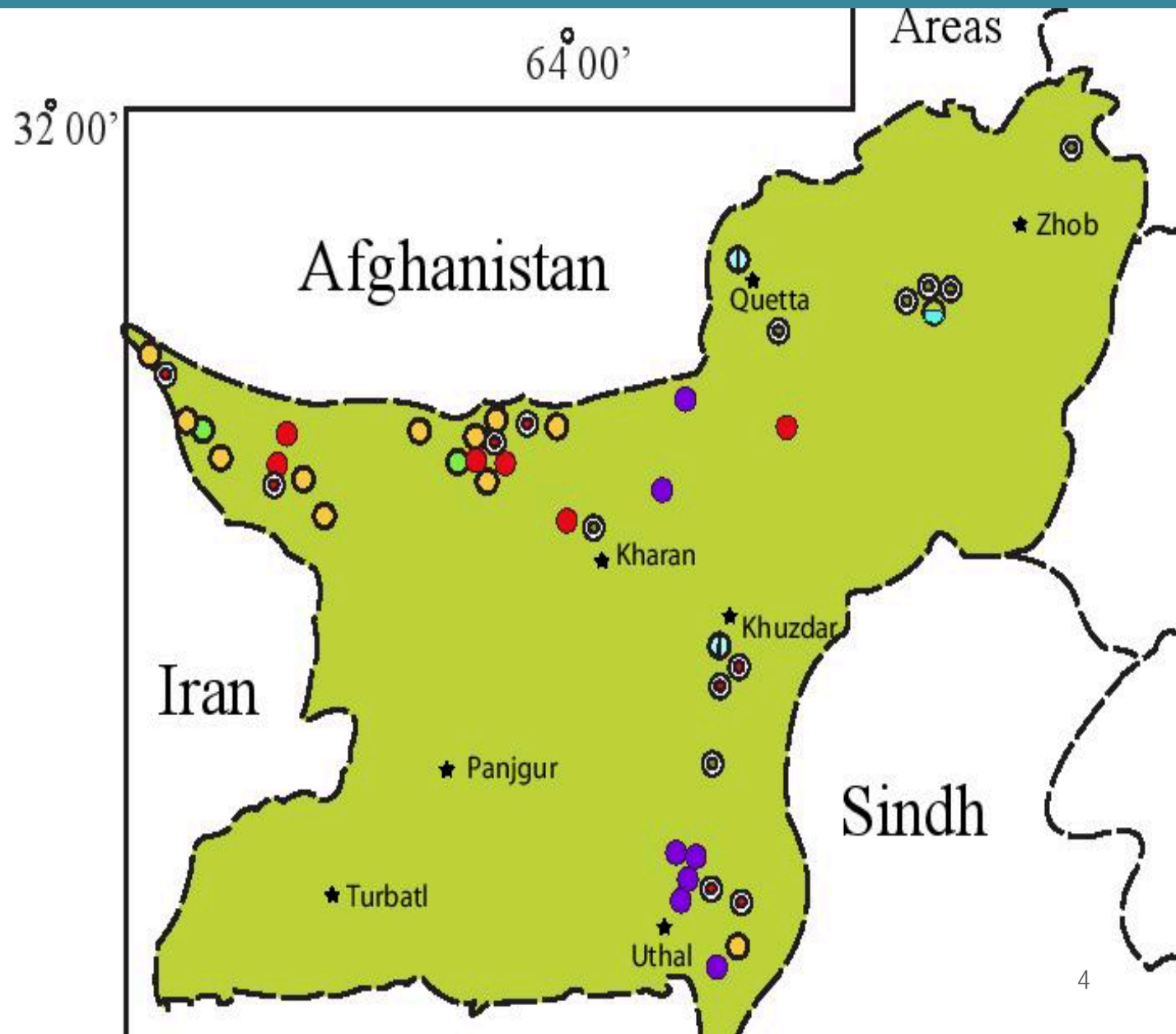
Iron

Lead-Zinc

Magnetite

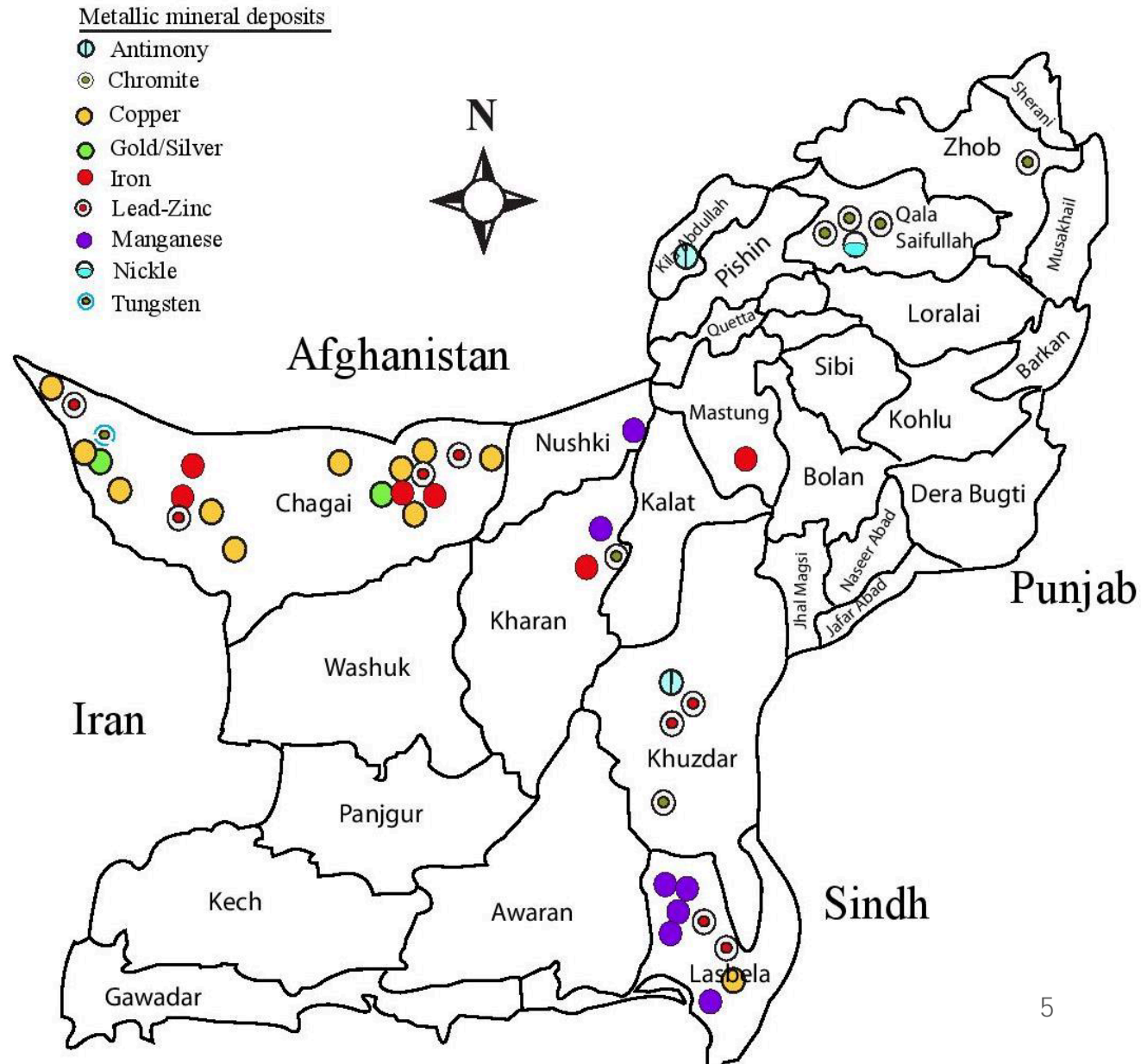
Nickle

Tungsten

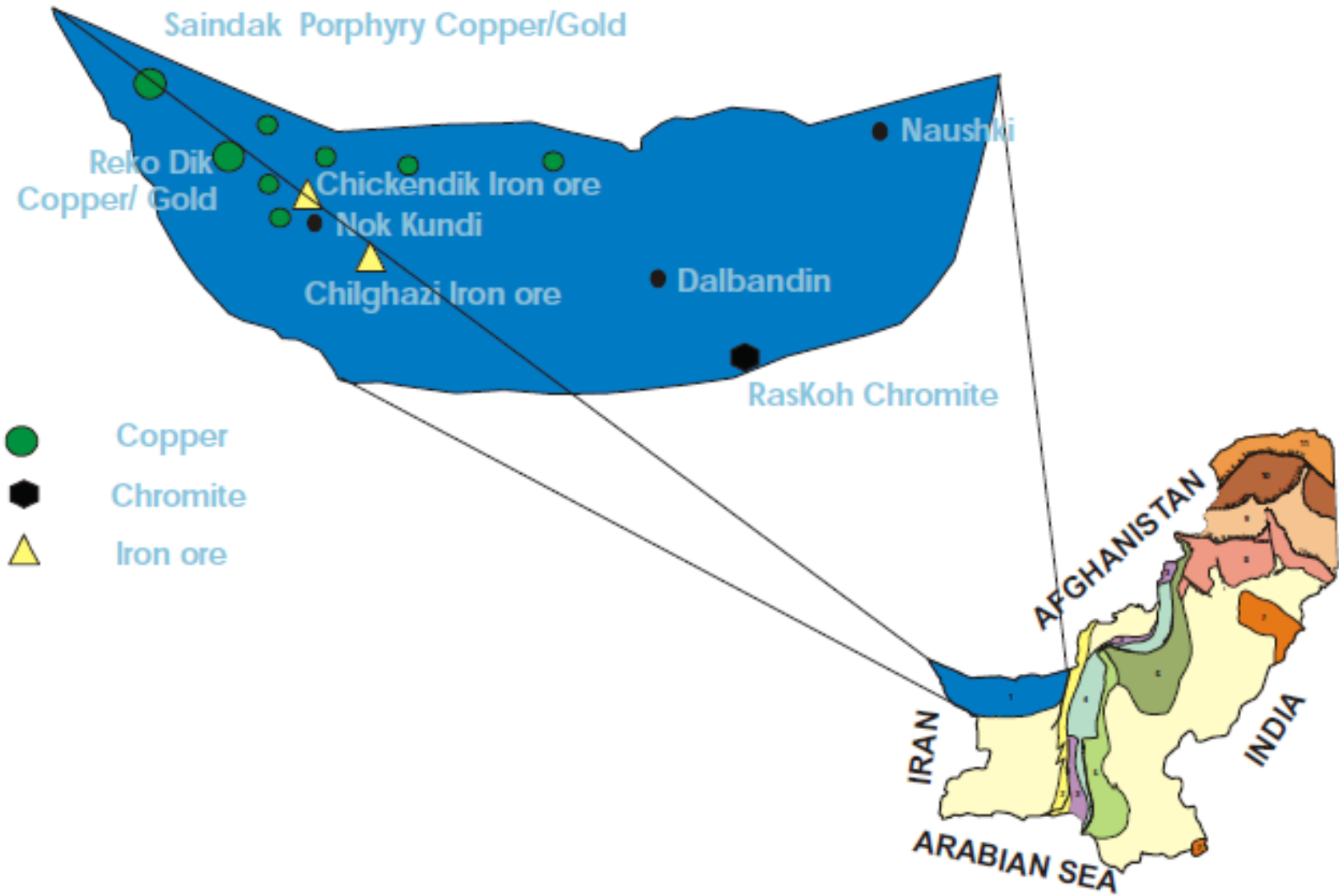


District-wise distribution of metallic minerals

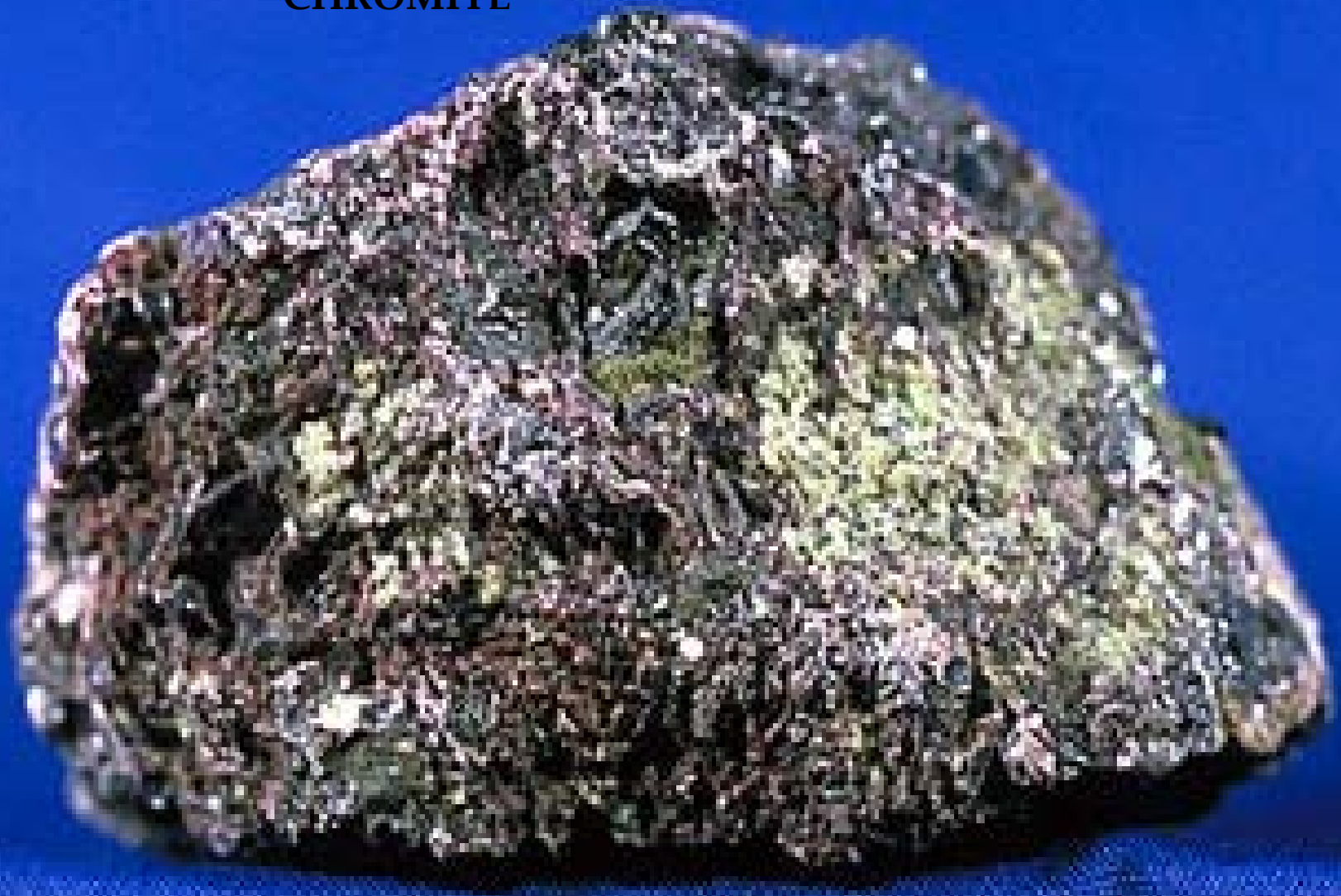
-  Antimony
-  Chromite
-  Copper
-  Gold/Silver
-  Iron
-  Lead-Zinc
-  Manganese
-  Nickle
-  Tungsten



CHAGAI- RASKOH MAGMATIC ARC



CHROMITE



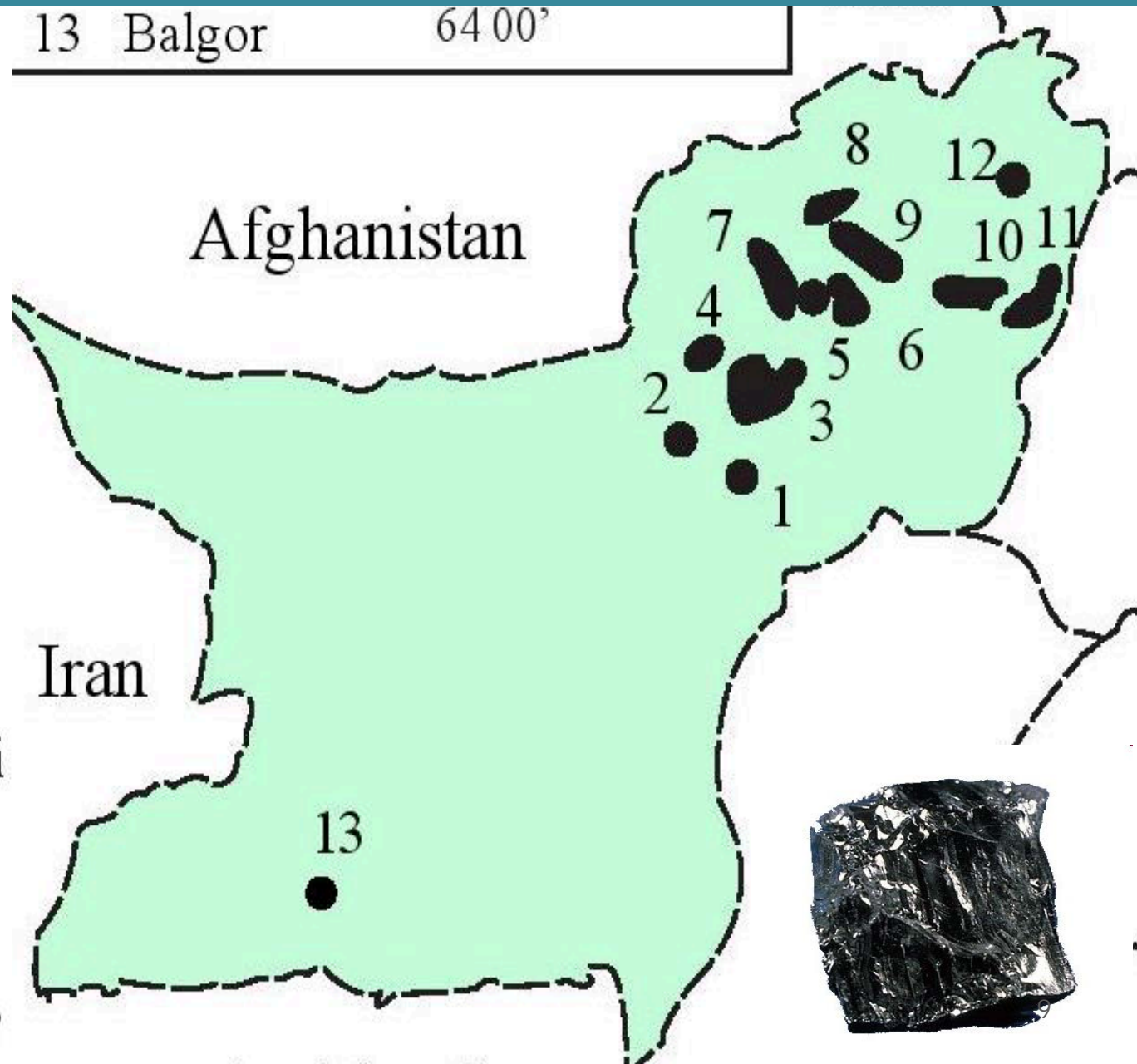
Lead - zink



Coal fields

COAL FIELDS

- 1 Sanni
- 2 Johan
- 3 Mach-Abegum
- 4 Abi Gul
- 5 Margat
- 6 Pir Ismail Ziarat
- 7 Sor Range-Degari
- 8 Kach
- 9 Khost-Sharig-Harnai
- 10 Duki
- 11 Chamalang
- 12 Badinzai
- 13 Balgor



**POTENTIAL
&
INVESTMENT
OPPORTUNITIES**

DISTRICT

ESTIMATED RESERVES

INVESTMENT OPPORTUNITIES/PROJECTS

CHROMITE

- Killa Saifullah
- Pihsin
- Kharan
- Khuzdar
- Chagai

Huge deposits , yet to be quantified.

- i. Beneficiation Plant (Value Addition)
- i. Ferro Chrome Plant

IRON ORE

- District Chagai (Pachinkoh, Chigen Dik and Chilgazi)
- Mastung (Dilaband)

300 Million Tons

- i. Beneficiation Plant (Value Addition)
- ii. Establishment of Mini Steel Mills in Mastung , Chagai District

BARIUM

- Khuzdar
- Lasbela

30 million tones

- i. Barium Chemical Plants at Khuzdar & Lasbella
- ii. Huge deposits available for mining of Barium .

DISTRICT**ESTIMATED
RESERVES****INVESTMENT
OPPORTUNITIES/PROJEC
TS****COPPER/GOLD** Chagai District

i. 450 (Saindak) Million
Tons
ii. 5.87 Billion tons in
(Reko-Diq)

i. Metal Refinery
ii. Joint venture in exploration /
exploitation
iii. Smelters

COAL Quetta (Sorrang and
Degari) Ziarat(Pir Ismail
Shahraq) Hernai Loralai (Duki,
Chamalang)

217 Million Tons

i.Coal Fired Plants
ii. Briquette Plant (Smokeless
Coal),
iii. Coal Washing Plants for Value
Addition)

LEAD - ZINC Lasbela Khuzdar

27 Million Tons

i. Mining projects
ii. Cutting and Polishing Plants

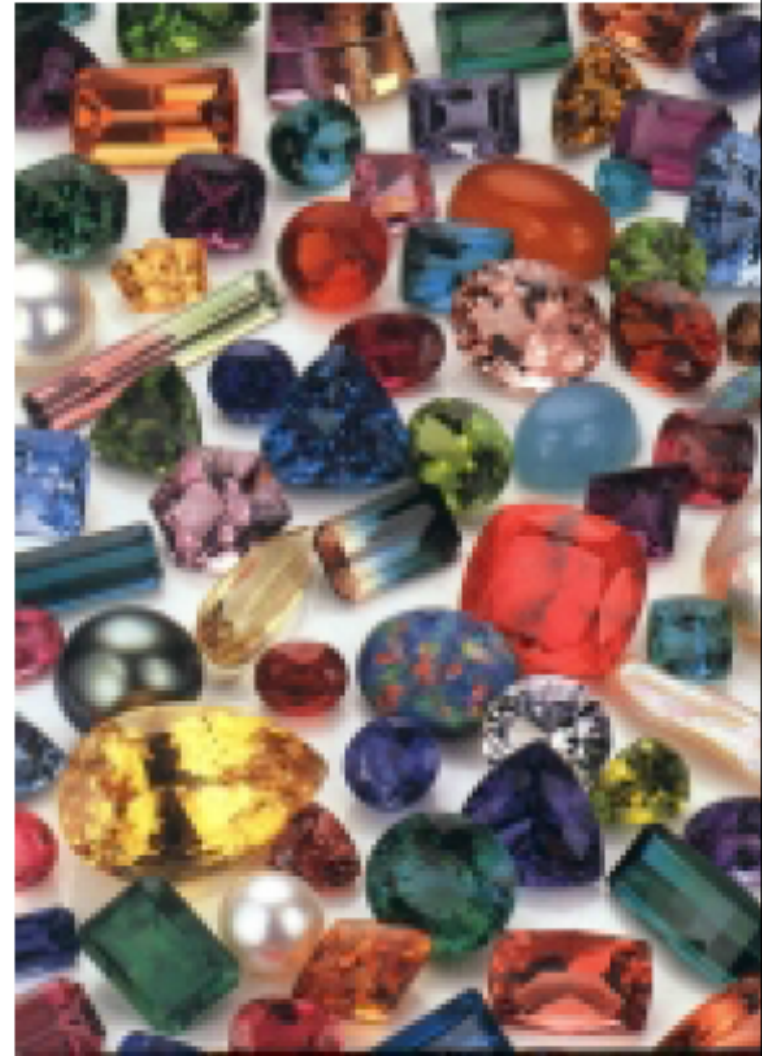
DISTRICT	ESTIMATED RESERVES	INVESTMENT OPPORTUNITIES/PROJECTS
LIME STONE		
<input type="checkbox"/> Khuzdar District <input type="checkbox"/> Lasbela <input type="checkbox"/> Kalat <input type="checkbox"/> Chagai <input type="checkbox"/> Quetta <input type="checkbox"/> Killa Saifullah	Billions of tons	Cement Manufacturing Plants (Loralai, Sibi, Kalat, Khuzdar)
MAGNESITE		
<input type="checkbox"/> Q.Saifullah <input type="checkbox"/> Khuzdar <input type="checkbox"/> Lasbella	30 Million Tons	Mangesite mining
MANGANESE		
<input type="checkbox"/> Khuzdar <input type="checkbox"/> Lasbela <input type="checkbox"/> Washuk <input type="checkbox"/> Chagai <input type="checkbox"/> Kharan <input type="checkbox"/> Killa Saifullah	Not quantified but reportedly in-exhaustable.	Mangnese up-gradation plant

Balochistan Gems

- In **Chagai**: Varicolored Agates, Chrysoprase, Chalcedony, Geodes, Citrine and Smoky Quartz
- In **Zhob**: Pistachio Green Vesuvianite, Serpentine & Idocrase
- In **Wad**: Green Quartz
- In **Lasbela & Kharan**: Citrine, smoky Quartz and Jasper
- In **Panjgur**: Auriferous Quartz

Balochistan Gems

- In **Kharan**: Blackish Green Jaberjet
- In **Kalat**: Brown Garnet, Fluorite
- In **Killa Abdullah**: Aragonite
- In **Khuzdar**: Agates
- In Loralai Amethyst



Balochistan Stone

S.NO.	VARIETIES	AREAS
1	China Verona	Khuzdar, Loralai, Naal
2	Plane Verona	Khuzdar, Loralai, Naal, Wadh
3	Amber/Hamza Green	Khuzdar, Wadh
4	Botesina	Loralai, Khuzdar, Lasbela
5	Burma teak	Lasbela, Wadh, Naal
7	King Gold / Black & Gold	Lasbela, Wadh, Khuzdar
8	Ziarat/Super White	Loralai, Quetta, Ziarat, Khuzdar, Lasbela
9	Badal	Quetta, Loralai, Khuzdar, Lasbela
10	Brown	Naal, Khuzdar, Lasbela
11	Green	Khuzdar, Wadh
12	Pink	Bela, Lasbela, Wadh, Loralai
13	Travera	Lasbela
14	Sphadar White	Loralai
15	Onyx- Green & Banded	Chaghi, Nukundi, Dalbandin, Zeh, Julli, Botik.
16	Granite	Chaghi, Dalbandin

Thank You



謝謝

