

Manganese in Turkey !

INTRODUCTION OF ACH MINE

Tan Wuji
From CLR

OUTLINE

- 1 | WHO IS **CRL**?
- 2 | HOW IS THE **ACH Mine**?
- 3 | WHAT ABOUT **INVEST IN TURKEY**?



PART ONE

WHO IS CLR



CHINALIGHT RESOURCES

WHO WE ARE --- CLR

SOE

Member of Chinalight Group which was founded in 1952

Restructured in 2007, turnover from \$10 million to \$2 billion in 6 years

Our Vision: the top integrated supply chain provider in China for raw materials



CHINALIGHT RESOURCES

WHAT WE DO --- INTEGRATED SERVICE

Investing , Producing, Trading , Financing & Logistics for



MINERALS & METAL MATERIALS

- Cr & Ni
- Fe & Mn
- Nonferrous
- Ti & Zr
- RECYCLING METAL



AGRICULTURE MATERIALS

- BORON
- FERTILIZER, SULPHUR & PHOSPHORIC ACID
- TEXTILE RAW MATERIALS
- FOOD & SEAFOOD

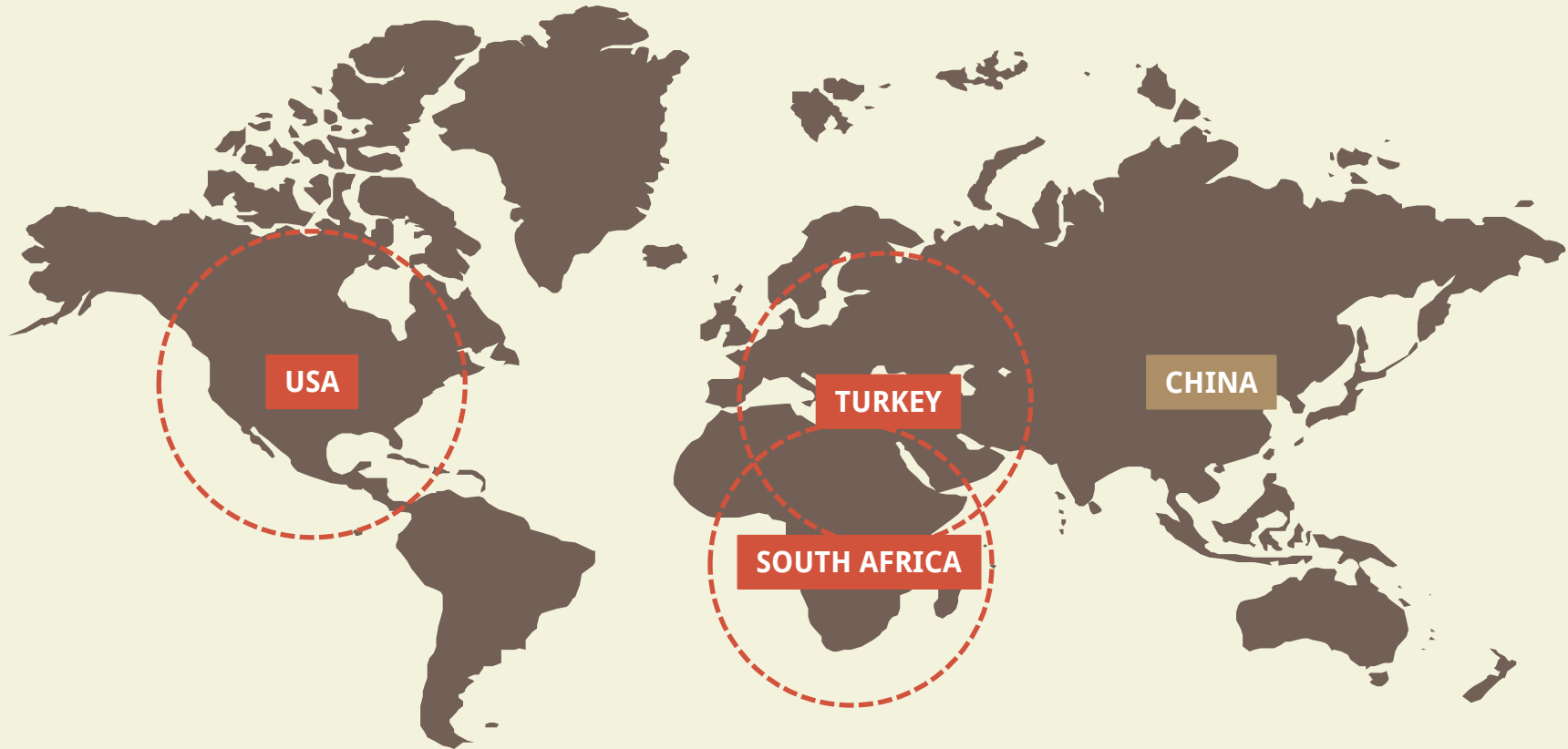


CONSTRUCTION MATERIALS

- STONE
- TIMBER



OUR FOOTPRINT



CHINALIGHT RESOURCES

CLR IN TURKEY

ONE OF THE BIGGEST CHINESE COMPANIES

CHROME



MANGANESE



BORAX



MARBLE



FOOD



PART TWO

HOW IS ACH MINE



INTRODUCTION OF ACH MINE

LOCATION



100km

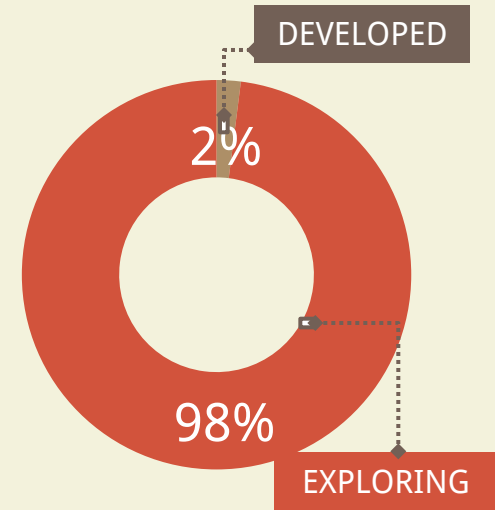
from Istanbul city center

80km

from the port

INTRODUCTION OF ACH MINE

ORE LAYERS OF ACH MINE



INTRODUCTION OF ACH MINE

QUALITY OF ORES

Main Manganese Ore

30pct-36pct

Second Quality Manganese Ore

$\leq 30\text{pct}$

*Can be enriched to
40pct

Coal

3500 Cal

*Can be enriched to
6000cal



INTRODUCTION OF ACH MINE

SHOWCASE



Plain Ground



Open Pit



Working Field



Working Field



Inventory

There are some pictures about ACH MINE, give you an intuitive understanding to our mine.



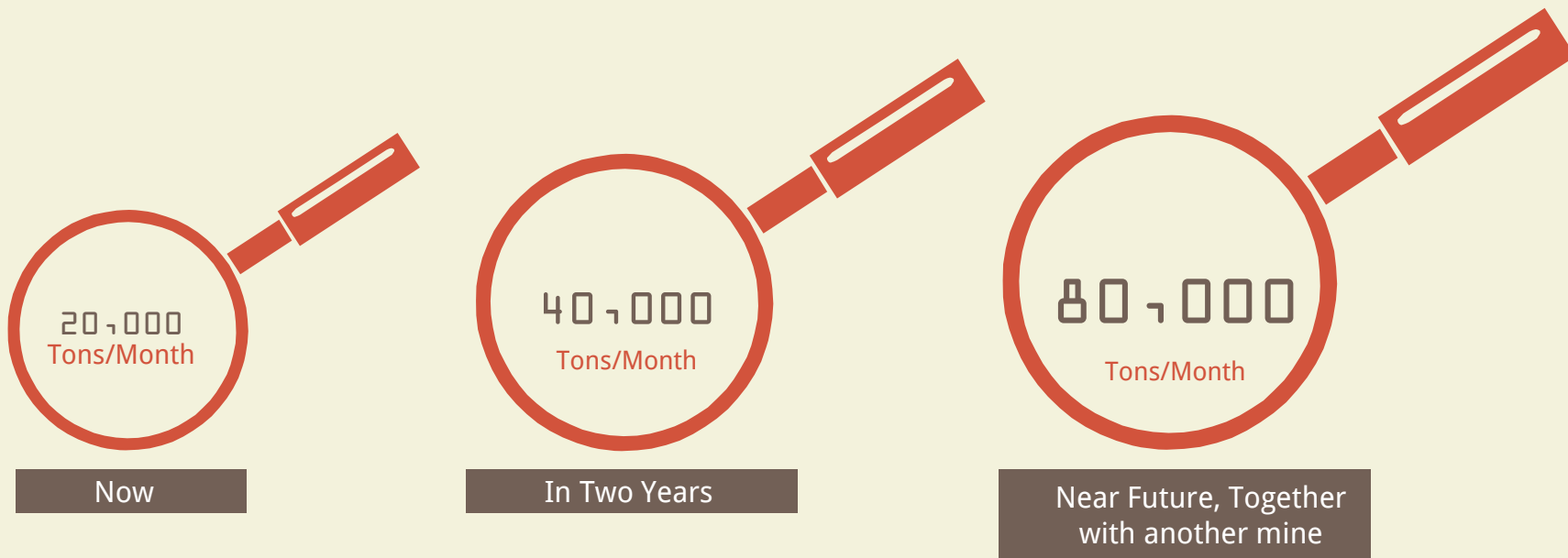
Stock Yard



Inventory

INTRODUCTION OF ACH MINE

EXPECTED OUTPUT



ADVANTAGES OF ACH MINE



EASY TO EXPLOIT

Open pit, wide and flat



COMPOUND ORE

Sand, clay (betonies), manganese and coal



LOGISTICS ADVANTAGE

100km from Istanbul city center

80km from the port



PART THREE

INVESTMENT IN TURKEY



INVESTMENT IN TURKEY

CHARACTERISTICS



**GEOGRAPHICAL
IMPORTANCE**



POLICY SUPPORT



**HIGH-DEGREE
INTERNATIONALIZATION**

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THANK YOU!
