



Key Points in the Revision of Chinese Standard

Xu Jinfang
Yang Qiang
Sun Yujian
Wan Hui

UNECE Expert Group on Resource Classification, First Session

Geneva, 28-30 April 2010



Personal Opinion

Connect with Old Version

China 77 Standard	Metal and non-metal	A	B	C	D	
China 92 Standard	Metal and non-metal	A	B	C	D	E
	Coal		A	B	C	D
UNFC 、 JORC 43-101、 CRISCO USGS Standard		Measured		Indicated		Inferred
China 1999 Standard		探明的		控制的		推断的
Canadian gold assessment guideline (1992)		Measured		Indicated		Inferred
		Class I	Class II	Class I	Class II	

Geological Assurance and Exploration Stage

	Detailed exploration	General exploration	Prospecting	Reconnaissance
Feasibility study Mining report	Proved mineral reserve (111)			
	Feasibility mineral resource (211)			
Prefeasibility study	Probable mineral reserve			
	(121)	(122)		
	Prefeasibility mineral resource			
	(221)	(222)		
Geological study	Measured mineral resource (331)	Indicated mineral resource (332)	Inferred mineral resource (333)	Reconnaissance mineral resource (334)

Different Opinion on Geological Assurance

- 1

Geological Assurance	Measured	Indicated	Inferred	Reconnaissance
Exploration Stage	Detailed exploration	General exploration	Prospecting	Reconnaissance

- 2

Geological Assurance	Measured	Indicated	Inferred	Reconnaissance
Resources Block (Area)	Detailed exploration			
	General exploration			
		Prospecting		
			Reconnaissance	

Feasibility Study Administration and Implement

- **Content**

- Technique and Economic Assessment -- NDRC
- Environment – MEP
- Conservation of Water and Soil – MWR
- Land Reclamation – MLR
- Safety in Production -- SAWS
-

- **Cooperation**

- Geological Organization
- Engineering and Mining Design Organization

Feasibility Study and Classification

Thank You!