全国重要矿产资源“三率”综合调查表

**开采矿产类型：**

**采矿许可证号：**

**所在行政区代码：**

**采矿权人名称：**

**矿山名称：**

**填报单位(盖章)：**

**填报人（签章）： 　 　　联系方式： 填报日期：**

**审核人（签章）： 　 　　联系方式： 审核日期：**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **1、矿山企业基本情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 采矿许可证号 | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 开采方式 | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 矿山生产建设规模 | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 经济类型 | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 建矿时间 | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | 投产时间 | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | 剩余生产年限（年） | | | | | | | | | | | | | | | | | |  | | | | | | | | |
| **2、矿山储量情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 矿石工业类型 | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 矿床工业类型 | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 矿产名称 | 矿产组合 | | | | | | | | | | | | | 有价元素/化合物 | | | | | | | | | | | | | 地质品位 | | | | | | | | | | | 统计对象  及单位 | | | | | | | | | | | | 2011年底资源储量 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 累计查明资源储量 | | | | | | | | | | 年动用资源储量 | | | | | | | | | | | | 年损失资源储量 | | | | | | | | | | | | 年末保有资源储量 | | | | | | | |
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| **3、矿山开采技术条件** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 主要矿体编号 | | | | | | | | 矿体走向长度（m) | | | | | | | | | | | | 矿体倾角（度） | | | | | | | | | | | | | 矿体厚度（m） | | | | | | | | | | | | 矿体赋存深度（m） | | | | | | | | | | | | | 矿体稳固性 | | | | | | | | | | | 围岩稳固性 | | | | | | | | | | 矿床水文地质条件 | | | | | | | | | | | | |
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| **4、矿山采矿情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 开拓方式 | | | | | | | | | | | 设计生产能力  （万吨) | | | | | | | | | | | | | | | 设计资源利用率（%） | | | | | | | | 设计采矿贫化率  （%） | | | | | | | | | | | | | 设计开采回采率（%） | | | | | | | | | 设计出矿品位（%） | | | | | | | | | | 主矿种最低工业  品位（%） | | | | | | | | | | | 采矿年平均耗电量  （千瓦时/吨原矿） | | | | | | | | | | | | 采矿年平均耗水量  （吨/吨原矿） | | |
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| 年份 | 年实际出矿量（万吨) | | | | | | | | | | | | | | | | | 年实际采矿量（万吨) | | | | | | | | | | | | | | | | | | 实际开采回采率（%） | | | | | | | | | | | | | | | 主矿种实际出矿品位（%） | | | | | | | | | | | | | 实际采矿贫化率（%） | | | | | | | | | | | | | 掘采比（m/万吨） | | | | | | | | | | | | 露天剥采比（t/t） | | |
| 2009 |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | |  | | |
| 2010 |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | |  | | |
| 2011 |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | |  | | |
| 采矿方法名称 | | | | | | | | | | | | | | | | | | | | | | | | 2011年实际出矿量（万吨) | | | | | | | | | | | | | | | | | | | | | | 2011年实际采矿量（万吨) | | | | | | | | | | | | | | | | | | 主矿种出矿品位（%） | | | | | | | | | | | | | | 采矿损失率（%） | | | | | | | | | | | 采矿贫化率（%） | | |
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| **5、矿山选矿情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 选矿厂名称 | | | | | 设计年选矿能力  （万吨） | | | | | | | | | | | | | | | | | 设计主矿种入选  品位（%） | | | | | | | | | | | | | | 最大入磨粒度（mm) | | | | | | | | | | | | | | 磨矿细度（%) | | | | | | | | | | | 年外购矿石量（万吨） | | | | | | | | | | | | | | | | | | | | | | 年入选矿石量(万吨) | | | | | | | | |
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| 年份 | | | | | 主矿种入选矿石量  （万吨） | | | | | | | | | | | | | | | | | 主矿种入选品位  （%） | | | | | | | | | | | | | | 主矿种选矿回收率  （%） | | | | | | | | | | | | | | 选矿耗水量  （吨/吨原矿） | | | | | | | | | | | 选矿耗新水量  （吨/吨原矿） | | | | | | | | | | | | | | 选矿耗电量  （千瓦时/吨原矿） | | | | | | | | | | | | | 磨矿介质损耗  （kg/吨原矿） | | | |
| 2009 | | | | |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | |
| 2010 | | | | |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | |
| 2011 | | | | |  | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | |
| 共伴生元素/化合物名称及单位 | | | | | | | | | | | | | | | | | | | | | 2009年入选品位 | | | | | | | | | | | | | | | 2009年回收率（％） | | | | | | | | | | | | | | 2010年入选品位 | | | | | | | | | | | 2010年回收率（％） | | | | | | | | | | | | | | 2011年入选品位 | | | | | | | | | | | | | 2011年回收率（％） | | | |
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| 选矿产品名称 | | | | | | 选矿方法 | | | | | | | | | | | | | | | | | | | | 产率（%） | | | 选矿回收率（%） | | | | | | 主计价元素/化合物 | | | | | | | | | | | | | | 可利用元素/化合物1 | | | | | | | | | | 可利用元素/化合物2 | | | | | | | | | | | | 可利用元素/化合物3 | | | | | | | | | | | | | | 可利用元素/化合物4 | | | | | | |
| 名称及单位 | | | | | | | | | 品位 | | | | | 名称及单位 | | | | | | | | 品位 | | 名称及单位 | | | | | | | | | | | 品位 | 名称及单位 | | | | | | | | | | | 品位 | | | 名称及单位 | | | | | | 品位 |
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| **6、尾矿、废水、废石处置与利用情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 年份 | | 尾矿产率  （%） | | | | | | | | | | | | | 尾矿年排放量  (万吨) | | | | | | | | | | | | | | | | 尾矿品位  （%） | | | | | | | | | | | 尾矿年利用量  (万吨) | | | | | | | | | | | | | 尾矿年利用产值  (万元) | | | | | | | | | | | | 选矿废水年排放量(万吨) | | | | | | | | | | | | | 回水利用率  （%） | | | | | | | 回水利用产值  (万元) | | | | |
| 2009 | |  | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | |  | | | | |
| 2010 | |  | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | |  | | | | |
| 2011 | |  | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | |  | | | | |
| 年份 | | | 废石年排放量  (万吨) | | | | | | | | | | | | | | | | | | | | 废石累计积存量  (万吨) | | | | | | | | | | | | | | 废石年利用量  (万吨) | | | | | | | | | | | | | | | 废石利用产值  (万元) | | | | | | | | | | 矿坑涌水年排放量  (万吨) | | | | | | | | | | | | | | 矿坑涌水利用率  （%） | | | | | | | | | | 矿坑涌水利用产值  (万元) | | | | | |
| 2009 | | |  | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | |
| 2010 | | |  | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | |
| 2011 | | |  | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | |
| 尾矿库设计库容  （万立方米） | | | | | | | | | 截止2011年底尾矿  累计积存量(万吨) | | | | | | | | | | | | | | | | 截止2011年底剩余库容  (万立方米） | | | | | | | | | | | | | | 尾矿处置方式 | | | | | | | | | | | | | | | 尾矿运输方式 | | | | | | | | | 尾矿利用方式 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **7、矿山经济指标** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 年工业总产值（万元） | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 年工业增加值（万元） | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |
| 出售产品名称 | | | | 主计价元素/化合物名称 | | | | | | | | | | | | | 品级 | | | | | | | | | | | 年初库存量  （万吨） | | | | | | | | | | | | | 年自用量  （万吨） | | | | | | | | | | | | | 年销售量  （万吨） | | | | | | | | 年末库存量  （万吨） | | | | | | | | | | | 年平均销售价格（元/吨） | | | | | | | | | | | | | | | | | 销售收入  （万元） | |
| 国内 | | | | | | | | 国外 | | | | | | | | |
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| **8、难选冶、低品位资源开发利用情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 名称 | | | | | | | 矿种 | | | | | | | | | 资源储量（万吨) | | | | | | | | | | | | | | 品位（%） | | | | | | | | | | 年开采量（万吨） | | | | | | | | | | | | | 矿石堆存量（万吨） | | | | | | | | | | 难选冶原因 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 现采用的采选工艺技术 | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 年份 | | | | | | | | | | | | | | | | | | | 2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | 2011 | | | | | | | | | | | | | | | | | |
| 年选矿量（万吨） | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| 有价元素1  回收利用 | | | | | | | | | | 名称 | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| 品位（%） | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| 回收率（%） | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| … | | | | | | | | | |  | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
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| **9、新技术新工艺情况** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 备注（数据填报中需要说明的问题等） | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |