

## 前 言

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## 第一章 评价对象与依据

### 1.1 评价对象和范围

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### 1.2 评价依据

#### 1.2.1 法律法规

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#### 1.2.4 建设项目合法证明文件及技术资料

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## 第二章 建设项目概述

### 2.1 建设单位概况

#### 2.1.1 历史沿革

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### 2.1.2 项目背景及立项情况

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### 2.1.3 矿区位置、交通

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图 2-1 交通位置图

### 2.1.4 周边环境

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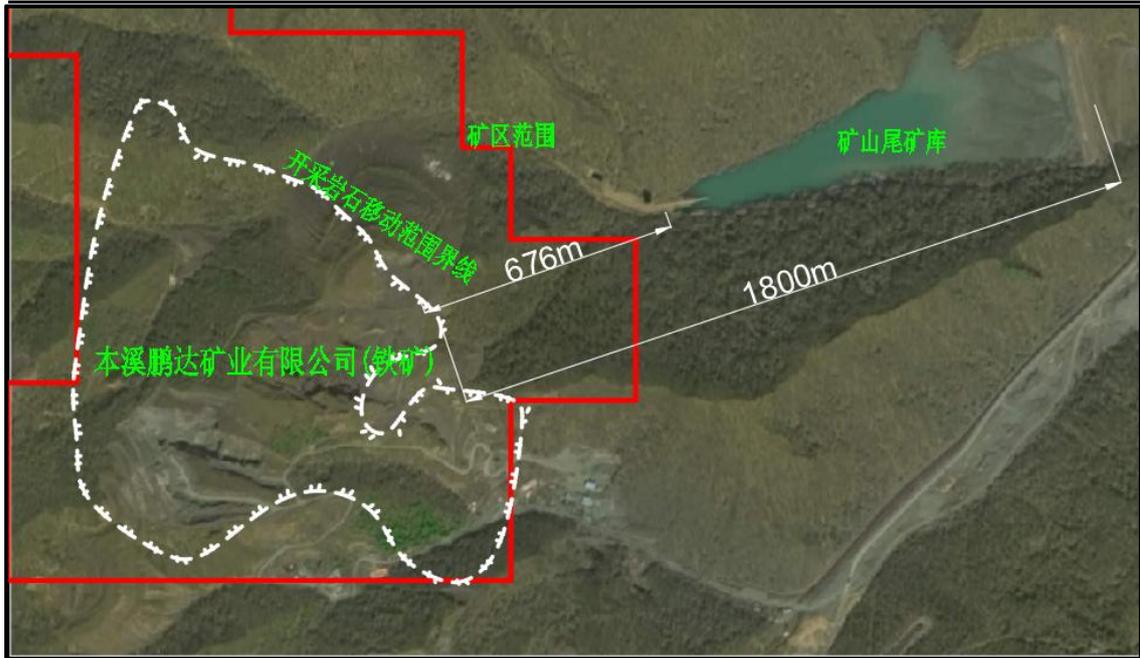


图 2-2 矿山周边环境图

## 2.2 自然环境概况

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## 2.3 建设项目地质概况

### 2.3.1 矿区地质概况

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2.3.3 工程地质概况

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2.3.4 矿床地质概况

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## 2.4 工程建设方案概况

### 2.4.1 矿山开采现状

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2.4.2 建设规模及工作制度

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### 2.4.6 采矿工艺

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#### 2.4.6.1 无底柱分段崩落采矿法

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#### 2.4.6.2 浅孔留矿嗣后充填采矿法

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## 2.4.7 通风系统

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## 2.4.8 矿山供配电设施

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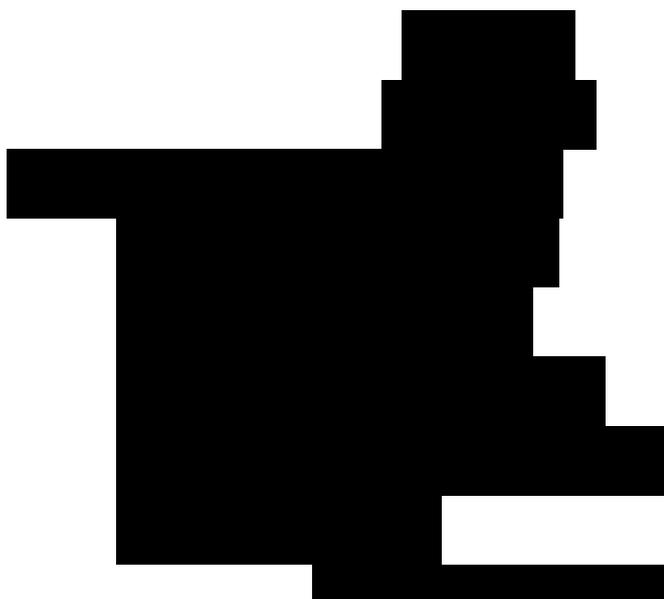
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### 2.4.9 防排水及防灭火

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## 2.4.10 安全避险“六大系统”

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#### 2.4.12 安全管理及其他

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### 2.4.12.3 矿山救护

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### 2.4.12.5 安全费用提取及安全设施投资

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### 第三章 定性定量评价

#### 3.1 总平面布置单元

##### 3.1.1 安全检查表法评价

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### 3.1.2 矿山开采与周边环境的相互影响

### 3.2 开拓单元

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### 3.4.3 采矿方法合理性分析

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### 3.5 通风单元

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### 3.5.3 风量能力定量评价

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### 3.8 安全避险“六大系统”单元

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### 3.9 安全管理及其他单元

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### 3.10 重大危险源辨识单元

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## 第四章 安全对策措施建议

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## 第五章 安全预评价结论

### 5.1 建设项目安全预评价综述

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### 5.2 项目应重点防范的重大危险、有害因素

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### 5.3 应重视的安全对策措施

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#### 5.4 危险因素控制程度

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#### 5.5 安全预评价总体结论

本溪鹏达矿业有限公司（铁矿）地下开采建设项目在评价时的条件下符合国家的有关法律、法规、标准、规范的要求。若能在该项目在编写安全设施设计以及建设单位施工过程中，认真落实《初步设计》及本次安全预评价中提出的安全对策措施，严格执行国家的有关法律、法规、标准、规范的要求，则该建设项目潜在的危险、有害因素可以控制在可接受范围内，项目安全可行。

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## 附件

- (1) 企业营业执照。
- (2) 采矿许可证。
- (3) 立项文件，省发展改革委关于本溪鹏达铁矿厂(铁矿)地下开采建设项目核准的批复(辽发改工业【2019】678号)。
- (4) 《辽宁省本溪县磨石峪矿区鹏达铁矿资源储量核实报告》评审意见书，辽储评(储)字(2013)228号)。
- (5) 《辽宁省本溪县磨石峪矿区鹏达铁矿资源储量核实报告》辽国土资储备字(2013)351号)。

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## 附图

- (1) 评价人员现场合影
- (2) 地形地质及矿区范围图
- (3) 井上下工程对照及总平面布置图
- (4) 开拓系统纵投影图
- (5) 回风平硐 HFPD1 通风系统图
- (6) 回风平硐 HFPD2 通风系统图
- (7) 回风平硐 HFPD3 通风系统图
- (8) 排水系统图
- (9) 避灾路线图
- (10) 供水施救系统图
- (11) 压风自救系统图
- (12) 监测监控系统图
- (13) 通信联络系统图
- (14) 人员管理系统图
- (15) 井巷工程断面图
- (16) 无底柱分段崩落采矿法
- (17) 浅孔留矿嗣后充填采矿法
- (18) 地表 10kV 配电室一次接线图
- (19) 一期 535m 中段中央变电所供配电系统图
- (20) 二期 535m 中段中央变电所供配电系统图
- (21) 地表供配电系统图