地质灾害调查报告

卡片1 **崩塌（危岩）野外调查表**

项目名称： $IF0$ 图幅名：$IF1$ 图幅编号：$IF2$

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 名称 | | $IF3$ | | | | | | | | | | | | | | | | | | | | | | | | 地理位置 | | | | 广西区 $IF4$ 县(区、市) $IF5$ 乡 $IF6$ 村 $IF7$ 组 | | | | | | | | | | | | | | | | | | | | | |
| 野外编号 | | | $IF8$ | | | | | | | | | 斜坡类型 | | | {T0}自然岩质  {T1}人工岩质  {T2}自然土质  {T3}人工土质 | | | | | | | | | | | 坐标 | | | 经度 | | | $IF11$ ° $IF12$ ′$IF13$ ″ | | | | | | | 标高  (m) | | 坡顶 | | | | | $IF17$ | |
| 统一编号 | | | $IF9$ | | | | | | | | |
| 纬度 | | | $IF14$ ° $IF15$′$IF16$ ″ | | | | | | | 坡脚 | | | | | $IF18$ | |
| 县市编号 | | | $IF10$ | | | | | | | | |
| 崩塌类型 | | | | | {T4}倾倒式 {T5}滑移式 {T6}坠落式 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 崩塌环境 | 地质  环境 | | | | | 地层岩性 | | | | | | | | | | | | | 地质构造 | | | | | | | | | | | | | | | | 微地貌 | | | | | 地下水类型 | | | | | | | | | | | |
| 时代 | 岩性 | | | | | | | 产状 | | | | | 构造部位 | | | | | | | | | 地震烈度 | | | | | | | {T7}陡崖 {T8}陡坡  {T9}缓坡 {T10}平台 | | | | | {T11}孔隙水  {T12}裂隙水  {T13}岩溶水 | | | | | | | | {T14}潜水  {T15}承压水  {T16}上层滞水 | | | |
| $IF19$ | $IF20$ | | | | | | | $IF21$ ∠ $IF22$ | | | | | $IF23$ | | | | | | | | | $IF24$ | | | | | | |
| 地理  环境 | | | | | 降雨量（mm） | | | | | | | | | | | 水 文 | | | | | | | | | | | | | | | | | | | | | | | | | | | 土地利用 | | | | | | | |
| 年均 | | 最大降雨量 | | | | | | | | | 丰水位  (m) | | | | | | 枯水位  (m) | | | | | | | | | 斜坡与河流位置 | | | | | | | | | | | | {T21}耕地 {T22}草地  {T23}灌木 {T24}森林  {T25}裸露 {T26}建筑 | | | | | | | |
| 日 | | | | | 时 | | | |
| $IF25$ | | $IF26$ | | | | | $IF27$ | | | | $IF28$ | | | | | | $IF29$ | | | | | | | | | {T17}左岸 {T18}右岸 | | | | | | | {T19}凹岸 {T20}凸岸 | | | | |
| 崩塌（危岩）体特征 | 分布高程(m) | | | | | 坡高(m) | | | | 坡长(m) | | | | | | 坡宽(m) | | | | | 厚度（m） | | | | | | 体积(m3) | | | | | | | 规模等级 | | | | | | | | | | | | 坡度 (°) | | | | | 坡向  (°) |
| $IF144$ | | | | | $IF30$ | | | | $IF31$ | | | | | | $IF32$ | | | | | $IF33$ | | | | | | $IF34$ | | | | | | | {T27}巨型 {T28}大型 {T29}中型 {T30}小型 | | | | | | | | | | | | $IF35$ | | | | | $IF36$ |
| 结构特征 | | | 岩 质 | | 岩体结构 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 斜坡结构类型 | | | | | | | | | | | | | | |
| 结构类型 | | | | | | | | | | | 厚度(m) | | | | | 裂隙组数  (组) | | | | | | | 块度(长×宽×高) (m) | | | | | | | |
| {T31}整体块状 {T32}块裂  {T33}碎裂 {T34}散体 | | | | | | | | | | | $IF37$ | | | | | $IF38$ | | | | | | | $IF39$ | | | | | | | | {T35}土质斜坡 {T36}碎屑岩斜坡  {T37}碳酸盐岩斜坡 {T38}结晶岩（岩浆岩）斜坡  {T39}变质岩斜坡 | | | | | | | | | | | | | | |
| 控制面结构 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | {T40}平缓层状斜坡 {T41}顺向斜坡  {T42}斜向斜坡 {T43}横向斜坡  {T44}反向斜坡 {T45}特殊结构斜坡 | | | | | | | | | | | | |
| 类 型 | | | | | | | | | | | | 产 状 | | | | | | 长度(m) | | | | | | | | | | 间距(m) | | | | |
|
| {T46}层理面  {T47}片理或壁理面  {T48}节理裂隙面  {T49}覆盖层与基岩接触面  {T50}层内错动带  {T51}构造错动带  {T52}断层 | | | | | | | | | | | | $IF40$∠$IF41$ | | | | | | $IF46$ | | | | | | | | | | $IF47$ | | | | | 全风化带  深度(m) | | | | | | | 卸荷裂缝  深度(m) | | | | | |
| $IF52$ | | | | | | | $IF53$ | | | | | |
| $IF42$∠$IF43$ | | | | | | $IF48$ | | | | | | | | | | $IF49$ | | | | |
| $IF44$∠$IF45$ | | | | | | $IF50$ | | | | | | | | | | $IF51$ | | | | |
| 土 质 | | 土的名称及特征 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 下伏基岩特征 | | | | | | | | | | | | | | | | | |
| 名称 | | | 密实度 | | | | | | | | | | | | | | | | 稠度 | | | | | | | | | 岩性 | | | | 时代 | | | | 产状 | | | | | | | 埋深(m) | | |
| $IF54$ | | | {T53}密 {T54}中 {T55}稍 {T56}松 | | | | | | | | | | | | | | | | $IF55$ | | | | | | | | | $IF56$ | | | | $IF57$ | | | | $IF58$∠$IF59$ | | | | | | | $IF60$ | | |
| 地下水 | | | | | 埋深(m) | | | | | 露 头 | | | | | | | | | | | | | | | | | | | | | | | 补给类型 | | | | | | | | | | | | | | | | | |
| $IF61$ | | | | | {T57}上升泉 {T58}下降泉 {T59}湿地 | | | | | | | | | | | | | | | | | | | | | | | {T60}降雨 {T61}地表水 {T62}融雪 {T63}人工 | | | | | | | | | | | | | | | | | |
| 变形  发育史 | | | | | 形成时间 | | | | | $IF62$ 年 $IF63$ 月 $IF64$ 日 | | | | | | | | | | | | | | | | | | | | | | | 发生崩塌次数(次) | | | | | | | | $IF65$ | | | | | | | | | |
| 序号 | | 发生时间 | | | | | | | | | | | | 规模  (m3) | | | | | | | | | | | 诱发因素 | | | | | | | | | | 死亡人数  (人) | | | | | | 直接经济损失(万元) | | | | |
|  | | $IF66$ | | | | | | | | | | | | $IF67$ | | | | | | | | | | | {T64}降雨 {T65}河流冲刷 {T66}开挖 {T67}地震 {T68}其它: | | | | | | | | | | $IF68$ | | | | | | $IF69$ | | | | |
| $IF70$ | | $IF71$ | | | | | | | | | | | | $IF72$ | | | | | | | | | | | $IF73$ | | | | | | | | | | $IF74$ | | | | | | $IF75$ | | | | |
| $IF76$ | | $IF77$ | | | | | | | | | | | | $IF78$ | | | | | | | | | | | $IF79$ | | | | | | | | | | $IF80$ | | | | | | $IF81$ | | | | |
| 现今变形破坏迹象 | | | | | 名 称 | | | | | 部 位 | | | | | | | | | 特 征 | | | | | | | | | | | | | | | | | | | | | | | | | | | 初现时间 | | | | |
| {T69}拉张裂缝 | | | | | $IF82$ | | | | | | | | | $IF83$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF84$ | | | | |
| {T70}剪切裂缝 | | | | | $IF85$ | | | | | | | | | $IF86$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF87$ | | | | |
| {T71}地面隆起 | | | | | $IF88$ | | | | | | | | | $IF89$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF90$ | | | | |
| {T72}地面沉降 | | | | | $IF91$ | | | | | | | | | $IF92$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF93$ | | | | |
| {T73}剥、坠落 | | | | | $IF94$ | | | | | | | | | $IF95$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF96$ | | | | |
| {T74}树木歪斜 | | | | | $IF97$ | | | | | | | | | $IF98$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF99$ | | | | |
| {T75}建筑变形 | | | | | $IF100$ | | | | | | | | | $IF101$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF102$ | | | | |
| {T76}冒渗混水 | | | | | $IF103$ | | | | | | | | | $IF104$ | | | | | | | | | | | | | | | | | | | | | | | | | | | $IF105$ | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 可能失稳  因 素 | | | | {T77}降雨 {T78}地震 {T79}人工加载 {T80}开挖坡脚 {T81}坡脚冲刷 {T82}坡脚浸润  {T83}坡体切割 {T84}风化 {T85}卸荷 {T86}动水压力 {T87}爆破振动 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 目前稳定程度 | | | | | | {T88}稳定 {T89}较稳定 {T90}不稳定 | | | | | | | | | | | | | | | 今后变化趋势 | | | | | | | {T91}稳定 {T92}较稳定 {T93}不稳定 | | | | | | |
| 堆积体特征 | 长度  (m) | | | | 宽度  (m) | | | 厚度  (m) | | | | | 体积  (m3) | | | 坡度  (°) | | | | | 坡向  (°) | | | | | | 坡面形态 | | | | | | | | |
| $IF106$ | | | | $IF107$ | | | $IF108$ | | | | | $IF109$ | | | $IF110$ | | | | | $IF111$ | | | | | | {T94}凸 {T95}凹 {T96}直 {T97}阶 | | | | | | | | |
| 可能失稳  因 素 | | | | {T98}降雨 {T99}地震 {T100}人工加载 {T101}开挖坡脚 {T102}坡脚冲刷 {T103}坡脚浸润  {T104}坡体切割 {T105}风化 {T106}卸荷 {T107}动水压力 {T108}爆破振动 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 目前稳定  程 度 | | | | {T109}稳定 {T110}较稳定 {T111}不稳定 | | | | | | | | | | | | | | | 今后变化趋势 | | | | | | {T112}稳定 {T113}较稳定 {T114}不稳定 | | | | | | | | | |
| 崩塌（危岩）危害 | 已造成  危 害 | | | | 死亡人数(人) | | | | 损坏房屋 | | | | | | 毁路(m) | | | | 毁渠(m) | | | | | 其它危害 | | | | 直接损失(万元) | | | | 间接损失(万元) | | | |
| $IF112$ | | | | 户 间 | | | | | | $IF113$ | | | | $IF114$ | | | | | $IF115$ | | | | $IF116$ | | | | $IF117$ | | | |
| 灾情等级 | | | | {T115}特大型 {T116}大型 {T117}中型 {T118}小型 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 危害对象 | | | | {T119}县城 {T120}村镇 {T121}居民点 {T122}学校 {T123}矿山 {T124}工厂 {T125}水库 {T126}电站 {T127}农田 {T128}饮灌渠道 {T129}森林 {T130}公路 {T131}大江大河 {T132}铁路 {T133}输电线路 {T134}通讯设施 {T135}国防设施 {T136}其它：$IF118$ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 诱发灾害 | | | | 类型 | | | | $IF119$ | | | | | | | | 波及范围 | | | | | | $IF120$ | | | | | | | | 造成损失(万元) | | | $IF121$ | |
| 潜在危害 | | | | 威胁人数(人) | | | | | | | $IF122$ | | | | | | | | | | | 威胁财产(万元) | | | | | | | | $IF123$ | | | | |
| 险情等级 | | | | {T137}特大型 {T138}大型 {T139}中型 {T140}小型 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 威胁对象 | | | | {T141}县城 {T142}村镇 {T143}居民点 {T144}学校 {T145}矿山 {T146}工厂 {T147}水库 {T148}电站 {T149}农田 {T150}饮灌渠道 {T151}森林 {T152}公路 {T153}大江大河 {T154}铁路 {T155}输电线路 {T156}通讯设施 {T157}国防设施 {T158}其它：$IF124$ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测建议 | | | {T159}定期目视检查 {T160}安装简易监测设施 {T161}地面位移监测 {T162}深部位移监测 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 防治建议 | | | {T163}群测群防 | | | | | | | {T169}村级监测预警 {T170}乡级监测预警 {T171}县级监测预警 {T172}市级监测预警 {T173}省级监测预警 {T174}国家级监测预警 {T175}交通监测预警 | | | | | | | | | | | | | | | | | | | | | | | | | |
| {T164}专业监测 | | | | | | | {T176}县级监测预警 {T177}市级监测预警 {T178}省级监测预警 {T179}国家级监测预警 | | | | | | | | | | | | | | | | | | | | | | | | | |
| {T165}搬迁避让 | | | | | | | {T180}部分搬迁避让 {T181}整村搬迁避让 | | | | | | | | | | | | | | | | | | | | | | | | | |
| {T166}工程治理 | | | | | | | {T182}裂缝填埋 {T183}地表排水 {T184}地下排水 {T185}削方减载 {T186}坡面防护 {T187}反压坡脚 {T188}支挡 {T189}锚固 {T190}灌浆 {T191}植树种草 {T192}坡改梯 {T193}水改旱 {T194}减少振动 {T195}生物工程 | | | | | | | | | | | | | | | | | | | | | | | | | |
| {T167}应急排危除险 | | | | | | | $IF125$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| {T168}立警示牌 | | | | | | | $IF126$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 遥感解译点 | | | | {T196}是  {T197}否 | | 勘查点 | | | | | {T198}是  {T199}否 | | | 测绘点 | | | | {T200}是  {T201}否 | | | | | | | 防灾预案/群测群防点 | | | | | {T202}是  {T203}否 | | | 隐患点 | | {T204}是  {T205}否 |
| 照片记录 | | | | $IF127$ | | | | | | | | | | | | | | 录像记录 | | | | | | | $IF128$ | | | | | | | | | | |
| 野外记录信息 | | $IF129$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

调查负责人： $IF130$ 填表人：$IF131$ 审核人： $IF132$ 填表日期：$IF133$ 年 $IF134$ 月 $IF135$ 日

调查单位：$IF136$

**崩塌（危岩）野外调查表**

野外编号：

|  |  |
| --- | --- |
| 示 意 图 | 平面图  {Image1} |
| 剖面图  {Image2} |

调查负责人： $IF137$ 填表人： $IF138$ 审核人：$IF139$ 填表日期：$IF140$ 年 $IF141$ 月 $IF142$ 日

调查单位：$IF143$

# 卡片2 地面塌陷野外调查表

项目名称： 图幅名： 图幅编号：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 名称 | |  | | | | | | | | | | | | | | | | 地理位置 | | | 广西区 县(区、市) 乡（镇） 村（屯） 组 | | | | | | | | | | | | | | | | | |
| 野外编号 | |  | | | | 统一编号 | | | | | |  | | | | | | 坐标 | 经度 | | | ° ′ ″ | | | | | | | | 标高(m) | | |  | | |
| 县(市)编号 | | | |  | | | | | | | | | | | | | | 纬度 | | | ° ′ ″ | | | | | | | |
| 发育特征 | 陷坑单体 | 坑号 | | | 形状 | | 坑口  规模  (m2) | | 深度  (m) | | | | | 变形  面积  (m2) | | | 规模  等级 | | | | | 长轴  方向 | | | | 充水  水位  深(m) | | | 水位  变动  (m) | | | 发生  时间 | | | | 发展变化 | | |
| 1 | | | □圆形  □方形  □短形  □不规则形 | |  | |  | | | | |  | | | □巨型  □大型  □中型  □小型 | | | | |  | | | |  | | |  | | |  | | | | □停止  □趋增强  □趋减弱 | | |
| 2 | | |  | |  | |  | | | | |  | | |  | | | | |  | | | |  | | |  | | |  | | | |  | | |
| 3 | | |  | |  | |  | | | | |  | | |  | | | | |  | | | |  | | |  | | |  | | | |  | | |
| 陷坑群体 | 坑数 | | | 分布、发育及发生发展情况 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  |  | | | 分布面积(km2) | | | 排列形式 | | | | | | 长列方向 | | | | | 坑口口径(m) | | | | | | | | | 坑的深度(m) | | | | | | | | | | |
|  | | | □群集式  □长列式 | | | | | |  | | | | | 最小 | | | | 最大 | | | | | 最小 | | | | | | | 最大 | | | |
|  | | | |  | | | | |  | | | | | | |  | | | |
|  |  |  | | | 始发  时间 | | | 盛发开  始时间 | | | | | | 盛发截止时间 | | | | | | | | | 停止  时间 | | | | | 发展变化 | | | | | | | | | | |
|  | | |  | | | | | |  | | | | | | | | |  | | | | | □停止 □趋增强 □趋减弱 | | | | | | | | | | |
| 伴生裂缝 | 单缝特征 | | | 缝号 | | 形态 | | | | 延伸  方向 | | | | 倾向(°) | | | | | 倾角(°) | | | 长度(m) | | | | | 宽度(m) | | | 深度(m) | | | | | | 性质 | |
| 1 | | □直线  □折线  □弧线 | | | |  | | | |  | | | | |  | | |  | | | | |  | | |  | | | | | | □拉张  □平移  □下错 | |
| 2 | |  | | | |  | | | |  | | | | |  | | |  | | | | |  | | |  | | | | | |  | |
| 群缝特征 | | | 分布、发育及发生发展情况 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 缝数 | | 分布面  积(km2) | | | 间距  (m) | | | | | | 排列  形式 | | | | | | 产状 | | 阶步  指向 | | | | 缝的规模 | | | | | | | | | | |
| 长(m) | | | | | | 宽(m) | | | | 深(m) |
|  | |  | | |  | | | | | | □平行  □斜列  □环围  □杂乱无章 | | | | | | ∠ | |  | | | | 最小 | |  | | | |  | | | |  |
| 最大 | |  | | | |  | | | |  |
| 塌陷区地貌特征 | | | | | | | □平原 □山间凹地 □河边阶地 □山坡 □山顶 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 成因类型 | | | □岩溶型塌陷 | | | | | | | | | | □土洞型塌陷 | | | | | | | | | | | | | | □冒顶型塌陷 | | | | | | | | | | | |
| 形成条件 | 地质环境条件 | | 塌陷地层时代及岩性：  岩层产状：  断裂情况：  溶洞发育情况：  岩层总体发育程度：□强□弱  塌顶溶洞埋深(m)：  地下水位埋深(m)： | | | | | | | | | | 塌陷土层结构及土性：  □单层  土性： 厚度(m)：  □双层  上部土性： 厚度(m)：  下部土性： 厚度(m)：  下伏基岩时代及岩性：  地下水位埋深(m)： | | | | | | | | | | | | | | 塌陷岩土层时代及岩性：  土层时代：  土性： 厚度(m)：  岩层时代：  岩性： 厚度(m)：  地下水位埋深(m)： | | | | | | | | | | | |
| 诱发动力因素 | | □地震  □其它振动  □地面加载  □水库蓄水  □其它水位骤变  □溶蚀剥蚀 | | | | | | | | | | □深井抽水  井位在塌陷区的方向：  距离(m)：  抽水降深(m)：  日出水量(m3)：  □江河水位变化  河边在塌陷区的方向：  距离(m)：  水位变幅(m)：  □地面加载  □振动 | | | | | | | | | | | | | | □坑道挖掘顶板冒落  □洞室顶部破碎岩土体地下水流强烈下泄  矿层厚度(m)： ，开采时间：  开采厚度(m)： ，开采深度(m)：  开采方法：  工作面推进速度(m/d)：  采出量(m3)：  顶板管理方法：  重复采动：□是 □否  采空区形态：  采空区规模(m3)： | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 灾害情况 | 已有灾害损失 | | | | | | | | | | | 潜在灾害预测 | | | | | | | |
| 毁田(亩)： 毁房(间)：  阻断交通：□铁路(m)： □公路(m)：  □通讯(小时)： | | | | | | | | | | | 陷坑发展预测 | | | | | 潜在损害预测 | | |
| 地面水源枯竭  □河水流量减少(m3/S)  □断流(m3/S)：  □井泉水流量减少(m3/S)：  □水位降低(m)：  □干枯 | | | | | | | | | | | 新增陷坑(个)：  扩大陷区(km2)： | | | | | 毁田(亩)：  毁房(间)： | | |
| 地下井巷突水  □水量增大(m3/S)： □成灾损失(万元)：  □淹井损失(万元)： | | | | | | | | | | | 出现新陷区(处)： | | | | | 断路(小时)： | | |
| 淹埋地面物资： | | | | | | | | | | | 面积(km2)： | | | | | 其它： | | |
| 死亡人数(人) | | | | | | 直接损失(万元) | | | | | 威胁人数(人) | | | | | 威胁财产(万元) | | |
|  | | | | | |  | | | | |  | | | | |  | | |
| 灾情等级 | | | □特大型 □大型 □中型 □小型 | | | | | | | | 险情等级 | | □特大型 □大型 □中型 □小型 | | | | | |
| 危害对象 | | □县城 □村镇 □居民点 □学校 □矿山 □工厂 □水库 □电站 □农田 □饮灌渠道 □森林 □公路 □大江大河 □铁路 □输电线路 □通讯设施 □国防设施 □其它： | | | | | | | | | 危胁对象 | □县城 □村镇 □居民点 □学校 □矿山 □工厂 □水库 □电站 □农田 □饮灌渠道 □森林 □公路 □大江大河 □铁路 □输电线路 □通讯设施 □国防设施 □其它： | | | | | | |
| 防治情况 | 已采取的防治措施及效果 | | | | | | | | | | | 今后防治建议 | | | | | | | |
|  | | | | | | | | | | |  | | | | | | | |
| 遥感解译点 | | | □是  □否 | | 勘查点 | | | □是  □否 | 测绘点 | □是  □否 | | | 防灾预案/群测群防点 | | | □是  □否 | | 隐患点 | □是  □否 |
| 照片记录 | | | | | |  | | | | | 录像记录 | | | |  | | | | |
| 野外记录信息 | |  | | | | | | | | | | | | | | | | | |

调查负责人： 填表人： 审核人： 填表日期： 年 月 日

调查单位：

**地面塌陷野外调查表**

野外编号：

|  |  |
| --- | --- |
| 示 意 图 | 平面图 |
| 剖面图 |

调查负责人： 填表人： 审核人： 填表日期： 年 月 日

调查单位：

# 卡片3 滑坡野外调查表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 名称 |  | | | | | | | | | | | | | | | | | 地理位置 | | 广西区 县(区、市) 乡（镇） 村（屯） 组 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 野外编号 | |  | | | | | | | 滑坡时间 | □古滑坡  □老滑坡  □现代滑坡 | | | | | | | | 坐标 | | | | 经度 | | | | | ° ′ ″ | | | | | | 标高  (m) | | | | | | 坡顶 | | |  | |
| 统一编号 | |  | | | | | | |
| 纬度 | | | | | ° ′ ″ | | | | | | 坡脚 | | |  | |
| 县市编号 | |  | | | | | | | 年 月 日  时 分 | | | | | | | |
| 滑坡类型 | □推移式滑坡 □牵引式滑坡 | | | | | | | | | | | | | | | | | 滑体性质 | | | | | | | | | | □岩质 □碎块石 □土质 | | | | | | | | | | | | | | | | | |
| 滑坡环境 | 地质环境 | | 地层岩性 | | | | | | | | | | | | | 地质构造 | | | | | | | | | | | | | | 微地貌 | | | | 地下水类型 | | | | | | | | | | | |
| 岩性 | | 时代 | | | | | | | | 产状 | | | 构造部位 | | | | | | | | | | | | 地震  烈度 | | □陡崖 □陡坡  □缓坡 □平台 | | | | □孔隙水  □裂隙水  □岩溶水 | | | | | | | | | □潜水  □承压水  □上层滞水 | | |
|  | |  | | | | | | | | ∠ | | |  | | | | | | | | | | | |  | |
| 自然  地理  环境 | | 降水量(mm) | | | | | | | | | | | | | 水 文 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 年均 | | | 日最大 | | | | | | 时最大 | | | | 洪水位(m) | | | | | | | | | 枯水位(m) | | | | | | | 滑坡相对河流位置 | | | | | | | | | | | | | |
|  | | |  | | | | | |  | | | |  | | | | | | | | |  | | | | | | | □左岸 □右岸 | | | | | | | | □凹岸 □凸岸 | | | | | |
| 原始  斜坡 | | 坡高  (m) | | | | 坡度  (°) | | | | | 斜坡结构  类 型 | | | | | | | | | | | | | | | 控滑结构面 | | | | | | | | | | | | | | | | | | |
|  | | | |  | | | | | □土质斜坡  □碎屑岩斜坡  □碳酸盐岩斜坡  □结晶岩（岩浆岩）斜坡  □变质岩斜坡 | | | | | | | | | | | | | | | 类型 | | □层理面  □片理或壁理面  □节理裂隙面  □覆盖层与基岩接触面  □层内错动带  □构造错动带  □断层  □老滑面 | | | | | | | | 产状 | | | | | ∠ | | | |
| ∠ | | | |
| 坡 形 | | | | | | | | |
| □平缓层状斜坡  □顺向斜坡  □横向斜坡  □斜向斜坡  □反向斜坡  □特殊结构斜坡 | | | | | | | | | | | | | | | ∠ | | | |
| □凸形  □凹形  □平直  □阶状 | | | | | | | | |
| ∠ | | | |
| 滑坡基本特征 | 外形  特征 | | 长度(m) | | | | 宽度(m) | | | | | | 厚度(m) | | | | 面积(m2) | | | | | 体积(m3) | | | | | | | 规模等级 | | | | | | | | | 坡度(°) | | | | | | | 坡向(°) |
|  | | | |  | | | | | |  | | | |  | | | | |  | | | | | | | □巨型 □特大型  □大型 □中型  □小型 | | | | | | | | |  | | | | | | |  |
| 平面形态 | | | | | | | | | | | | | | | | | | 剖面形态 | | | | | | | | | | | | | | | | | | | | | | | | |
| □半圆 □矩形 □舌形 □不规则 | | | | | | | | | | | | | | | | | | □凸形 □凹形 □直线 □阶梯 □复合 | | | | | | | | | | | | | | | | | | | | | | | | |
| 结构特征 | | 滑体特征 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 滑床特征 | | | | | | | | | | | | |
| 岩性 | | | 结构 | | | | | | | | 碎石含量(%) | | | | | | | | | 块度(cm) | | | | | | | | | | 岩性 | | | 时代 | | | | | | | | 产状 | |
|  | | | □可辨层次 □零乱 | | | | | | | |  | | | | | | | | | □≤5 □5~10  □10~50 □>50 | | | | | | | | | |  | | |  | | | | | | | | ∠ | |
| 滑面及滑带特征 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 形态 | | | | | | | | 埋深(m) | | | | 倾向(°) | | | | 倾角(°) | | | | | | | | | 厚度(m) | | | 滑带土名称 | | | | | | | | 滑带土性状 | | | | | | |
| □线形 □弧形  □阶形 □起伏 | | | | | | | |  | | | |  | | | |  | | | | | | | | |  | | | □粘土 □粉质粘土  □含砾粘土 | | | | | | | |  | | | | | | |
| 地下水 | | 埋深(m) | | | | | 露 头 | | | | | | | | | | | | | | | | | | 补给类型 | | | | | | | | | | | | | | | | | | | |
|  | | | | | □上升泉 □下降泉 □溢水点 | | | | | | | | | | | | | | | | | | □降雨 □地表水 □人工 □融雪 | | | | | | | | | | | | | | | | | | | |
| 土地使用 | | | □旱地 □水田 □草地 □灌木 □森林 □裸露 □建筑 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

项目名称： 图幅名： 图幅编号：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 变形活动特征 | 现今变形迹象 | | | 名 称 | | | | 部 位 | | | | | | | 特 征 | | | | | | | | | | | | | | 初现时间 | |
| □拉张裂缝 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □剪切裂缝 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □地面隆起 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □地面沉降 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □剥、坠落 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □树木歪斜 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □建筑变形 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| □渗冒浑水 | | | |  | | | | | | |  | | | | | | | | | | | | | |  | |
| 变形活动阶段 | | | | □初始蠕变阶段 □加速变形阶段 □剧烈变形阶段 □破坏阶段 □休止阶段 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 滑坡成因 | 主导因素 | | | □自然因素 □人为因素 □综合因素 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 自然因素 | | 自然诱因 | □降雨 □地震 □洪水 □崩塌加载 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 地质因素 | □节理极度发育 □结构面走向与坡面平行 □结构面倾角小于坡角 □软弱基座  □透水层下伏隔水层 □土体/基岩接触 □破碎风化岩/基岩接触 □强/弱风化层界面 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 地貌因素 | □斜坡陡峭 □坡脚遭侵蚀 □超载堆积 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 物理因素 | □风化 □融冻 □胀缩 □累进性破坏造成的抗剪强度降低 □孔隙水压力高  □洪水冲蚀 □水位陡降陡落 □地震 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 人为因素 | | | □削坡过陡 □坡脚开挖 □坡后加载 □蓄水位变化 □森林植被破坏 □爆破振动 □矿山采掘 □渠塘渗漏 □灌溉渗漏 □废水随意排放 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 稳定性分析 | 复活诱发  因 素 | | | □降雨 □地震 □人工加载 □开挖坡脚 □坡脚冲刷 □坡脚浸润 □坡体切割  □风化 □卸荷 □动水压力 □爆破振动 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 目前稳定  状 况 | | | □稳定 □较稳定 □不稳定 | | | | | | | | | | | | 发展趋势分 析 | | | | □稳定 □较稳定 □不稳定 | | | | | | | | | | |
| 滑坡危害 | 已造成  危 害 | | | 死亡人数  (人) | | | 损坏房屋 | | | | | 毁路(m) | | | | | 毁渠(m) | | | 其它危害 | | | | 直接损失(万元) | | | | 间接损失(万元) | | |
|  | | | 户 间 | | | | |  | | | | |  | | |  | | | |  | | | |  | | |
| 灾情等级 | | | □特大型 □大型 □中型 □小型 | | | | | | | | | | | | | | | | | | | | | | | |
| 危害对象 | | | □县城 □村镇 □居民点 □学校 □矿山 □工厂 □水库 □电站 □农田 □饮灌渠道 □森林 □公路 □大江大河 □铁路 □输电线路 □通讯设施 □国防设施 □其它： | | | | | | | | | | | | | | | | | | | | | | | |
| 诱发灾害 | | | 灾害类型 | | | | | |  | | | | 波及范围 | | | | |  | | | 造成损失(万元) | | | | |  | | | |
| 潜在危害 | | | 威胁人数(人) | | | | | | |  | | | | | | | 威胁财产(万元) | | | | | | |  | | | | | |
| 险情等级 | | | □特大型 □大型 □中型 □小型 | | | | | | | | | | | | | | | | | | | | | | | |
| 危胁对象 | | | □县城 □村镇 □居民点 □学校 □矿山 □工厂 □水库 □电站 □农田 □饮灌渠道 □森林 □公路 □大江大河 □铁路 □输电线路 □通讯设施 □国防设施 □其它： | | | | | | | | | | | | | | | | | | | | | | | |
| 监测建议 | | | | □定期目视检查 □安装简易监测设施 □地面位移监测 □深部位移监测 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 防治建议 | | | | □群测群防 | | | | | □村级监测预警 □乡级监测预警 □县级监测预警 □市级监测预警 □省级监测预警 □国家级监测预警 □交通监测预警 | | | | | | | | | | | | | | | | | | | | | |
| □专业监测 | | | | | □县级监测预警 □市级监测预警 □省级监测预警 □国家级监测预警 | | | | | | | | | | | | | | | | | | | | | |
| □搬迁避让 | | | | | □部分搬迁避让 □整村搬迁避让 | | | | | | | | | | | | | | | | | | | | | |
| □工程治理 | | | | | □裂缝填埋 □地表排水 □地下排水 □削方减载 □坡面防护 □反压坡脚 □支挡 □锚固 □灌浆 □植树种草 □坡改梯 □水改旱 □减少振动 □生物工程 | | | | | | | | | | | | | | | | | | | | | |
| □应急排危除险 | | | | |  | | | | | | | | | | | | | | | | | | | | | |
| □立警示牌 | | | | |  | | | | | | | | | | | | | | | | | | | | | |
| 遥感解译点 | | | | □是  □否 | | 勘查点 | | | | | □是 □否 | | 测绘点 | | | | □是 □否 | | | 防灾预案/群测群防点 | | | □是  □否 | | | 隐患点 | | | | □是  □否 |
| 照片记录 | | | |  | | | | | | | | | | | | | 录像记录 | | | |  | | | | | | | | | |
| 野外记录信息 | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

调查负责人： 填表人： 审核人： 填表日期： 年 月 日

调查单位：

**滑坡野外调查表**

野外编号：

|  |  |
| --- | --- |
| 示 意 图 | 平面图 |
| 剖面图 |

调查负责人： 填表人： 审核人： 填表日期： 年 月 日

调查单位：

# 卡片4 不稳定斜坡野外调查表

项目名称： 图幅名： 图幅编号：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 名称 | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 地理位置 | | | | 广西区 县(区、市) 乡（镇） | | | | | | | | | | | | | | | | | | | | | | | | |
| 村（屯） 组 | | | | | | | | | | | | | | | | | | | | | | | | |
| 野外编号 | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 经度 | | | | | | ° ′ ″ | | | | | | | | 标高  (m) | | | | 坡顶 | | | |  | | |
| 统一编号 | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 纬度 | | | | | | ° ′ ″ | | | | | | | | 坡脚 | | | |  | | |
| 县(市)编号 | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 斜坡类型 | | | | | | | □自然岩质 □人工岩质 □自然土质 □人工土质 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 斜坡变形趋势 | | | | | | | | □滑坡 □崩塌 □泥石流 | | | | | | | | | | | | |
| 斜坡环境 | | 地质  环境 | | | | | | | 地层岩性 | | | | | | | | | | | | | | | | | | 地质构造 | | | | | | | | | | | | | | | | | | | 微地貌 | | | | | | | | 地下水类型 | | | | | | | | | | | | |
| 时代 | | | | | 岩性 | | | | | | | 产状 | | | | | | 构造部位 | | | | | | | | | 地震烈度 | | | | | | | | | | □陡崖 □陡坡  □缓坡 □平台 | | | | | | | | □孔隙水  □裂隙水  □岩溶水 | | | | | | | □潜水  □承压水  □上层滞水 | | | | | |
|  | | | | |  | | | | | | | ∠ | | | | | |  | | | | | | | | |  | | | | | | | | | |
| 地理  环境 | | | | | | | 降雨量(mm) | | | | | | | | | | | | | | | | | | 水 文 | | | | | | | | | | | | | | | | | | | | | | | | | | | 土地利用 | | | | | | | | | | | | |
| 年均 | | 最大降雨量 | | | | | | | | | | | | | | | | 洪水位  (m) | | | | | | 枯水位  (m) | | | | | | | | | | | 斜坡与河流  位 置 | | | | | | | | | | □耕地 □草地  □灌木 □森林  □裸露 □建筑 | | | | | | | | | | | | |
| 日 | | | | | | | | | 时 | | | | | | |
|  | |  | | | | | | | | |  | | | | | | |  | | | | | |  | | | | | | | | | | | □左岸 □右岸 | | | | | | | | | |
| □凹岸 □凸岸 | | | | | | | | | |
| 斜坡基本特征 | | 外形  特征 | | | | | | | 坡高(m) | | | 坡长(m) | | | | | | | 坡宽(m) | | | | | | | 厚度(m) | | | | | | 预测体积  (m3) | | | | | | | | | | | | | 预测规模等级 | | | | | | | | | 坡度(°) | | | | | 坡向(°) | | | 坡面形态 | | | | |
|  | | |  | | | | | | |  | | | | | | |  | | | | | |  | | | | | | | | | | | | | □巨型 □大型 □中型 □小型 | | | | | | | | |  | | | | |  | | | □凸 □凹  □直 □阶 | | | | |
| 结构特征 | | | 岩 质 | | | | 岩体结构 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 斜坡结构类型 | | | | | | | | | | | | | | | | | |
| 结构类型 | | | | | | | | | | | | | | 厚度(m) | | | | | | | 裂隙组数  (组) | | | | | | | | | | 块度(长×宽×高)(m) | | | | | | | | |
| □整体块状结构  □块裂结构  □碎裂结构  □散体结构 | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | □土质斜坡 □碎屑岩斜坡  □碳酸岩斜坡 □结晶岩（岩浆岩）斜坡 □变质岩斜坡 | | | | | | | | | | | | | | | | | |
| □顺向斜坡 □平缓层状斜坡  □斜向斜坡 □横向斜坡  □反向斜坡 □特殊结构斜坡 | | | | | | | | | | | | | | | | | |
| 控制面结构 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 全风化带  深度(m) | | | | | | 卸荷裂缝  深度(m) | | | | | | | | |
| 类 型 | | | | | | | | | | | | | | | | 产 状 | | | | | | | | | 长度(m) | | | | | | | | | | | | 间距(m) | | | | | |  | | | | | |  | | | | | | | | |
| □层理面  □片理或劈理面  □节理裂隙面  □覆盖层与基岩接触面  □层内错动带  □构造错动带  □断层  □老滑面 | | | | | | | | | | | | | | | | ∠ | | | | | | | | |  | | | | | | | | | | | |  | | | | | |  | | | | | |  | | | | | | | | |
| ∠ | | | | | | | | |  | | | | | | | | | | | |  | | | | | |
| ∠ | | | | | | | | |  | | | | | | | | | | | |  | | | | | |
| 土 质 | | | | 土的名称及特征 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 下伏基岩特征 | | | | | | | | | | | | | | | | | | | | |
| 名称 | | | | | | | 密实度 | | | | | | | | | | | | | | | | | | | 稠度 | | | | | | | | | | | 岩性 | | | | 时代 | | | | | | 产状 | | | | | | 埋深(m) | | | | |
|  | | | | | | | □密 □中 □稍 □松 | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | |  | | | |  | | | | | | ∠ | | | | | |  | | | | |
| 地下水 | | | | | | | 埋深(m) | | | | | | | | 露 头 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 补给类型 | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | □上升泉 □下降泉 □湿地 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | □降雨 □地表水 □融雪 □人工 | | | | | | | | | | | | | | | | | | | | |
| 现今变形破坏迹象 | | | | | | | 名 称 | | | | | | | | 部 位 | | | | | | | | | | | 特 征 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 初现时间 | | | | | |
| □拉张裂缝 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □剪切裂缝 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □地面隆起 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □地面沉降 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □剥、坠落 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □树木歪斜 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □建筑变形 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| □冒渗混水 | | | | | | | |  | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
| 可能失稳  因 素 | | | | | □降雨 □地震 □人工加载 □开挖坡脚 □坡脚冲刷 □坡脚浸润 □坡体切割  □风化 □卸荷 □动水压力 □爆破振动 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 目前稳定  程 度 | | | | | □稳定 □较稳定  □不稳定 | | | | | | | | | | | | | | | | | | | | | | | | | 今后变化  趋 势 | | | | | | | | | | | | □稳定 □较稳定  □不稳定 | | | | | | | | | | | | | | | | | | | | | | |
| 已造成  危 害 | | | | | 损坏房屋 | | | | | | | | | 毁路(m) | | | | | | | | | 毁渠(m) | | | | | | | | | | | | | 其它危害 | | | | | | | | | | | 直接损失(万元) | | | | | | | 灾情等级 | | | | | | | | | | |
| 户 间 | | | | | | | | |  | | | | | | | | |  | | | | | | | | | | | | |  | | | | | | | | | | |  | | | | | | | □特大型 □大型  □中型 □小型 | | | | | | | | | | |
| 潜在危害 | | | | | 威胁人数(人) | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | 威胁财产(万元) | | | | | | | | | | | | | |  | | | | | | | | | | | | | | |
| 险情等级 | | | | | | | | | □特大型 □大型 □中型 □小型 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 危胁对象 | | | | | | | | | □县城 □村镇 □居民点 □学校 □矿山 □工厂 □水库 □电站 □农田 □饮灌渠道 □森林 □公路 □大江大河 □铁路 □输电线路 □通讯设施 □国防设施 □其它： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 监测建议 | | | | | □定期目视检查 □安装简易监测设施 □地面位移监测 □深部位移监测 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 防治建议 | | | | | | | □群测群防 | | | | | | | | | | | | □村级监测预警 □乡级监测预警 □县级监测预警 □市级监测预警 □省级监测预警 □国家级监测预警 □交通监测预警 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □专业监测 | | | | | | | | | | | | □县级监测预警 □市级监测预警 □省级监测预警 □国家级监测预警 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □搬迁避让 | | | | | | | | | | | | □部分搬迁避让 □整村搬迁避让 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □工程治理 | | | | | | | | | | | | □裂缝填埋 □地表排水 □地下排水 □削方减载 □坡面防护 □反压坡脚 □支挡 □锚固 □灌浆 □植树种草 □坡改梯 □水改旱 □减少振动 □生物工程 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □应急排危除险 | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| □立警示牌 | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 遥感解译点 | | | | | | | □是  □否 | | | | | 勘查点 | | | | | | | | | □是  □否 | | | | | | | 测绘点 | | | | | | | | | | □是  □否 | | | | | | | 防灾预案/群测群防点 | | | | | | | □是  □否 | | | | 隐患点 | | | | | | □是  □否 | | |
| 示 意 图 | | | 平面图 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 剖面图 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 照片记录 | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 录像记录 | | | | | |  | | | | | | | | | | | | | | | | | |
| 野外记录信息 | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

调查负责人： 填表人： 审核人： 填表日期： 年 月 日

调查单位：

**不稳定斜坡野外调查表**

野外编号：

|  |  |
| --- | --- |
| 示 意 图 | 平面图 |
| 剖面图 |

调查负责人： 填表人： 审核人： 填表日期： 年 月 日

调查单位：