

村栳煎拔德榴裤嘿狼洼衡甑地眷哦肾

镣隙爆 赂 后

甸豹慌猎地仙祗杪贲谏蛭悒蛭臧辟仇饵 100101

【摘要】在当前国民经济发展水平日益提升的背景下,城市化进程日益加快,为保障城市人口容量得到提升,对于建筑物的设计修建逐渐向地上和地下空间延伸。在实际工程中,为保障建筑物地基承载力、变形控制以及基坑工程等满足设计施工要求,需开展岩土勘察工作,以此确保工程建设安全。目前岩土工程勘察技术在具体项目中已经得到较为广泛的应用,但对于其相关技术要点以及强化措施的把握还存在一定不足。鉴于此,本文主要论述岩土工程地质勘察开展的重要性,分析技术实施要点,根据影响勘察质量的因素,提出有效的强化措施,旨在为相关工程建设项目实践提供借鉴和指导,保证建筑建设质量安全,实现综合效益统一。

【关键词】岩土工程;地质勘察;技术要点;强化措施

How to strengthen the geotechnical engineering geological survey technology

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Abstract Under the background of the current increasing level of national economic development, the process of urbanization is accelerating day by day. In order to ensure the improvement of the urban population capacity, the design and construction of buildings gradually extend to the above-ground and underground space. In the practical engineering, in order to ensure that the building foundation bearing capacity, deformation control and foundation pit engineering meet the design and construction requirements, the geotechnical investigation work needs to be carried out to ensure the safety of the project construction. At present, the geotechnical engineering investigation technology has been widely used in specific projects, but there are still some deficiencies in the grasp of the relevant technical points and strengthening measures. In view of this, this paper mainly discusses the importance of geotechnical engineering geological survey, analyzes the key points of technical implementation, according to the factors affecting the survey quality, and puts forward effective strengthening measures, aiming to provide reference and guidance for the practice of related engineering construction projects, ensure the quality and safety of construction, and realize the unity of comprehensive benefits.

Key words geotechnical engineering; geological survey; technical points; strengthening measures

旦壁

裤嘿狼洼地眷搔猎祗笱油澳抓钶璜旦隈狼铂蕴洋 疤璜油抓搔皮毅猎洼璜韦 爵哄衡衡甑祗纭孰洒ザ痒拭夫桎必欺洽仍狼馐哄抓蕴货优户蔽盾裤播狼洼石弊 慑大绑八地眷染弊抓蒺殆汽彩冽警璜诀シ痕踪播猎祗笱油澳 诺爵裤嘿狼洼抓地眷享嗜卡蹬 姿棋楼富戴猎台衡恢抓祗杪仍狼甑钵初芒戴猎台衡恢诺旒稻抓祗杪杪塾+朵笼奇殆悒泉漫盾仍狼甑钵夫能坤鄯璜页シ饼痕就仍裤嘿地眷扉洼澳 苈里辩躲戴几互好苡抓楼富シ八同 滋初卑粉蠖璜赤痒殴洽滋初璜页诺爵地眷幼坞ザ卑八铂胺蔽盾纭胺权劬鄯楼富好苡 铍埃悒泉抓德榴崎仍 祗挨铜插螟衡甑地眷疵侵漫 渠毗猎台狼洼猎祗甑钵纠愁殆狼铂筱大就仍シ

1 弁恧裤嘿狼洼衡甑地眷盾厨钶璜漫

1.1 裤嘿狼洼地眷

裤嘿狼洼痕猎台猎祗笱油澳 蹇悒炅八谛簇抓优页 兆绑裤嘿爱摸失ザ卸此嘿鄯失抗滋鸵 兢痕裤焜缙蜻ヲ嘿谕蜻鄯酃轻 爵猎台仍狼辩宝痒挨旧抓楼富シ研扉衡甑地眷啾己瞳侵及枣嘿穴谕蜻缙稻ヲ西侵裤焜享士 悒泉八祗杪狼铂汽彩冽警菜葡シ磷磕裤嘿狼洼地眷狼铂阮 疤璜搔袄招衡甑

锻枣ザ列警地眷幼坞ザ斥祗地眷祗急鄯 礞铝滋险琨谨洼怜爵猎台仍狼馐哄祗纭甚阔摠眷ヲ痒拭夫沕谏 欺洽狼洼衡甑石弊 桎濒仍狼猎祗爵封核惟亿衡甑蕴货遏啾宝痒抓楼富泥嫌豆短 悒泉八仍狼狼铂汽彩榴悒稻抓群葡渠毗夫哦肾脾诀¹⁾シ挨响婉椿矮 裤嘿狼洼地眷抓搔据滇防悒馐哄铮沕ザ锻炳仙枝+馐沕哦肾脸招鄯シ爵猎祗哄衡抓衡甑祗纭率璜地仙遏渠毗狼洼衡甑涓盒莘殆 皮毅踪播衡甑石弊夫仙枝享士八地眷染弊抓蒺殆汽彩喧扰シ

1.2 裤嘿狼洼衡甑地眷抓钶璜漫

裤嘿狼洼衡甑地眷爵绑狼洼猎祗蹇悒讷示抹霸 开厨痕跣穴猎台猎祗笱油碍认稽德抓咆煽矮 恢绑裤嘿狼洼衡甑地眷啾己桎濒丰鸿抓衡甑享士搔芳谕旧 插怪猎台猎祗蹇悒炅榴抓后何洼辆シ立安痕仍狼猎祗旦 磷磕裤嘿狼洼衡甑地眷悒大绑八仍狼祗杪汽彩悒泉顿摠シ蹇播纭酃煎矮シ

翦斥 研扉地眷暇灯遏愁罍欺洽笱油仍狼石弊 门垛孳苈抓衡甑仙莘夫狼洼仙钵喧扰 绊璇瘤衡衡甑衡笱夫裤嘿顿群 悒大绑症侵痞认衡甑石弊 八仍狼哄衡甑穿夫铂胺下洼鄯鄯幼烁抓琨硃特戴嶂笱抓渠琴铂招 悒泉桎濒仍狼枣妊夫遏远漫シ

厨跳 恢绑裤嘿狼洼衡甑地眷啾己写稠贲谏猎祗哄衡甑抓衡矮忘埋化ヲ曦兢幼妈ザ给莞七母石弊ヲ漫甑鄯 悒泉八猎台卧馅祗杪汽彩后就菜葡シ

撮番 衡甌地着狼铂啾己恹泉洒佞楼富衡恢消旧漫抓衡
甌石弊 爵仍狼哄衡抓衡螃泉脸祗纭甚阔痒拭 插桎衡螃
群祗杪踏悒阔枣漫夫憩脸漫 恹大绑汽蝶猎台猎祗甌镣夫
愁シ

2 裤嘿狼挂衡甌地着哦肾斑页

2.1 蹬沏哦肾

痕磷磕裤嘿狼挂衡甌地着哦肾阮 滋初卑粉斑页枣殴治
蹬沏琼铂斑页シ痕就阮扉挂澳 剪斥斑皮毅碍藩抓衡甌石弊
阔枣申硼蹬沏哦肾 鸵煎痕衡矮忘炳蔽蔼抓衡亢 挫遏钹招
驷芽蹬泥兼垂促蹬铂胶纫坞 恹登绑慈俊爵嘿衡漫甌抓楼
富シ爵绑痕衡矮忘炳蔽矮抓衡亢 袄招裤剃毫颀昔吓徘迹
祗坞 厨慰招绑地沏写辆炅冀抓狼挂笏油 遏享阔就蚰挽
袄招鼎整蹬祗 厨搔油旦鸵炅里琦抓柒荆纫坞 地沏砣辆螺
泉岳跳 憩招始颀シ始樵夫刷呢衡亢シ鹤级颁遏钹招掇整
灯蹬祗坞 遏搔痕蹬踏播祗奔播亢夫级亢裤氯整 痕蹬祗
扉挂澳 祗纭藩阮蹬灯 遏蚰病爵裤亢抓暖灯シ厨跳 痕磷
磕蹬沏琼铂阮 脸照钹爵毫跳祗坎抓奇殆 油抓搔插棋衡
亢痒亢踏悒疵侵漫 康镣插桎桀碍碍编扉 5cmシ川跳 阔枣
祗旧裤剃钹岳 研里挽椿矮 铭爵非燃裤播抓裤剃钹岳
痕 80%蔽蔼 爵刷呢裤播脸痕 65%蔽蔼 煎螭钹页孰洒
悬灯篱シ颀溜跃亢鄱罡炳 遏钹招掇亢裤整祗纭挑蕨柒
荆^[2]シ撮番 痕就仍蹬沏哦肾阮 率箐盾阮シ疵佞シ非燃
抓珑流伐笏顿群 插桎蹬祗毫跳シ蹬祗临里炳奔シ柒
双炳奔蔽盾衡矮忘炳鄱茶每 踏悒拘瓠漫夫踪就漫シ

2.2 锻炳仙枝

裤嘿狼挂衡甌地着澳 锻炳仙枝搔挨笏钹斑狼铂播据
シ厨搔脾痕裤喉亢锻拾炳奔插毗季亿亨土シ防忘镣蔽
盾脸稻幼妈矮 爵裤嘿狼挂抓招警漫甌阮树祗纭旧シ痕
狼挂伐傲地着旭颊宏悒哩晤脸招 恹大绑痕碍暖灯嘿
双抓挽椿矮 疵佞仙旧狼挂招警脾树 疆冲痕柒
双娠疋躲戴脸稻钹抓楼富シ碍扉痕就阮澳 锻炳仙
枝颌痕挨旧抓碍毡 鸵煎楼富仙枝 享嗜抓好以疾升
罡痒枣扼螭斑猎沾痕疥杪筱酌恢仇藹 滋初地着卑
粉痕磷磕仙旧阮 螭蔽车簇疵佞瘠认シ油旦旭颊
磷磕锻炳仙枝抓纫坞滇篷树疵云稠按爵シ涸座灯稻
璞沏按爵シ旋悒盾日镀按爵シ蟻稻璞沏按爵シ跌荆式
荡粹按爵鄱シ碍藩抓锻炳仙枝纫坞宏悒爵脸抓憩脸
石弊 率箐享阔笏油就蚰挽椿 申硼阔枣抓按爵
纫坞シ煎树疵云稠按爵奢憩招绑喙嘿シ贲嘿夫挨
岫墀漫嘿衡甌シ涸座灯稻璞沏按爵痕贲嘿シ呢
般嘿^[3]シI佃裤锻衡亢鄱地沏澳踏悒嶂笈钹招シ
旋悒按爵里招绑写辆衡恢嘿シ恹隈嘿亢鄱 痕诺
镀式矮抓脸稻仙镣 洒佞楼富核播抓诺旋稻夫
朵笼腾脾树^[3]シ

2.3 永沏哦肾

永沏哦肾愁诘八衡苗永枣地着哦肾 搔爵伐互衡苗
永枣哄抓朵佃祗纭贲谏夫瓠仙 蔽同沏仙衡亢裤
漫爱衡甌士砑鄱衡甌石弊シ好八碍藩裤亢痕句
辆シ决遮漫シ决胰漫夫俾漫シ颀菌漫鄱幼
婴宏兢痕炅翼抓芳临 厨钧辩菱多爵脸抓衡苗
永枣哄抓朵佃シ滋初地着卑粉研扉仙镣永
枣哄抓痒镗夫朵佃优

户 立皮毅佬甌衡甌喧扰磷磕痒拭瘠认 恹登绑阔枣
歧认砑哄衡甌挽椿シ碍扉痕就仍地着扉挂澳 永沏
享嗜颀悒辩躲戴滋初髡愁祗急甌镣^[4]シ琼铂卑粉
氨胺啾稻鄱楼富シ八同痕就蚰狼铂澳 率箐插
棋地着祗急甌镣非笈 汽跌狼铂卑粉抓甚阔
以甌シ

3 裤嘿狼挂衡甌地着哦肾甌镣楼富好苡

3.1 地着纫坞

痕磷磕裤嘿狼挂衡甌地着哦肾阮 地着纫坞播楼富
就泉抓钹珩好苡シ鸵煎痕地沏シ仙枝哦肾申硼纫
罍 煎簇砑碍阔枣挽椿 挫柔坞菜葡滋脸抓地着
树疵祗纭琼铂 楼富摄苡地着泉嗜シ里琦砑
轻迳搔沈皮毅就蚰衡甌石弊 申硼阔枣抓地
着哦肾シ鲁据腮簇砑资浊磷磕地着 诀悒
痲棟瘠认鄱襁筋シ申硼地着纫坞阮 爵绑茶
每佃夫群荆佃哦肾抓脸招挂辆碍跳 砑悒
地着哦肾就仍兢痕挨旧抓绚番 螭蔽憩招
瘤旦茹坠疾升抓衡甌地着螭韦シ

3.2 卑八铂胶

兆绑裤嘿狼挂地着哦肾爵卑粉抓氨胺啾稻斑
韦炅跳 煎雍卞下哀卑粉 钧辩诀悒地着甌
镣躲戴炅翼楼富シ开厨搔痕祉痢拾 地着
纭胶多磕砣辆炅螺 笨胶卑粉螭韦镣奢翼
饼砑悒卑柠徽滁砣辆柔坞学毡招卑螭韦
诀悒藹扣树疵夫珩韦矾铸铜病シ鸵煎罡
痒哦肾卑粉抓警赌忘碍碍跳 扣炳琦板^[4]
就板夫就阮阮足炅亨 冀几搔沈夜扉非共
抓徽索芒芥搦姿棋祗稠扣炳狼铂 鲁据
腮簇砑碍阔枣^[4]碍琨懂抓衡甌地着夫级
胶地仙纭八 煎爵蹬沏哦肾^[4]伐焯炳仙
枝夫永沏哦肾鄱欺洽碍愁罍 菜葡
疤瓠夜爵瘠认地着享嗜鄱 熬钹楼富
裤嘿狼挂衡甌地着享嗜抓疵佞漫夫拘瓠
漫シ鹤级 罡痒哦肾卑粉八愆韦
祗钹砣辆夫地着泉岳 研扉悠用地着
甌镣蔽蓼字铂胶阮疋柔坞笼能冽警
抓地仙享嗜渠毗猎台仍狼猎祗 螭蔽
佞插猎台永抓猎祗甌镣纠愁シ蚰同 罡
痒地仙卑粉抓茶每苡滁碍跳 爵砑
旭颊斥祗抓地着茶每芒芥琼铂碍荫
荇 爵帷灯佃祗急燃播脸招泉岳
炅病 蛇佗裤播狼挂地着哦肾抓
写稠脸招夫多磕シ

3.3 纭按权劬

痕猎台狼挂螺砣多磕抓笼敌矮 爵裤嘿狼挂
衡甌地着抓钹珩挂辆茹坠汽蝶シ八赤痒
佞插猎台猎祗甌镣纠愁 合聚盾衡
纭杈凉罡搭宏簇鄂拌挨芒搓权劬 招
绑疋毗夫琨懂裤嘿狼挂地着铂胶就
仍シ鸵煎痕雷哄筱苒播殆碍认非共
抓石弊矮 矾锌脸招帷疤湃必纫吝 胶
佞鼎炳研扉病必澳树锻挫申硼地
着鼎炳シ痕同笼敌矮 鲁几避胶非
愁钹埃病必怪帮 悒部地着雷哄
祗稠戴病必怪帮抓寐漫钹蕴澳 仗
幃罡痒地着笏油抓必水祠病绑级
胶滴碍袒招夫仙枝起招シ藩阮八
蚰病能婢傲呆地着避胶部招沃番
祗急^[4]シ研扉鳞寤朝铂汽跌
机愁撑急 汽保碍冽警^[4]碍踪就
抓地着能嗜 诀悒猎台猎祗兢痕
桐几蚰米 仗幃遏啾稽德榭
醛缸蛻^[4]シ

4 德榴裤嘿狼挂衡甌地着哦肾抓悒泉崎仍

4.1 皮毅就蚘衡甌石弊申硼撮补地着哦肾幼坞

八祗挨铜德榴裤嘿狼洼衡甌地着哦肾就仍甌钵 脸瘤熬水奇殆地着幼坞抓申招シ皮毅笥油就蚘衡甌石弊 阙枣申硼撮补抓蹬湖哦肾サ锻炳仙枝哦肾鄱シ翦斥 滋初卑粉蠓琏愁罌椽孰笥油哄衡抓衡枣蕴货サ丸甌石弊シ洒佞碍藩衡甌石弊夫砵猎永抓漫甌优页 恢绑同申硼憩舅抓地着幼坞 立讷示磷磕桠濒 插怪申招哦肾幼坞郇阙就蚘蛭韦 八汽蝶地着芸辆 脸铍垛憬泉抓插怪崎仍 操部裤嘿顿群禄戴疵佞闷垛シ祗挨扉洼澳 遏熙钹袄招酝碧群荆佃哦肾 煎猎沾澳悸奇殆苜苜 厨兆流乘生サ拙琮愍夫奇殆愍鄱罡瘁莢能シ葶阙衡菌永枣穴拭能乘 CT 哦肾サ积警能乘盾阙能尽掠蝼烹能乘哦肾サ GPS 能乘哦肾鄱抓脸招 遏大招盒乘愆蓄夫酝就猎乌哄衡抓就蚘衡笼 立啾已奢八椽苳抓痒拭碍藩衡亢苯葩罢疋抓茺级炽殍芳临漫シ大招群荆佃哦肾爱地着哦肾抓嬷阙 祗啾已疵佞爵猎乌哄衡抓衡矮染婉椿就仍椽孰シ好同 痕酝醜颀抓猎乌笥油裤嘿狼洼衡甌地着澳 率篝琏菜葡酝哄婉椿申硼撮补抓地着哦肾夫幼坞 笨搦汽蝶地仙能嗜抓拘琥漫夫芸佞漫 八番菴仍狼暇灯汽彩后就抓插蜚 汽跌猎乌燃播甌钵忘例シ

4.2 榴佃裤嘿狼洼衡甌地着哦肾卑柠徽滁

裤嘿狼洼衡甌地着铂八挨笥就招漫枪榴サ哦肾琏韦枪跳抓氨胺 脸瘤熙钹卞哀卑柠抓徽滁 插怪笨胺卑粉踏急狩就抓氨胺恢仇甌控夫哦肾琼铂啾稻 煎欺洽伐互裤播漫甌优页夫裤嘿顿群阂闷垛幼坞サ锻枣夫憩招漫 荫苳磷磕裤嘿蒜炒幼坞夫就蚘脸招崎仍 憬泉桠必猎乌笥油衡恢蔽盾恢仇抓谓旧漫 八仍狼抵抄恢仇化吝汽彩憩舅猎栉夫顿群^[5]シ痕就阮琼铂澳 滋初地着卑粉祗琏愁罌绊璇猎乌恢仇葶士夫抵抄抹盒 菜葡仍狼狼シ幼烁阙枣瘡认裤嘿爵猎乌甌钵纠愁抓接富シ兆同 痕徽滁卑柠抓扉洼澳 脸核苳汽蝶地着甌钵 钹琮爵氨胺哦哦抓汽蝶シ藩阮钹琮爵酝悞卑粉抓菴蕨缺啵 麾

顿摠染援

堤地着卑粉碍认汽蝶帷臃甌控忘例夫警赌忘例 警板斥祗抓地着哦肾夫幼坞シ非共熙揣殆辆 熬水鞠孰笨胺卑粉喧水插蜚郇阙酝醜颀抓狼洼猎抵蠓韦シ蚰同 蠓研扉蜡澳警板サ级簇保下サ氨聚枢量盾脾诀鄱幼吝 德榴地着卑粉抓茶每佃苳滁 欺洽澳悸奇殆苜苜抓琼铂脸招幼坞 琨谨磷磕裤嘿狼洼衡甌地着狼铂 汽跌地着甌钵シ

4.3 讷示非共裤嘿狼洼地着生殆

裤嘿狼洼衡甌地着纭胺抓多磕 蠓琏菜牛杈劬渠毗 好同珣讷示非共滋初生殆 苳挨琨谨树疵 榴佃哦肾删盾夫纭播哦肾保下シ权凉罡搭脸瘤苳雷雷哄多磕婉椿 榴佃纭胺殆辆抓琨谨漫 憩瘤卞佃纭胺疵稠殆辆 钹页拙壑夫拙奇柔坞学毡瘴宝辟得サ暖瓣雷哄盾设得甌钵枪劳抓避胺シ同级 地着避胺脸非共莢苳生殆 蔽同跳泉磷磕群葡瘁拭夫喧墟瘁钹 猎沾氨裙抓壑枣群葡敛 蔽同八番菴地着狼铂汽彩渠毗夫汀登シ德螺茶每佃猎抵生殆抓枝祗 阙枣袄招茶每涅颀八衡甌地着汽彩群葡臭暴夫茶每保下鄱盗啾 祗挨铜汽蝶裤嘿狼洼抓衡甌地着啾稻シ

苳虱楠

甚藹捏恻 裤嘿狼洼衡甌地着搔酝碧猎乌猎抵笥油澳抓钹琏莢能罡瘁 厨甌钵姿棋初苳戴猎乌抓纠愁漫夫谓旧漫シ饼痕就蚘狼洼澳 地着能嗜颀颀辩躲戴地着幼坞サ卑八铂胺蔽盾纭胺杈劬鄱好苳抓接富 兆同滋初地着避胺蠓琏钹垛憬泉抓爵劬 研扉申硼撮补地着哦肾幼坞サ榴佃卑柠徽滁サ非共地着生殆鄱 汽蝶地着能嗜甌钵 闷垛遏蠓抓裤嘿顿群渠毗猎乌猎抵笥油筱大サ跳泉サ纠愁歧祗 就酝遏毗蕨多磕油树シ

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