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设计者 倪智勇 1994. 11. 18 于北京

乃 隆 工 区 物 探 点 座 标

---LINE A---

XY CHANGE BL

PN=100000 * 点
 L1= 87
 L2= 87
 X1= 3138046.64
 Y1=15779940.75
 B= 28.19372081
 L= 89.511437

PN=100475.03
 L1= 87
 L2= 87
 X1= 3138492.3
 Y1=15780105.81
 B= 28.19515397
 L= 89.51208086

PN=111225
 L1= 87
 L2= 87
 X1= 3149214.13
 Y1=15780946.18
 B= 28.25387321
 L= 89.5200979

PN=119269.52
 L1= 87
 L2= 87
 X1= 3157256.54
 Y1=15780646.15
 B= 28.29588738
 L= 89.51570101

PN=103087.5 * 点
 L1= 87
 L2= 87
 X1= 3141097.89
 Y1=15780309.57
 B= 28.2115915
 L= 89.51305443

PN=105887.5 * 点
 L1= 87
 L2= 87
 X1= 3143890.61
 Y1=15780528.41
 B= 28.22463488
 L= 89.51410023

PN=119575
 L1= 87
 L2= 87
 X1= 3157562.95
 Y1=15780635.78
 B= 28.30098223
 L= 89.51568974

PN=121575
 L1= 87
 L2= 87
 X1= 3159537.08
 Y1=15780311.4
 B= 28.31141174
 L= 89.5146716

PN=125575
 L1= 87
 L2= 87
 X1= 3163373.56
 Y1=15779175.64
 B= 28.33194576
 L= 89.51083523

PN=127575
 L1= 87
 L2= 87
 X1= 3165362.08
 Y1=15779396.37
 B= 28.34237976
 L= 89.5118205

PN=130350
 L1= 87
 L2= 87
 X1= 3168090.46
 Y1=15778885.4
 B= 28.35527056
 L= 89.51018158

PN=130825
 L1= 87
 L2= 87
 X1= 3158544.18
 Y1=15778744.38
 B= 28.3607534
 L= 89.50570295

PN=131100
 L1= 87
 L2= 87
 X1= 3168819.17
 Y1=15778751.91
 B= 28.36164493
 L= 89.50575471

PN=131925
 L1= 87
 L2= 87
 X1= 3169619.48
 Y1=15778357.51
 B= 28.3642221
 L= 89.51058059

PN=133475
 L1= 87
 L2= 87
 X1= 3170851.32
 Y1=15779898.17
 B= 28.37214866
 L= 89.51414724

PN=133675
 L1= 87
 L2= 87
 X1= 3171014.79
 Y1=15780013.56
 B= 28.37267
 L= 89.51458589

PN=134650
 L1= 87
 L2= 87
 X1= 3171967.56
 Y1=15780222.38
 B= 28.37574464
 L= 89.51543766

PN=136200
 L1= 87
 L2= 87
 X1= 3173299.39
 Y1=15781016.67
 B= 28.3840033
 L= 89.52247606

PN=137950
 L1= 87
 L2= 87
 X1= 3174829.61
 Y1=15781635.72
 B= 28.39291903
 L= 89.52488828

PN=138300
 L1= 87
 L2= 87
 X1= 3175143.38
 Y1=15781958.58
 B= 28.39391162
 L= 89.53010362

PN=138950
 L1= 87
 L2= 87
 X1= 3175598.74
 Y1=15782422.88
 B= 28.39535239
 L= 89.53185178

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物探点座标

工区

第 2 页

PN=139750
 L1= 87
 L2= 87
 X1= 3176159.17
 Y1=15782994.32
 B= 28.40112551
 L= 89.53400355

X	Y	高程	备注

PN=141500
 L1= 87
 L2= 87
 X1= 3177768.72
 Y1=15783683.13
 B= 28.41029257
 L= 89.54068113

X	Y	高程	备注

PN=142400
 L1= 87
 L2= 87
 X1= 3178669.87
 Y1=15783699.79
 B= 28.4132113
 L= 89.54082301

X	Y	高程	备注

PN=143000... 尾端
 L1= 87
 L2= 87
 X1= 3179268.96
 Y1=15783710.75
 B= 28.4151571
 L= 89.54091707

X	Y	高程	备注

PN=138875 尾端
 L1= 87
 L2= 87
 X1= 3175546.16
 Y1=15782369.19
 B= 28.39518604
 L= 89.53164962

X	Y	高程	备注

PN=142575 尾端
 L1= 87
 L2= 87
 X1= 3178843.9
 Y1=15783722.99
 B= 28.41377884
 L= 89.54085045

X	Y	高程	备注

PN=142675 尾端
 L1= 87
 L2= 87
 X1= 3178943.91
 Y1=15783704.82
 B= 28.41410312
 L= 89.54086614

X	Y	高程	备注

19 年 月 日

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物 探 点 座 标

---LINE AC---

XY CHANGE BL

PN=103550

L1= 87

L2= 87

X1= 3160197.01

Y1=15779086.31

B= 28.31364737

L= 89.51022932

PN=104025

L1= 87

L2= 87

X1= 3160205.04

Y1=15779561.37

B= 28.31363675

L= 89.51197508

PN=109256.13

L1= 87

L2= 87

X1= 3160567.19

Y1=15784781.31

B= 28.31440442

L= 89.54318147

PN=106737.5

L1= 87

L2= 87

X1= 3160392.72

Y1=15782269.08

B= 28.31403541

L= 89.52593421

PN=109625

L1= 87

L2= 87

X1= 3160592.75

Y1=15785149.39

B= 28.31445834

L= 89.5445358

PN=109725

L1= 87

L2= 87

X1= 3160599.68

Y1=15785249.18

B= 28.31447295

L= 89.54490297

PN=103025

L1= 87

L2= 87

X1= 3160024.77

Y1=15778590.23

B= 28.31312683

L= 89.50439201

PN=100025

L1= 87

L2= 87

X1= 3160124.11

Y1=15775591.16

B= 28.31367882

L= 89.48538382

PN=102825

L1= 87

L2= 87

X1= 3160031.39

Y1=15779390.29

B= 28.31316369

L= 89.50365814

PN=109825

L1= 87

L2= 87

X1= 3152606.61

Y1=15785348.97

B= 28.31448756

L= 89.54527014

高程 备注

青透
反CDP次

青偏透

尾偏透

尾透

反CDP次

浪卡子工区 探点座标

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--LINE B--

XY CHANGE BL

PN=102525
 L1= 93
 L2= 93
 X1= 3177667.37
 Y1=16253727.69
 B= 28.41272243
 L= 90.28497652

PN=112875
 L1= 93
 L2= 93
 X1= 3187599.17
 Y1=16254760.33
 B= 28.46502167
 L= 90.2920061

PN=122850
 L1= 93
 L2= 93
 X1= 3194929.06
 Y1=16248158.87
 B= 28.50434716
 L= 90.25110574

PN=104075
 L1= 93
 L2= 93
 X1= 3179168.92
 Y1=16253340.94
 B= 28.42156839
 L= 90.28343629

PN=114375
 L1= 93
 L2= 93
 X1= 3188599.11
 Y1=16253641.76
 B= 28.47218959
 L= 90.28380801

PN=123650
 L1= 93
 L2= 93
 X1= 3195409.67
 Y1=16247519.11
 B= 28.50586143
 L= 90.24470942

PN=107550
 L1= 93
 L2= 93
 X1= 3182601.57
 Y1=16253890.21
 B= 28.44074495
 L= 90.28519083

PN=115475
 L1= 93
 L2= 93
 X1= 3189332.43
 Y1=16252821.49
 B= 28.47451258
 L= 90.28072902

PN=124875
 L1= 93
 L2= 93
 X1= 3195810.35
 Y1=16246361.33
 B= 28.51107943
 L= 90.24041015

PN=108275
 L1= 93
 L2= 93
 X1= 3183238.15
 Y1=16254237.71
 B= 28.44283447
 L= 90.2904207

PN=116675
 L1= 93
 L2= 93
 X1= 3190098.85
 Y1=16251897.77
 B= 28.48093557
 L= 90.27326595

PN=125300
 L1= 93
 L2= 93
 X1= 3196003.72
 Y1=16245982.79
 B= 28.51167994
 L= 90.23499939

PN=110425
 L1= 93
 L2= 93
 X1= 3185253.78
 Y1=16254988.19
 B= 28.45342653
 L= 90.2930275

PN=117125
 L1= 93
 L2= 93
 X1= 3190299.83
 Y1=16251495.06
 B= 28.48155977
 L= 90.27176654

PN=126050
 L1= 93
 L2= 93
 X1= 3196413
 Y1=16245354.13
 B= 28.51296312
 L= 90.23264924

PN=111975
 L1= 93
 L2= 93
 X1= 3186796.69
 Y1=16255142.31
 B= 28.4624438
 L= 90.29347533

PN=117800
 L1= 93
 L2= 93
 X1= 3190773.01
 Y1=16251013.45
 B= 28.48306167
 L= 90.26599489

PN=126700
 L1= 93
 L2= 93
 X1= 3196850.83
 Y1=16244873.5
 B= 28.51434939
 L= 90.23084222

PN=112350
 L1= 93
 L2= 93
 X1= 3187159.75
 Y1=16255047.91
 B= 28.46361545
 L= 90.29309946

PN=122125
 L1= 93
 L2= 93
 X1= 3194399.47
 Y1=16248654.29
 B= 28.50266368
 L= 90.25297384

PN=127325
 L1= 93
 L2= 93
 X1= 3197271.84
 Y1=16244411.36
 B= 28.51568235
 L= 90.22510459

物 探 点 座 标

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PN=128600
 L1= 93
 L2= 93
 X1= 3198276.15
 Y1=16243625.29
 B= 28.52288454
 L= 90.22212518

PN=129300
 L1= 93
 L2= 93
 X1= 3198827.55
 Y1=16243193.73
 B= 28.52464257
 L= 90.22048924

PN=129550
 L1= 93
 L2= 93
 X1= 3199024.48
 Y1=16243039.61
 B= 28.52527043
 L= 90.21590496

PN=131075
 L1= 93
 L2= 93
 X1= 3200304.72
 Y1=16242210.14
 B= 28.53336438
 L= 90.21274196

PN=131300
 L1= 93
 L2= 93
 X1= 3200529.51
 Y1=16242198.64
 B= 28.5340929
 L= 90.21268108

PN=131550
 L1= 93
 L2= 93
 X1= 3200768.59
 Y1=16242272.04
 B= 28.53487392
 L= 90.21293205

PN=132575
 L1= 93
 L2= 93
 X1= 3201682.42
 Y1=16242737.12
 B= 28.54187254
 L= 90.21457178

PN=136525
 L1= 93
 L2= 93
 X1= 3204995.58
 Y1=16244890.35
 B= 28.56077742
 L= 90.23024148

PN=138125
 L1= 93
 L2= 93
 X1= 3206049.89
 Y1=16246094.5
 B= 28.56428446
 L= 90.23459732

PN=139000
 L1= 93
 L2= 93
 X1= 3206826.32
 Y1=16246498.65
 B= 28.57083255
 L= 90.2400252

PN=140000
 L1= 93
 L2= 93
 X1= 3207692.87
 Y1=16246998.46
 B= 28.57367983
 L= 90.24179888

PN=140725
 L1= 93
 L2= 93
 X1= 3208321.11
 Y1=16247360.93
 B= 28.57574405
 L= 90.24308499

PN=140950
 L1= 93
 L2= 93
 X1= 3208538.79
 Y1=16247418.08
 B= 28.58045442
 L= 90.24327865

PN=141275
 L1= 93
 L2= 93
 X1= 3208856.02
 Y1=16247346.92
 B= 28.58147867
 L= 90.2429904

PN=141625
 L1= 93
 L2= 93
 X1= 3209097.97
 Y1=16247093.89
 B= 28.58224571
 L= 90.2420372

PN=142125
 L1= 93
 L2= 93
 X1= 3209514.63
 Y1=16246817.23
 B= 28.58357791
 L= 90.2409826

PN=142800
 L1= 93
 L2= 93
 X1= 3210178.49
 Y1=16246693.73
 B= 28.58572309
 L= 90.24047302

PN=143100
 L1= 93
 L2= 93
 X1= 3210466.07
 Y1=16246607.95
 B= 28.59065007
 L= 90.24013314

PN=144050
 L1= 93
 L2= 93
 X1= 3211303.77
 Y1=16246159.25
 B= 28.59333603
 L= 90.23440919

PN=144700
 L1= 93
 L2= 93
 X1= 3211876.94
 Y1=16245852.25
 B= 28.59517378
 L= 90.23322952

PN=145200
 L1= 93
 L2= 93
 X1= 3212376.57
 Y1=16245920.71
 B= 29.0007932
 L= 90.23310193

物 探 点 座 标

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裝
訂
線

PN=145350
 L1= 93
 L2= 93
 X1= 3212526.46
 Y1=16245821.65
 B= 29.00127903
 L= 90.23306365

PN=145800
 L1= 93
 L2= 93
 X1= 3212959.86
 Y1=16245699.97
 B= 29.00267652
 L= 90.2325792

PN=146325
 L1= 93
 L2= 93
 X1= 3213482.51
 Y1=16245648.28
 B= 29.0043686
 L= 90.23234576

PN=146450
 L1= 93
 L2= 93
 X1= 3213589.13
 Y1=16245713.61
 B= 29.00471924
 L= 90.23257821

PN=146950
 L1= 93
 L2= 93
 X1= 3213911.71
 Y1=16246095.83
 B= 29.00579327
 L= 90.23396277

PN=147825
 L1= 93
 L2= 93
 X1= 3214436.22
 Y1=16246521.06
 B= 29.01152554
 L= 90.23548975

PN=147775
 L1= 93
 L2= 93
 X1= 3214582.74
 Y1=16246553.45
 B= 29.01200325
 L= 90.2355974

PN=147900
 L1= 93
 L2= 93
 X1= 3214705.04
 Y1=16246527.38
 B= 29.01239821
 L= 90.23549121

PN=148250
 L1= 93
 L2= 93
 X1= 3215000.53
 Y1=16246339.61
 B= 29.01384353
 L= 90.23477398

PN=100025 *省道*
 L1= 93
 L2= 93
 X1= 3175168.42
 Y1=16253803.06
 B= 28.40061851
 L= 90.28544799

PN=103112.5 *省道*
 L1= 93
 L2= 93
 X1= 3178254.69
 Y1=16253712.42
 B= 28.41462723
 L= 90.28487465

PN=105912.5 *省道*
 L1= 93
 L2= 93
 X1= 3180983.9
 Y1=16253631.33
 B= 28.43147789
 L= 90.28436378

PN=148250 *不位号 带中夹子及3号*
 L1= 93
 L2= 93
 X1= 3215000.56
 Y1=16246339.61
 B= 29.01334362
 L= 90.23477397

PN=148625
 L1= 93
 L2= 93
 X1= 3215365.38
 Y1=16246426.49
 B= 29.01453354
 L= 90.235065

PN=148750
 L1= 93
 L2= 93
 X1= 3215458.92
 Y1=16246509.42
 B= 29.01484298
 L= 90.23536354

PN=148925
 L1= 93
 L2= 93
 X1= 3215632.94
 Y1=16246528.1
 B= 29.01540894
 L= 90.23541834

PN=149450
 L1= 93
 L2= 93
 X1= 3216133.49
 Y1=16246686.55
 B= 29.02104437
 L= 90.23596259

PN=149850
 L1= 93
 L2= 93
 X1= 3216524.66
 Y1=16246770.29
 B= 29.02231955
 L= 90.24023993

PN=150300
 L1= 93
 L2= 93
 X1= 3216973.92
 Y1=16246796.76
 B= 29.02377912
 L= 90.24030111

PN=150975
 L1= 93
 L2= 93
 X1= 3217641.89
 Y1=16246699.22
 B= 29.02593945
 L= 90.23588658

PN=152225
 L1= 93
 L2= 93
 X1= 3218847.43
 Y1=16246368.38
 B= 29.03382725
 L= 90.23456663

物 探 点 座 标

装 订 线

PN=153175
 L1= 93
 L2= 93
 X1= 3219775.87
 Y1=16246166.7
 B= 29.0408252
 L= 90.23374603

PN=153550
 L1= 93
 L2= 93
 X1= 3220139.82
 Y1=16246076.19
 B= 29.04199957
 L= 90.23338202

PN=154050
 L1= 93
 L2= 93
 X1= 3220594.57
 Y1=16246284.12
 B= 29.04349997
 L= 90.23411283

PN=154075
 L1= 93
 L2= 93
 X1= 3220617.8
 Y1=16246293.37
 B= 29.04356601
 L= 90.2341451

PN=154125
 L1= 93
 L2= 93
 X1= 3220666.24
 Y1=16246280.98
 B= 29.04372228
 L= 90.23409538

PN=154375
 L1= 93
 L2= 93
 X1= 3220885.44
 Y1=16246160.71
 B= 29.04442486
 L= 90.23363326

PN=154450
 L1= 93
 L2= 93
 X1= 3220935.46
 Y1=16246104.82
 B= 29.04458314
 L= 90.23382274

PN=155000
 L1= 93
 L2= 93
 X1= 3221246.27
 Y1=16245650.98
 B= 29.04555897
 L= 90.23172101

PN=155550
 L1= 93
 L2= 93
 X1= 3221683.22
 Y1=16245316.85
 B= 29.05095262
 L= 90.23045102

PN=156500
 L1= 93
 L2= 93
 X1= 3222421.75
 Y1=16244719.15
 B= 29.05330569
 L= 90.22418254

PN=156900
 L1= 93
 L2= 93
 X1= 3222662.19
 Y1=16244399.42
 B= 29.0540627
 L= 90.22298167

PN=157900
 L1= 93
 L2= 93
 X1= 3223200.05
 Y1=16243612.99
 B= 29.06001037
 L= 90.22002553

PN=158700
 L1= 93
 L2= 93
 X1= 3223873.26
 Y1=16243076.11
 B= 29.06189603
 L= 90.21999306

PN=159525
 L1= 93
 L2= 93
 X1= 3224313.66
 Y1=16242378.38
 B= 29.06327407
 L= 90.21137002

PN=157300 *尾端送*
 L1= 93
 L2= 93
 X1= 3222909.34
 Y1=16244084.86
 B= 29.05484181
 L= 90.22179929

PN=159900 *尾端送*
 L1= 93
 L2= 93
 X1= 3224555.21
 Y1=16242091.48
 B= 29.06403683
 L= 90.21029878

PN=159975 *尾端*
 L1= 93
 L2= 93
 X1= 3224600.52
 Y1=16242034.1
 B= 29.06418938
 L= 90.21008277

第八井二区 物探点座标

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---LINE C---

XY CHANGE BL

PN=100025
 L1= 93
 L2= 93
 X1= 3295318.1
 Y1=16246377.26
 B= 29.4459298
 L= 90.22425113

PN=100900
 L1= 93
 L2= 93
 X1= 3296180.43
 Y1=16246228.3
 B= 29.45271638
 L= 90.22362443

PN=101425
 L1= 93
 L2= 93
 X1= 3296700.63
 Y1=16246156.99
 B= 29.45439876
 L= 90.22331529

PN=101950
 L1= 93
 L2= 93
 X1= 3297208.24
 Y1=16246291.24
 B= 29.46005545
 L= 90.22377154

PN=102625
 L1= 93
 L2= 93
 X1= 3297883.17
 Y1=16246276.73
 B= 29.462244
 L= 90.2236605

PN=104200
 L1= 93
 L2= 93
 X1= 3299212.54
 Y1=16245431.81
 B= 29.47049423
 L= 90.22040566

PN=104775
 L1= 93
 L2= 93
 X1= 3299718.82
 Y1=16245159.08
 B= 29.47211647
 L= 90.2153483

PN=105175
 L1= 93
 L2= 93
 X1= 3300092.65
 Y1=16244992.76
 B= 29.47328445
 L= 90.21469875

PN=106500
 L1= 93
 L2= 93
 X1= 3301118.64
 Y1=16244166.52
 B= 29.4805838
 L= 90.2115372

PN=107500
 L1= 93
 L2= 93
 X1= 3302033.51
 Y1=16243762.51
 B= 29.48352171
 L= 90.20595613

PN=108700
 L1= 93
 L2= 93
 X1= 3303189.18
 Y1=16243435.3
 B= 29.49124314
 L= 90.20463994

PN=109375
 L1= 93
 L2= 93
 X1= 3303854.32
 Y1=16243325.76
 B= 29.49339596
 L= 90.20417526

PN=110500
 L1= 93
 L2= 93
 X1= 3304974.55
 Y1=16243430.74
 B= 29.50103794
 L= 90.20446972

PN=111475
 L1= 93
 L2= 93
 X1= 3305930.77
 Y1=16243576.15
 B= 29.50417684
 L= 90.20492806

PN=112375
 L1= 93
 L2= 93
 X1= 3306765.37
 Y1=16243932.44
 B= 29.51088504
 L= 90.21018306

PN=113250
 L1= 93
 L2= 93
 X1= 3307620.01
 Y1=16244120.59
 B= 29.51367164
 L= 90.21081005

PN=114350
 L1= 93
 L2= 93
 X1= 3308695.92
 Y1=16244350.23
 B= 29.52117912
 L= 90.21157259

PN=115325
 L1= 93
 L2= 93
 X1= 3309854.99
 Y1=16244543.95
 B= 29.52495372
 L= 90.21219442

PN=116200
 L1= 93
 L2= 93
 X1= 3310504.01
 Y1=16244729.75
 B= 29.53107306
 L= 90.21283053

PN=116975
 L1= 93
 L2= 93
 X1= 3311127.78
 Y1=16245189.82
 B= 29.53313092
 L= 90.21448998

PN=117250
 L1= 93
 L2= 93
 X1= 3311399.56
 Y1=16245232.03
 B= 29.53401575
 L= 90.2146239

第 一 井 区

第 二 井 区

第 三 井 区

第 四 井 区

物 探 点 座 标

PN=117475
 L1= 93
 L2= 93
 X1= 3311617.73
 Y1=16245176.91
 B= 29.53471941
 L= 90.21440003

PN=123450
 L1= 93
 L2= 93
 X1= 3315876.57
 Y1=16242372.47
 B= 29.56356908
 L= 90.19550358

PN=117800
 L1= 93
 L2= 93
 X1= 3311920.47
 Y1=16245058.59
 B= 29.53569271
 L= 90.21393361

PN=124075
 L1= 93
 L2= 93
 X1= 3317489.62
 Y1=16242250.46
 B= 29.5653486
 L= 90.19499596

PN=118425
 L1= 93
 L2= 93
 X1= 3312474.15
 Y1=16244758.52
 B= 29.54146727
 L= 90.21280616

PN=125025
 L1= 93
 L2= 93
 X1= 3318439.7
 Y1=16242241.36
 B= 29.57262996
 L= 90.19487967

PN=119050
 L1= 93
 L2= 93
 X1= 3313017.91
 Y1=16244460.07
 B= 29.5432079
 L= 90.21161102

PN=125575
 L1= 93
 L2= 93
 X1= 3318984.33
 Y1=16242316.16
 B= 29.57440271
 L= 90.19511854

PN=122050
 L1= 93
 L2= 93
 X1= 3315627.33
 Y1=16242979.44
 B= 29.55556227
 L= 90.20187242

PN=126150
 L1= 93
 L2= 93
 X1= 3319543.47
 Y1=16242452.8
 B= 29.58022656
 L= 90.19557167

PN=122525
 L1= 93
 L2= 93
 X1= 3316026.83
 Y1=16242722.49
 B= 29.56083911
 L= 90.20088086

PN=126975
 L1= 93
 L2= 93
 X1= 3320342.58
 Y1=16242638.28
 B= 29.58283436
 L= 90.20026798

PN=122850
 L1= 93
 L2= 93
 X1= 3316304.38
 Y1=16242553.24
 B= 29.56172653
 L= 90.20022646

PN=127400
 L1= 93
 L2= 93
 X1= 3320749.65
 Y1=16242780.47
 B= 29.58416424
 L= 90.20068799

高	程	备	注
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---LINE C---

XY CHANGE BL

PN=103112.5

L1= 93

L2= 93

X1= 3298294.62

Y1=16246015.18

B= 29.4635595

L= 90.22265303

PN=108512.5

L1= 93

L2= 93

X1= 3303007.75

Y1=16243496.38

B= 29.49066162

L= 90.20484544

PN=119700

L1= 93

L2= 93

X1= 3313503.19

Y1=16244139.23

B= 29.54501804

L= 90.21036776

PN=126300

L1= 93

L2= 93

X1= 3319609.76

Y1=16242490.15

B= 29.58070069

L= 90.19569827

PN=125200

L1= 93

L2= 93

X1= 3319551.9

Y1=16242465.25

B= 29.5803846

L= 90.19561385

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物 探 点 座 标

10

---LINE D---

XY CHANGE BL

PN=105000

L1= 93

L2= 93

X1= 3310723.14

Y1=16254051.82

B= -29.53246672

L= 90.27151851

PN=106550

L1= 93

L2= 93

X1= 3312254.55

Y1=16253811.22

B= 29.54141781

L= 90.27049619

PN=107125

L1= 93

L2= 93

X1= 3312817.86

Y1=16253695.54

B= 29.54323704

L= 90.27001885

PN=109375

L1= 93

L2= 93

X1= 3314967.05

Y1=16253028.72

B= 29.55416155

L= 90.26335738

PN=110550

L1= 93

L2= 93

X1= 3316012.62

Y1=16252492.34

B= 29.56151485

L= 90.26127258

PN=111325

L1= 93

L2= 93

X1= 3316699.05

Y1=16252132.4

B= 29.56371571

L= 90.2558746

PN=112100

L1= 93

L2= 93

X1= 3317364.61

Y1=16251735.19

B= 29.56584608

L= 90.25433935

PN=112500

L1= 93

L2= 93

X1= 3317761.91

Y1=16251688.31

B= -29.57113161

L= 90.25413151

PN=112950

L1= 93

L2= 93

X1= 3318211.4

Y1=16251665.74

B= 29.57258822

L= 90.25400986

PN=113825

L1= 93

L2= 93

X1= 3319066.85

Y1=16251850.19

B= 29.57537692

L= 90.2546256

PN=113925

L1= 93

L2= 93

X1= 3319150.54

Y1=16251904.94

B= 29.57565242

L= 90.25482261

PN=114100

L1= 93

L2= 93

X1= 3319313.96

Y1=16251967.61

B= 29.58018715

L= 90.25504247

PN=115125

L1= 93

L2= 93

X1= 3320333.31

Y1=16252071.52

B= 29.58350335

L= 90.25534448

PN=115875

L1= 93

L2= 93

X1= 3321022.34

Y1=16252373.7

B= 29.58575258

L= 90.26041325

PN=117000

L1= 93

L2= 93

X1= 3321580.33

Y1=16253349.54

B= 29.59164008

L= 90.26400331

PN=118050

L1= 93

L2= 93

X1= 3321910.29

Y1=16254346.43

B= 29.59278257

L= 90.27169128

PN=119450

L1= 93

L2= 93

X1= 3322504.31

Y1=16255614.29

B= 29.59460093

L= 90.28036769

PN=120225

L1= 93

L2= 93

X1= 3323020.36

Y1=16256192.6

B= 30.00051661

L= 90.28248077

PN=121575

L1= 93

L2= 93

X1= 3324105.24

Y1=16256996.31

B= 30.00409378

L= 90.28538762

PN=122250

L1= 93

L2= 93

X1= 3324544.47

Y1=16257508.95

B= 30.00555535

L= 90.29126272

PN=122550

L1= 93

L2= 93

X1= 3324804.96

Y1=16257657.84

B= 30.01041107

L= 90.29179648

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PN=122925
 L1= 93
 L2= 93
 X1= 3325179.99
 Y1=16257654.32
 B= 30.01162756
 L= 90.29175267

PN=126325
 L1= 93
 L2= 93
 X1= 3323046.37
 Y1=16259244.75
 B= 30.0250401
 L= 90.30144904

PN=103820
 L1= 93
 L2= 93
 X1= 3309538.19
 Y1=16253935.48
 B= 29.52461541
 L= 90.27125758

PN=123275
 L1= 93
 L2= 93
 X1= 3325518.76
 Y1=16257742.42
 B= 30.01273292
 L= 90.29205341

PN=127300
 L1= 93
 L2= 93
 X1= 3329001.9
 Y1=16259439.24
 B= 30.03215398
 L= 90.30205661

PN=102850
 L1= 93
 L2= 93
 X1= 3308599.77
 Y1=16253807.58
 B= 29.52156022
 L= 90.2707844

PN=123725
 L1= 93
 L2= 93
 X1= 3325964.93
 Y1=16257801.45
 B= 30.01418467
 L= 90.292237

PN=127725
 L1= 93
 L2= 93
 X1= 3329426.81
 Y1=16259458.47
 B= 30.03353335
 L= 90.30210392

PN=102350
 L1= 93
 L2= 93
 X1= 3308103.01
 Y1=16253752.74
 B= 29.51594447
 L= 90.2706138

PN=123975
 L1= 93
 L2= 93
 X1= 3326180.89
 Y1=16257927.44
 B= 30.01489428
 L= 90.2926891

PN=128625
 L1= 93
 L2= 93
 X1= 3330305.06
 Y1=16259647.68
 B= 30.04039669
 L= 90.30276796

PN=101450
 L1= 93
 L2= 93
 X1= 3307203.32
 Y1=16253726.7
 B= 29.51302384
 L= 90.27059853

PN=124625
 L1= 93
 L2= 93
 X1= 3326793.73
 Y1=16258144.19
 B= 30.02089813
 L= 90.29344719

PN=129575
 L1= 93
 L2= 93
 X1= 3330829.31
 Y1=16260440.02
 B= 30.04215355
 L= 90.30568099

PN=100525
 L1= 93
 L2= 93
 X1= 3306279.05
 Y1=16253763.19
 B= 29.51002781
 L= 90.27081055

PN=125675
 L1= 93
 L2= 93
 X1= 3327561.19
 Y1=16258061
 B= 30.0234388
 L= 90.30005749

PN=104525
 L1= 93
 L2= 93
 X1= 3310249.64
 Y1=16254088.63
 B= 29.53093324
 L= 90.27169834

PN=100025
 L1= 93
 L2= 93
 X1= 3305794.81
 Y1=16253387.72
 B= 29.5044657
 L= 90.27131391

PN=125900
 L1= 93
 L2= 93
 X1= 3327730
 Y1=16258913.53
 B= 30.02415243
 L= 90.30023555

PN=104400
 L1= 93
 L2= 93
 X1= 3310124.96
 Y1=16254080.83
 B= 29.5305281
 L= 90.27167586

PN=129500
 L1= 93
 L2= 93
 X1= 3330843.1
 Y1=16260462.87
 B= 30.04219975
 L= 90.30575765

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---LINE DC---

XY CHANGE BL

PN=112600

L1= 93

L2= 93

X1= 3323020.36

Y1=16256192.6

B= 30.00051661

L= 90.28248077

PN=111950

L1= 93

L2= 93

X1= 3323535.04

Y1=16255795.65

B= 30.00215796

L= 90.28095876

PN=111100

L1= 93

L2= 93

X1= 3324118.45

Y1=16255177.49

B= 30.00400635

L= 90.27460631

PN=110650

L1= 93

L2= 93

X1= 3324410.52

Y1=16254835.15

B= 30.00492926

L= 90.27330598

PN=109975

L1= 93

L2= 93

X1= 3324820.86

Y1=16254325.41

B= 30.01024823

L= 90.27129649

PN=109550

L1= 93

L2= 93

X1= 3325080.34

Y1=16253962.79

B= 30.01103941

L= 90.26599832

PN=108850

L1= 93

L2= 93

X1= 3325432.29

Y1=16253357.58

B= 30.01213744

L= 90.26371313

PN=108075

L1= 93

L2= 93

X1= 3325964.97

Y1=16252794.78

B= 30.01382472

L= 90.26157009

PN=107225

L1= 93

L2= 93

X1= 3326733.29

Y1=16252431.34

B= 30.0202909

L= 90.26015082

PN=106575

L1= 93

L2= 93

X1= 3327354.64

Y1=16252242.7

B= 30.02229281

L= 90.25538799

PN=105400

L1= 93

L2= 93

X1= 3328424.65

Y1=16251755.45

B= 30.02572874

L= 90.25348883

PN=104250

L1= 93

L2= 93

X1= 3329432.48

Y1=16251328.81

B= 30.03315179

L= 90.25180804

PN=113075

L1= 93

L2= 93

X1= 3322644.21

Y1=16256482.44

B= 29.59531634

L= 90.28359204

PN=113700

L1= 93

L2= 93

X1= 3322100.22

Y1=16256792.61

B= 29.5935741

L= 90.2847853

PN=103825

L1= 93

L2= 93

X1= 3329871.25

Y1=16251135.99

B= 30.03437647

L= 90.25105204

PN=104787.5

L1= 93

L2= 93

X1= 3329993.28

Y1=16251528.18

B= 30.03155688

L= 90.25259354

PN=106112.5

L1= 93

L2= 93

X1= 3327775.67

Y1=16252249.65

B= 30.02364479

L= 90.25464033

PN=110700

L1= 93

L2= 93

X1= 3324378.05

Y1=16254873.18

B= 30.0048267

L= 90.27345044

PN=113500

L1= 93

L2= 93

X1= 3322274.24

Y1=16256692

B= 29.59413164

L= 90.28440348

PN=113400

L1= 93

L2= 93

X1= 3322361.24

Y1=16256642.69

B= 29.59441038

L= 90.28421266

年 月 日

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---LINE E---

XY CHANGE BL

PN=101650

L1= 93

L2= 93

X1= 3357134.7

Y1=16284627.05

B= 30.18513264

L= 90.45398479

PN=102475

L1= 93

L2= 93

X1= 3357622.25

Y1=16285292.55

B= 30.19075723

L= 90.46043791

PN=103225

L1= 93

L2= 93

X1= 3358106.4

Y1=16285865.32

B= 30.19236476

L= 90.46254465

PN=103925

L1= 93

L2= 93

X1= 3358558.3

Y1=16286369.88

B= 30.19386513

L= 90.46451102

PN=104625

L1= 93

L2= 93

X1= 3358952.57

Y1=16286978.26

B= 30.1951812

L= 90.47064569

PN=105375

L1= 93

L2= 93

X1= 3359332.12

Y1=16287625.11

B= 30.20045375

L= 90.47303773

PN=106200

L1= 93

L2= 93

X1= 3359737.43

Y1=16288343.65

B= 30.20181428

L= 90.47569631

PN=107050

L1= 93

L2= 93

X1= 3359970.62

Y1=16289151.03

B= 30.20262235

L= 90.48273726

PN=107875

L1= 93

L2= 93

X1= 3360197.19

Y1=16289954.3

B= 30.20340725

L= 90.48568867

PN=108500

L1= 93

L2= 93

X1= 3360374.63

Y1=16290553.57

B= 30.20402045

L= 90.49191794

PN=109300

L1= 93

L2= 93

X1= 3360739.43

Y1=16291005.19

B= 30.20528823

L= 90.50094876

PN=111075

L1= 93

L2= 93

X1= 3361535.18

Y1=16292769.67

B= 30.21192391

L= 90.5041266

PN=112000

L1= 93

L2= 93

X1= 3361637.69

Y1=16293688.95

B= 30.21231318

L= 90.51155914

PN=112800

L1= 93

L2= 93

X1= 3361734.2

Y1=16294483.11

B= 30.21267505

L= 90.51452393

PN=113700

L1= 93

L2= 93

X1= 3361783.94

Y1=16295381.72

B= 30.21285134

L= 90.52188297

PN=113850

L1= 93

L2= 93

X1= 3361816.9

Y1=16295528.05

B= 30.21300722

L= 90.52242822

PN=114925

L1= 93

L2= 93

X1= 3362263.84

Y1=16296505.71

B= 30.21451698

L= 90.53005537

PN=116025

L1= 93

L2= 93

X1= 3362658.96

Y1=16297532.28

B= 30.21586127

L= 90.53386949

PN=117000

L1= 93

L2= 93

X1= 3362995.87

Y1=16298447.2

B= 30.22100966

L= 90.5412701

PN=117325

L1= 93

L2= 93

X1= 3363200.14

Y1=16298693.29

B= 30.22171327

L= 90.5421764

PN=118050

L1= 93

L2= 93

X1= 3363790.34

Y1=16299125.29

B= 30.22362849

L= 90.54375299

物 探 点 座 标

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PN=118625
 L1= 93
 L2= 93
 X1= 3364089.34
 Y1=16299616.42
 B= 30.22462816
 L= 90.54557058

PN=122600
 L1= 93
 L2= 93
 X1= 3365326.34
 Y1=16303262.92
 B= 30.23265837
 L= 90.57113551

PN=101625 *首道*
 L1= 93
 L2= 93
 X1= 3357117.95
 Y1=16284608.5
 B= 30.1850771
 L= 90.45391665

PN=119025
 L1= 93
 L2= 93
 X1= 3364400.6
 Y1=16299867.63
 B= 30.22565325
 L= 90.55048941

PN=123500
 L1= 93
 L2= 93
 X1= 3365700.14
 Y1=16304081.6
 B= 30.23411937
 L= 90.57417498

PN=103912.5 *尾道*
 L1= 93
 L2= 93
 X1= 3358550.23
 Y1=16286390.34
 B= 30.19383835
 L= 90.46447593

PN=119275
 L1= 93
 L2= 93
 X1= 3364446.95
 Y1=16300113.29
 B= 30.22581831
 L= 90.55140573

PN=123650
 L1= 93
 L2= 93
 X1= 3365769.99
 Y1=16304214.34
 B= 30.23435381
 L= 90.5746672

PN=106112.5 *首道*
 L1= 93
 L2= 93
 X1= 3359694.44
 Y1=16286267.46
 B= 30.20166998
 L= 90.47541437

PN=119950
 L1= 93
 L2= 93
 X1= 3364748
 Y1=16300717.42
 B= 30.23083122
 L= 90.55364638

PN=124225
 L1= 93
 L2= 93
 X1= 3366124.46
 Y1=16304667.06
 B= 30.23553056
 L= 90.58033818

PN=120900 *尾道*
 L1= 93
 L2= 93
 X1= 3365160.05
 Y1=16301579.25
 B= 30.23221915
 L= 90.56082176

PN=120100
 L1= 93
 L2= 93
 X1= 3364013.45
 Y1=16300852.39
 B= 30.23105163
 L= 90.5541471

PN=120925
 L1= 93
 L2= 93
 X1= 3366448.82
 Y1=16294299.07
 B= 30.18352154
 L= 90.45200869

PN=124400 *尾道*
 L1= 93
 L2= 93
 X1= 3366224.74
 Y1=16304812.43
 B= 30.23586435
 L= 90.58086818

PN=120925
 L1= 93
 L2= 93
 X1= 3365172.9
 Y1=16301595.91
 B= 30.2322557
 L= 90.56090584

PN=125200
 L1= 93
 L2= 93
 X1= 3366683.19
 Y1=16305465.86
 B= 30.24139024
 L= 90.58329127

PN=124500 *尾道*
 L1= 93
 L2= 93
 X1= 3366282.05
 Y1=16304892.36
 B= 30.2400551
 L= 90.58117106

PN=121475
 L1= 93
 L2= 93
 X1= 3365245.31
 Y1=16302140.85
 B= 30.23252937
 L= 90.56294066

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---LINE EC---	Y	V	高 程	备 注
XY CHANGE BL PN=107400 L1= 93 L2= 93 X1= 3360107.10 Y1=16289954.3 B= 30.20340725 L= 90.49568867	PN=103675 L1= 93 L2= 93 X1= 3363389.14 Y1=16288035.15 B= 30.22104433 L= 90.47427638	首道		
PN=111350 L1= 93 L2= 93 X1= 3356812.37 Y1=16291988.53 B= 30.18455002 L= 90.50154074	PN=104837.5 L1= 93 L2= 93 X1= 3352393 Y1=16288634.08 B= 30.2144497 L= 90.48059009	首CDP		
PN=103652 L1= 93 L2= 93 X1= 3353410.56 Y1=16288022.28 B= 30.22171301 L= 90.47422665	PN=106175 L1= 93 L2= 93 X1= 3351246.9 Y1=16289323.17 B= 30.210774 L= 90.48325196	首满迭		
	PN=106802 L1= 93 L2= 93 X1= 3358997.52 Y1=16290673.31 B= 30.19555934 L= 90.49247231	尾满迭		
	PN=110500 L1= 93 L2= 93 X1= 3357540.75 Y1=16291550.87 B= 30.19088653 L= 90.49585179	尾道 交尾CDP		

填表者

检查者

19 年 月 日

物 探 点 座 标

17

---LINE F---

XY CHANGE BL

PN=101050

L1= 93

L2= 93

X1= 3374991.78

Y1=16315122.28

B= 30.28490197

L= 91.042916

PN=102225

L1= 93

L2= 93

X1= 3375725.19

Y1=16316039.96

B= 30.29133287

L= 91.05030802

PN=103302

L1= 93

L2= 93

X1= 3376382.43

Y1=16316890.35

B= 30.29351264

L= 91.05345315

PN=104100

L1= 93

L2= 93

X1= 3376904.36

Y1=16317496.42

B= 30.29523972

L= 91.05569154

PN=104850

L1= 93

L2= 93

X1= 3377350.48

Y1=16318099.1

B= 30.30072049

L= 91.06192221

PN=106200

L1= 93

L2= 93

X1= 3378225.28

Y1=16319126.94

B= 30.30361549

L= 91.06571982

PN=106800

L1= 93

L2= 93

X1= 3378724.3

Y1=16319459.87

B= 30.30525309

L= 91.07093657

PN=107500

L1= 93

L2= 93

X1= 3379375.09

Y1=16319717.41

B= 30.31137912

L= 91.07186134

PN=108500

L1= 93

L2= 93

X1= 3380372.99

Y1=16319779.82

B= 30.31462117

L= 91.07203301

PN=109175

L1= 93

L2= 93

X1= 3381039.07

Y1=16319889.47

B= 30.32078883

L= 91.07239878

PN=109700

L1= 93

L2= 93

X1= 3381472.11

Y1=16320185.11

B= 30.32221028

L= 91.07348399

PN=110425

L1= 93

L2= 93

X1= 3381835.46

Y1=16320812.29

B= 30.3234233

L= 91.07581302

PN=117150

L1= 93

L2= 93

X1= 3383038.51

Y1=16322048.24

B= 30.33139405

L= 91.08437241

PN=113000

L1= 93

L2= 93

X1= 3383377.22

Y1=16322827.41

B= 30.33253488

L= 91.09127429

PN=113850

L1= 93

L2= 93

X1= 3383244.11

Y1=16323666.63

B= 30.3321474

L= 91.0944297

PN=114425

L1= 93

L2= 93

X1= 3383325.04

Y1=16324233.73

B= 30.33244015

L= 91.10055901

PN=115175

L1= 93

L2= 93

X1= 3383774.31

Y1=16324836.07

B= 30.33392991

L= 91.10278312

PN=116225

L1= 93

L2= 93

X1= 3384517.73

Y1=16325577.27

B= 30.34038165

L= 91.10551793

PN=117800

L1= 93

L2= 93

X1= 3384592.19

Y1=16327142.1

B= 30.34102949

L= 91.11537668

PN=118550

L1= 93

L2= 93

X1= 3384604.76

Y1=16327886.73

B= 30.34078431

L= 91.12247486

PN=118975

L1= 93

L2= 93

X1= 3384660.67

Y1=16328327.91

B= 30.34098752

L= 91.12375128

物 探 点 座 标

18

PN=120425
 L1= 93
 L2= 93
 X1= 3385732.79
 Y1=16329283.75
 B= 30.34451742
 L= 91.13134793

PN=125375
 L1= 93
 L2= 93
 X1= 3387389.99
 Y1=16333641.22
 B= 30.35411693
 L= 91.15559817

PN=131275
 L1= 93
 L2= 93
 X1= 3385436.07
 Y1=16338866.22
 B= 30.34403224
 L= 91.19131908

PN=120600
 L1= 93
 L2= 93
 X1= 3385838.41
 Y1=16329423.23
 B= 30.34486738
 L= 91.1318649

PN=125875
 L1= 93
 L2= 93
 X1= 3387600.52
 Y1=16334094.6
 B= 30.3548229
 L= 91.16128706

PN=132450
 L1= 93
 L2= 93
 X1= 3384989.34
 Y1=16339954.5
 B= 30.34263464
 L= 91.19541894

PN=121475
 L1= 93
 L2= 93
 X1= 3386520.03
 Y1=16329971.61
 B= 30.35110775
 L= 91.13388175

PN=126475
 L1= 93
 L2= 93
 X1= 3387758.01
 Y1=16334673.39
 B= 30.35536289
 L= 91.16344963

PN=133725
 L1= 93
 L2= 93
 X1= 3384613.21
 Y1=16341172.26
 B= 30.34147211
 L= 91.20400779

PN=122150
 L1= 93
 L2= 93
 X1= 3386065.05
 Y1=16330551.59
 B= 30.35225717
 L= 91.14003723

PN=127025
 L1= 93
 L2= 93
 X1= 3387530.21
 Y1=16335173.76
 B= 30.35464835
 L= 91.1653401

PN=134400
 L1= 93
 L2= 93
 X1= 3384435.93
 Y1=16341823.98
 B= 30.34093094
 L= 91.21046266

PN=123050
 L1= 93
 L2= 93
 X1= 3386676.62
 Y1=16331431.31
 B= 30.35169028
 L= 91.14334867

PN=128125
 L1= 93
 L2= 93
 X1= 3386948.11
 Y1=16336106.59
 B= 30.3528051
 L= 91.17287323

PN=136175
 L1= 93
 L2= 93
 X1= 3384441.32
 Y1=16343592.01
 B= 30.34102903
 L= 91.22111649

PN=123675
 L1= 93
 L2= 93
 X1= 3386831.44
 Y1=16332035.65
 B= 30.35222339
 L= 91.14561062

PN=129300
 L1= 93
 L2= 93
 X1= 3386400.94
 Y1=16337145.89
 B= 30.35108016
 L= 91.18080342

PN=136500
 L1= 93
 L2= 93
 X1= 3384420.91
 Y1=16343922.26
 B= 30.340978
 L= 91.2223339

PN=124925
 L1= 93
 L2= 93
 X1= 3387260.21
 Y1=16333210.47
 B= 30.35367413
 L= 91.15389956

PN=120350
 L1= 93
 L2= 93
 X1= 3385084.98
 Y1=16339059.88
 B= 30.34545007
 L= 91.18426147

PN=120025
 L1= 93
 L2= 93
 X1= 3374375.32
 Y1=16314323.7
 B= 30.28285591
 L= 91.03588827

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物 探 点 座 标

工 区

	X	Y	高 程	备 注
PN=103112.5 首CDP L1= 93 L2= 93 X1= 3376267.58 Y1=16316742.07 B= 30.29319908 L= 91.05290473				
PN=105812.5 首端送 L1= 93 L2= 93 X1= 3377974.05 Y1=16318831.95 B= 30.30278413 L= 91.06462985				
PN=132500 尾端送 L1= 93 L2= 93 X1= 3384974.58 Y1=16340002.25 B= 30.34258903 L= 91.19559688				
PN=135200 尾CDP L1= 93 L2= 93 X1= 3384438.77 Y1=16342623.27 B= 30.34097482 L= 91.21346027				
PN=135300 尾道 L1= 93 L2= 93 X1= 3384439 Y1=16342723.23 B= 30.34098029 L= 91.21383522				

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填 表 者 _____
 检 查 者 _____

SX/T 5171-93

YZ=

20

Area area ZONE

Appendix F 附录 F 相邻带坐标换算 (补充件) coordinate

X0, X2, t, L, B, C, N, η

F1 相邻带坐标换算公式 Formula

X2 = X0 + t * (L * cos B / rho)^2 * N * [3 + 1/4 * (L * cos B)^2 * (5 - t^2 + 9t^2 + 4t^4)]

+ (L * cos B / rho)^4 * 1/120 * (5 + t^4 - 58t^2 + 56)

Y2 = L * cos B / rho * N * [1 + 1/6 * (L * cos B)^2 * (5 - 4 - t^2 + t^2)]

+ (L * cos B / rho)^4 * 1/120 * (5 + t^4 - 58t^2 * t^2 - 18t^2 + 14t^2)

(F1)

及

B = B1 - (1 + t^2) * t1 * 90 / pi * Y1^2 / N1^2 * (1 - 1/12 * Y1^2 / N1^2 * (3t1^2 + t1^2 + 5 - 9t1^2 * t1^2))

+ 1/120 * (Y1^2 / N1^2)^2 * (1/3 + 20 + 5t1^2 - (3t1^2 + 6))

L = 2 / cos B1 * Y1 / N1 * 90 / pi * (1 - 1/12 * Y1^2 / N1^2 * (3t1^2 + t1^2 + 5 + t1^2 + t1^2 - 3))

+ 1/120 * (Y1^2 / N1^2)^2 * (5 + 6t1^2 - Y1^2 / N1^2 * t1^2 + 4t1^2 * (7 + 6t1^2 + 2t1^2))

(F2)

式中:

before correction

b1 = 1/42 * (61 + 662t1^2 + 1320t1^4 + 720t1^6)

(F3)

X1, Y1 和 X2, Y2 - 换算前、后点的坐标

B, l - 换算点的大地纬度和距离中央子午线的经差

B1 - 底点纬度

X0 - 由赤道起算的子午弧长

ELLIPSOID AXIS

C = a^2 / (a^2 - b^2) (a 和 b 为参考椭球的长、短半径)

e'^2 = (a^2 - b^2) / b^2 是第二偏心率

t = tg B; η = (e' * cos B)^2

N = c / sqrt(1 + η)

M = N / (1 + η)

对于克拉索夫斯基参考椭球体, 则有

C = 5399698.902m

e'^2 = 6.738525415 * 10^-3

a/rho = 111134.861084

B = -16036.4803

γ = 16.8281

δ = -0.022

namely

KRASSOVSKY REF. ELLIPSOID

THE DISTANCE OF LONG. FROM COMMON MERIDIAN

XY CHANGE BL

PN = STATION NUMBER

L1 = COORDINATE REF

L2 =

X1 = X

Y1 = Y

B = LAT.

L = LONG