

6250669
1578666
570,000

162
159
3

400
15700

853,713
711,468
142,300

853,713
751,461
102,252

NEW TURNING POINTS

目 录

页次	级 名	工 区	页次
12 3	LINE A级	塔 隆 工 区	1~2
" 4	LINE AC级		3
		浪 卡 子 工 区	
" 5	LINE B级		4~7
		羊 八 井 工 区	
" 6	LINE C级		8~9
" 7	LINE D级		10~12
" 8	LINE DC级		13
		当 雄 工 区	
" 9	LINE E级		14~15
" 10	LINE EC级		16
" 11	LINE F级		17~19

订 录 者 倪 智 勇 1994. 11. 18 于 北 京

NEW TURNING POINTS

目 录

页次	名 称	工 区
1~2	LINE A级	浪卡子工区
3	LINE AC级	浪卡子工区
4~7	LINE B级	浪卡子工区
8~9	LINE C级	羊八井工区
10~12	LINE D级	羊八井工区
13	LINE DC级	羊八井工区
14~15	LINE E级	当雄工区
16	LINE EC级	当雄工区
17~19	LINE F级	当雄工区

记录者 倪智勇 1994.11.18 于北京

16250489
15780668
870,000

168
157
5

→ 400
- 15780

855,713
711,468
142,300

853,713
751,961
101,752

乃 隆 工 区
物 探 点 座 标

---LINE A---

XY CHANGE BL
PN=100000
L1= 87
L2= 87
X1= 3138046.64
Y1=15779940.75
B= 28.19372081
L= 89.511437

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

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

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

PN=125575
L1= 87
L2= 87
X1= 3163373.55
Y1=15779175.64
B= 28.33194576
L= 89.51083523

PN=133675
L1= 87
L2= 87
X1= 3171014.79
Y1=15780013.56
B= 28.37267
L= 89.51458588

PN=111225
L1= 87
L2= 87
X1= 3149214.13
Y1=15780346.18
B= 28.25387321
L= 89.5200979

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

PN=134650
L1= 87
L2= 87
X1= 3171967.55
Y1=15780222.38
B= 28.37574464
L= 89.51543766

PN=119269.52
L1= 87
L2= 87
X1= 3157256.54
Y1=15780264.15
B= 28.28598738
L= 89.51570101

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

PN=136200
L1= 87
L2= 87
X1= 3173299.39
Y1=15781016.67
B= 28.38402033
L= 89.52247626

PN=103027.5
L1= 87
L2= 87
X1= 3141097.89
Y1=15780309.57
B= 28.2115915
L= 89.51305443

PN=130825
L1= 87
L2= 87
X1= 3168544.18
Y1=15778744.38
B= 28.3607534
L= 89.50570295

PN=137950
L1= 87
L2= 87
X1= 3174029.61
Y1=15781635.72
B= 28.39291903
L= 89.52488828

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

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

PN=138300
L1= 87
L2= 87
X1= 3175143.38
Y1=15781958.59
B= 28.39391162
L= 89.53010362

PN=119575
L1= 87
L2= 87
X1= 3157562.95
Y1=15780635.76
B= 28.30098223
L= 89.51568974

PN=131925
L1= 87
L2= 87
X1= 3169619.48
Y1=15778657.51
B= 28.3642221
L= 89.51058059

PN=138950
L1= 87
L2= 87
X1= 3175598.74
Y1=15782422.28
B= 28.39535239
L= 89.53185178

装
订
C
X
Y
A

浪卡子工区 探点座标

--LINE B--

XY CHANGE BL

PN=102525 不尾
 L1= 93 第4号羊线子高度
 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= 3195812.35
 Y1=16246351.33
 B= 28.51107943
 L= 90.24241015

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= 3190299.93
 Y1=16251495.26
 B= 28.48155977
 L= 90.27176654

PN=126050
 L1= 93
 L2= 93
 X1= 3195413
 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= 90.26595489

PN=126700
 L1= 93
 L2= 93
 X1= 3195850.83
 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=16248654.23
 B= 28.50266368
 L= 90.25297384

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

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6

物探点座标

5

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

PN=128300
 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=16242199.64
 B= 28.5340929
 L= 90.21268108

PN=131550
 L1= 93
 L2= 93
 X1= 3200769.59
 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= 3205826.32
 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= 3208530.79
 Y1=16247418.09
 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=16245020.71
 B= 29.0007932
 L= 90.23310193

物探点座标

6

装
订
C
A

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=16245713.01
 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=147625
 L1= 93
 L2= 93
 X1= 3214436.22
 Y1=16246521.06
 B= 29.01152554
 L= 90.23548975

PN=147775
 L1= 93
 L2= 93
 X1= 3214382.74
 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= 29.01334353
 L= 90.23477398

PN=100025 *首道*
 L1= 93
 L2= 93
 X1= 3175168.42
 Y1=16253803.05
 B= 28.40061851
 L= 90.28544799

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

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

PN=148250 *不... 带中文...*
 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=16246528.42
 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=16246796.75
 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

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=16246280.58
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=16246124.82
B= 29.04458314
L= 90.23391227

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= 90.21399306

PN=159525
L1= 93
L2= 93
X1= 3224313.66
Y1=16242378.38
B= 29.06327407
L= 90.21127022

PN=157300 尾道
L1= 93
L2= 93
X1= 3222909.34
Y1=16244084.86
B= 29.05484181
L= 90.22179929

PN=159900 尾道
L1= 93
L2= 93
X1= 3224555.21
Y1=16242091.48
B= 29.06403683
L= 90.21029878

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

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订

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羊八井二区 物探点座标

8

竖
井
C
号

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= 3296700.53
 Y1=16246156.89
 B= 29.45439876
 L= 90.22331528

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=16245159.83
 B= 29.47211647
 L= 90.2153483

PN=105175
 L1= 93
 L2= 93
 X1= 3300282.65
 Y1=16244892.76
 B= 29.47328445
 L= 90.21469875

PN=106500
 L1= 93
 L2= 93
 X1= 3301118.64
 Y1=16244166.52
 B= 29.4805839
 L= 90.2115372

PN=107500
 L1= 93
 L2= 93
 X1= 3302233.51
 Y1=16243762.51
 B= 29.48352171
 L= 90.20595613

PN=108700
 L1= 93
 L2= 93
 X1= 3303183.18
 Y1=16243435.3
 B= 29.49124314
 L= 90.20463984

PN=109375
 L1= 93
 L2= 93
 X1= 3303854.92
 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= 3305938.77
 Y1=16243573.15
 B= 29.50417584
 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= 3307628.01
 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= 3310584.21
 Y1=16244729.75
 B= 29.53127306
 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= 3311999.56
 Y1=16245232.03
 B= 29.53401575
 L= 90.2146239

物 探 点 座 标

PN=117425
 L1= 93
 L2= 93
 X1= 3311617.73
 Y1=16245176.91
 B= 29.53471941
 L= 90.21440003

PN=123450
 L1= 93
 L2= 93
 X1= 3316876.57
 Y1=16242372.47
 B= 29.56356908
 L= 90.19550358

PN=117800
 L1= 93
 L2= 93
 X1= 3311920.47
 Y1=16245053.59
 B= 29.53569271
 L= 90.21393361

PN=124075
 L1= 93
 L2= 93
 X1= 3317489.62
 Y1=16242250.46
 B= 29.5655486
 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= 29.57262995
 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= 3318984.38
 Y1=16242318.16
 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= 3319343.47
 Y1=16242452.8
 B= 29.58022656
 L= 90.19557167

PN=122525
 L1= 93
 L2= 93
 X1= 3316025.89
 Y1=16242722.49
 B= 29.56083911
 L= 90.20088086

PN=126975
 L1= 93
 L2= 93
 X1= 3320342.58
 Y1=16242659.28
 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= 3320749.69
 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= 3288294.62
 Y1=16246015.18
 B= 29.4635595
 L= 90.22265303

PN=108512.5
 L1= 93
 L2= 93
 X1= 3303007.75
 Y1=16243496.20
 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= 3319699.76
 Y1=16242490.15
 B= 29.58070069
 L= 90.19569827

PN=125200
 L1= 93
 L2= 93
 X1= 3319591.9
 Y1=16242465.25
 B= 29.5803846
 L= 90.19561385

年 月 日

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= 29.57256822

L= 90.25400986

PN=113825

L1= 93

L2= 93

X1= 3319056.85

Y1=16251850.19

B= 29.57537692

L= 90.2546256

PN=113925

L1= 93

L2= 93

X1= 3319150.54

Y1=16251904.34

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= 3321590.33

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= 90.28036763

PN=120225

L1= 93

L2= 93

X1= 3323020.36

Y1=16256192.6

B= 29.60051661

L= 90.28242077

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=16257657.34

B= 30.01241107

L= 90.29179648

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装
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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= 3309539.19
 Y1=16253835.48
 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= 90.30209661

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= 3329476.81
 Y1=16259450.47
 B= 30.03353335
 L= 90.30210392

PN=102350
 L1= 93
 L2= 93
 X1= 3308123.01
 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= 3307223.32
 Y1=16253726.7
 B= 29.51302384
 L= 90.27059853

PN=124625
 L1= 93
 L2= 93
 X1= 3326793.78
 Y1=16258144.19
 B= 30.02089813
 L= 90.29344719

PN=129575
 L1= 93
 L2= 93
 X1= 3330029.31
 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=16258861
 B= 30.0234388
 L= 90.30005749

PN=104525
 L1= 93
 L2= 93
 X1= 3310249.64
 Y1=16254289.63
 B= 29.53093324
 L= 90.27169834

PN=100025
 L1= 93
 L2= 93
 X1= 3305794.81
 Y1=16253837.72
 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=16254090.83
 B= 29.5305281
 L= 90.27167586

PN=129500
 L1= 93
 L2= 93
 X1= 3330843.1
 Y1=16260460.87
 B= 30.04219975
 L= 90.30575765

探点座标

13

---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= 3324820.85

Y1=16254305.41

B= 30.01024829

L= 90.27129549

PN=109550

L1= 93

L2= 93

X1= 3325080.34

Y1=16253982.79

B= 30.01103941

L= 90.26599832

PN=108950

L1= 93

L2= 93

X1= 3325432.28

Y1=16253357.58

B= 30.01213744

L= 90.26371313

PN=108075

L1= 93

L2= 93

X1= 3325984.97

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= 3328424.55

Y1=16251755.45

B= 30.02572874

L= 90.25348883

PN=104250

L1= 93

L2= 93

X1= 3328492.49

Y1=16251328.81

B= 30.03315179

L= 90.25180804

PN=103075

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=16256790.81

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= 3324279.26

Y1=16254872.18

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=16256042.69

B= 29.59441038

L= 90.28421256

年 月 日

当雄工区

探点座标

14

第 页

---LINE E---

XY CHANGE BL

PN=101650
L1= 93
L2= 93
X1= 3357134.7
Y1=16284627.05
B= 30.18513264
L= 90.45398479

PN=107050
L1= 93
L2= 93
X1= 3359970.52
Y1=16289161.03
B= 30.20262235
L= 90.48273726

PN=113700
L1= 93
L2= 93
X1= 3361783.94
Y1=16295381.72
B= 30.21265134
L= 90.52188297

PN=102475
L1= 93
L2= 93
X1= 3357622.25
Y1=16285292.55
B= 30.19075723
L= 90.46043791

PN=107875
L1= 93
L2= 93
X1= 3360197.19
Y1=16289954.3
B= 30.20340725
L= 90.48568867

PN=113850
L1= 93
L2= 93
X1= 3361816.9
Y1=16295528.05
B= 30.21300722
L= 90.52242822

PN=103225
L1= 93
L2= 93
X1= 3358106.4
Y1=16285865.32
B= 30.19236476
L= 90.46254465

PN=108500
L1= 93
L2= 93
X1= 3360374.63
Y1=16290553.57
B= 30.20402045
L= 90.49191794

PN=114925
L1= 93
L2= 93
X1= 3362253.84
Y1=16296505.71
B= 30.21451698
L= 90.53005537

PN=103925
L1= 93
L2= 93
X1= 3358558.3
Y1=16286399.88
B= 30.19386513
L= 90.46451102

PN=109900
L1= 93
L2= 93
X1= 3360739.43
Y1=16291905.19
B= 30.20528823
L= 90.50094876

PN=116025
L1= 93
L2= 93
X1= 3362558.96
Y1=16297532.28
B= 30.21586127
L= 90.53386949

PN=104625
L1= 93
L2= 93
X1= 3358952.57
Y1=16286978.26
B= 30.1951812
L= 90.47064569

PN=111075
L1= 93
L2= 93
X1= 3361535.18
Y1=16292769.67
B= 30.21192391
L= 90.5041266

PN=117000
L1= 93
L2= 93
X1= 3362995.87
Y1=16298447.2
B= 30.22100966
L= 90.5412701

PN=105375
L1= 93
L2= 93
X1= 3359332.12
Y1=16287625.11
B= 30.20045375
L= 90.47305773

PN=112000
L1= 93
L2= 93
X1= 3361637.69
Y1=16293688.96
B= 30.21231318
L= 90.51155914

PN=117325
L1= 93
L2= 93
X1= 3363200.14
Y1=16298693.29
B= 30.22171327
L= 90.5421764

PN=106200
L1= 93
L2= 93
X1= 3359737.43
Y1=16288343.65
B= 30.20181428
L= 90.47569631

PN=112800
L1= 93
L2= 93
X1= 3361734.2
Y1=16294493.11
B= 30.21267505
L= 90.51452393

PN=118050
L1= 93
L2= 93
X1= 3363790.34
Y1=16299125.29
B= 30.22362849
L= 90.54375299

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物探点座标

15

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= 30.23285837
 L= 90.57113551

PN=101625 首道
 L1= 93
 L2= 93
 X1= 3357117.95
 Y1=16284628.5
 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 首道 CDP
 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=126112.5 首道 CDP
 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= 3365124.46
 Y1=16304667.26
 B= 30.23553056
 L= 90.58033818

PN=120900 尾道
 L1= 93
 L2= 93
 X1= 3365162.05
 Y1=16301579.25
 B= 30.23221915
 L= 90.56082176

PN=120100
 L1= 93
 L2= 93
 X1= 3364813.45
 Y1=16300852.39
 B= 30.23105163
 L= 90.5541471

PN=100925
 L1= 93
 L2= 93
 X1= 3356643.82
 Y1=16294289.07
 B= 30.18352154
 L= 90.45200869

PN=124400 尾道
 L1= 93
 L2= 93
 X1= 3366224.74
 Y1=16304812.43
 B= 30.23586435
 L= 90.58066818

PN=120925
 L1= 93
 L2= 93
 X1= 3365170.9
 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 CDP
 L1= 93
 L2= 93
 X1= 3366282.05
 Y1=16304992.36
 B= 30.2400551
 L= 90.58117106

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

物探点座标

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第 16 页

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---LINE EC---	Y	Y	高 程	备 注
XY CHANGE BL PN=107400 L1= 93 L2= 93 X1= 3360167.10 Y1=16289954.3 B= 30.20340725 L= 90.49568867	PN=103675 L1= 93 L2= 93 X1= 33633289.14 Y1=16288035.15 B= 30.22104493 L= 90.47427638	首道		
PN=111350 L1= 93 L2= 93 X1= 3356812.37 Y1=16291688.53 B= 30.18455002 L= 90.50154074	PN=104837.5 L1= 93 L2= 93 X1= 3352393 Y1=16288634.08 B= 30.2144497 L= 90.48059029	首道		
PN=103652 L1= 93 L2= 93 X1= 3353410.56 Y1=16288022.29 B= 30.22171301 L= 90.47422665	PN=106175 L1= 93 L2= 93 X1= 3351246.9 Y1=16289323.17 B= 30.210774 L= 90.48325166	首道		
	PN=108922 L1= 93 L2= 93 X1= 3350997.52 Y1=16290575.31 B= 30.19555934 L= 90.49247231	尾道		
	PN=112502 L1= 93 L2= 93 X1= 3357542.75 Y1=16291552.87 B= 30.19889653 L= 90.49585179	尾道 交尾道		

填表者

校表者

19 年 月 日

勘探点座标

---LINE F---

XY CHANGE BL

PN=101050
L1= 93
L2= 93
X1= 3374981.78
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= 30.29351254
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=16318299.1
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= 3379375.08
Y1=16319717.41
B= 30.31137912
L= 91.07186134

PN=108500
L1= 93
L2= 93
X1= 3380372.98
Y1=16319779.82
B= 30.31462117
L= 91.07203301

PN=109175
L1= 93
L2= 93
X1= 3381039.07
Y1=16319886.47
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=112150
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X1= 3383039.51
Y1=16322048.04
B= 30.33139405
L= 91.08437241

PN=113000
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B= 30.33253488
L= 91.09127429

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PN=114425
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B= 30.33244015
L= 91.10255901

PN=115175
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PN=117800
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X1= 3384592.19
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B= 30.34102949
L= 91.11537668

PN=118550
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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

裝

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物探点座标

18

PN=120425
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 L2= 93
 X1= 3385732.79
 Y1=16329283.75
 B= 30.34451742
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PN=125375
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 L2= 93
 X1= 3387389.95
 Y1=16333541.22
 B= 30.35411693
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PN=131275
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 Y1=16338868.22
 B= 30.34403224
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PN=120600
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 X1= 3385838.41
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PN=132450
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 B= 30.34263464
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PN=121475
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 X1= 3386520.23
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PN=126475
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 L2= 93
 X1= 3387758.81
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 B= 30.35536289
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 X1= 3386965.25
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PN=127025
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 X1= 3387530.21
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PN=134420
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PN=123050
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 L= 91.14334867

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 L2= 93
 X1= 3386948.11
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 L= 91.17287323

PN=135175
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 L= 91.22111649

PN=123675
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 X1= 3386831.44
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 L= 91.14561062

PN=129300
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 L2= 93
 X1= 3386400.94
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 B= 30.35108016
 L= 91.18080342

PN=136520
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 L2= 93
 X1= 3384420.91
 Y1=16343922.26
 B= 30.340978
 L= 91.2223339

PN=124925
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 B= 30.35367413
 L= 91.15298956

PN=130550
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 L2= 93
 X1= 3385284.98
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 B= 30.34545007
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PN=132025
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 L2= 93
 X1= 3374375.32
 Y1=16314323.7
 B= 30.28285591
 L= 91.03588827

SY/T 5171-93

20

附录 F

相邻带坐标换算

(补充件)

F1 相邻带坐标换算公式

$$\left. \begin{aligned} X_2 &= X_0 + \frac{t}{6} \left(\frac{l \cdot \cos B}{\rho} \right)^2 \cdot N \left[3 + \frac{1}{4} \left(\frac{l \cdot \cos B}{\rho} \right)^2 \cdot (5 - t^2 + 9\eta^2 + 4t^4) \right. \\ &\quad \left. + \left(\frac{l \cdot \cos B}{\rho} \right)^4 \cdot \frac{1}{120} (5 + t^4 - 58t^2 + 56) \right]; \\ Y_2 &= \frac{l \cdot \cos B}{\rho} \cdot N \left[1 + \frac{1}{6} \left(\frac{l \cdot \cos B}{\rho} \right)^2 \cdot (5 - 4 - t^2 + \eta^2) \right. \\ &\quad \left. + \left(\frac{l \cdot \cos B}{\rho} \right)^4 \cdot \frac{1}{120} \cdot (5 + t^4 - 58t^2\eta^2 - 18t^2 + 14\eta^2) \right]. \end{aligned} \right\} \dots\dots\dots (F1)$$

及

$$\left. \begin{aligned} B &= B_1 - (1 + \eta^2) \cdot l_1 \cdot \frac{90}{\pi} \cdot \frac{Y_1^2}{N_1^2} \cdot \left(1 - \frac{1}{12} \cdot \frac{Y_1^2}{N_1^2} \cdot (3t_1^2 + \eta_1^2 + 5 - 9t_1^2\eta_1^2) \right) \\ &\quad + \frac{1}{120} \left(\frac{Y_1^2}{N_1^2} \right)^2 \cdot \left[\frac{1}{3} + 20 + 5t_1^2 - (3t_1^2 + 6) \right]; \\ l &= \frac{2}{\cos B_1} \cdot \frac{Y_1}{N_1} \cdot \frac{90}{\pi} \cdot \left(1 - \frac{1}{12} \cdot \frac{Y_1^2}{N_1^2} \cdot (3t_1^2 + \eta_1^2 + 5 + t_1^2 + \eta_1^2 - 3) \right. \\ &\quad \left. + \frac{1}{120} \left(\frac{Y_1^2}{N_1^2} \right)^2 \cdot \left[5 + 6\eta_1^2 - \frac{Y_1^2}{N_1^2} \cdot b_1^2 + 4t_1^2 \cdot (7 + 6t_1^2 + 2\eta_1^2) \right] \right). \end{aligned} \right\} \dots\dots\dots (F2)$$

式中:

$$\delta_1^2 = \frac{1}{42} (61 + 652t_1^2 + 1320t_1^4 + 720t_1^6) \dots\dots\dots (F3)$$

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;
$$C = \frac{a^2}{b} \quad (a \text{ 和 } b \text{ 为参考椭球的长、短半径});$$

$$e'^2 = \frac{a^2 - b^2}{b^2} \text{ 是第二偏心率};$$

$$t = \operatorname{tg} B; \quad \eta = (e' \cdot \cos B)^2;$$

$$N = \frac{c}{\sqrt{1 + \eta^2}}; \quad M = \frac{N}{1 + \eta^2}.$$

对于克拉索夫斯基参考椭球体, 则有

$$C = 5399698.902m,$$

$$e'^2 = 6.738525415 \times 10^{-3},$$

$$\frac{a}{\rho} = 111134.861084,$$

$$\beta = -16036.4803,$$

$$\gamma = 16.8281,$$

$$\delta = -0.022.$$