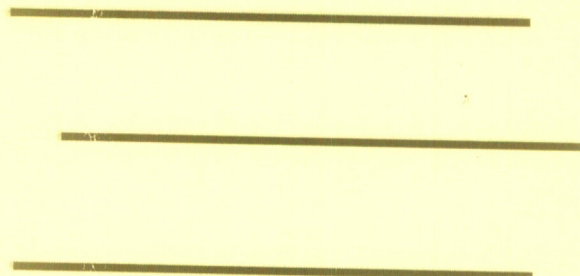


नेपाल विद्युत प्राधिकरण, दुधकोशी जलाशययुक्त जलविद्युत आयोजना

र

हलेसी तुवाचुङ नगरपालिका, दुर्छिम, खोटाङ

बीच

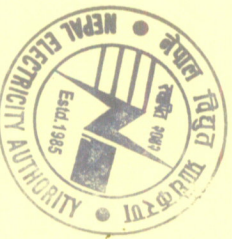


Construction of Access Road (Track Open) from Ratekhola (Surge Tank Area) to
Baikhukhola (Tailrace)

कार्यान्वयनका लागि भएको

समझदारी पत्र (MOU)

मिति: २०७९/०३/२३



नेपाल विद्युत प्राधिकरण, दुधकोशी जलाशययुक्त जलविद्युत आयोजना

र

हलेसी तुवाचुङ नगरपालिका, दुर्छिम, खोटाङ

बीच

Construction of Access Road (Track Open) from Ratekhola (Surge Tank Area) to
Baikhukhola (Tailrace)

कार्यान्वयनका लागि भएको

समझदारी पत्र (MOU)

नेपाल सरकार तथा नेपाल विद्युत प्राधिकरणको संयुक्त लगानी र एशियाली विकास बैंकको अनुदान सहयोगबाट प्रदेश नं. १ को खोटाङ र ओखलढुङगा जिल्लाको सीमाना स्थित दुधकोशी नदीबाट ६३५ मे.वा. दुधकोशी जलाशययुक्त जलविद्युत आयोजना निर्माण गर्नका लागि अध्ययन भई यस आयोजनाको वांछस्थल खोटाङ जिल्ला रावावेशी गाउँपालिकाको रबुवा बजारदेखि करिब १ कि.मि. तल रहने छ । यस आयोजनाको विद्युत गृह खोटाङ जिल्लाको हलेसी तुवाचुङ नगरपालिका वडा नं. ८ धितुङ स्थित बैखु खोला नजिक रहने छ । दुधकोशी जलाशययुक्त जलविद्युत आयोजनाको रातेखोला (Surge Tank क्षेत्र) देखि बैखुखोला (Tailrace) जोड्ने पहुँच मार्गको नयाँ Track खोल्नको लागि हलेसी तुवाचुङ नगरपालिकाको पत्रसंख्या २०७८/०७९ चं.नं. ३१८७ मिति २०७८/१२/२२ को पत्र अनुसार नेपाल विद्युत प्राधिकरण, दुधकोशी जलाशययुक्त जलविद्युत आयोजना (यसपछि प्रथम पक्ष भनिएको छ) र स्थानीय सरकारको रूपमा स्थापित हलेसी तुवाचुङ नगरपालिका (यसपछि दोश्रो पक्ष भनिएको छ) बीच तपशिलमा उल्लेखित नियम र शर्तहरूको अधिनमा रहेर निर्माण कार्य गर्ने/गराउने गरी यो समझदारी पत्रमा दुवैपक्षको अधिकार प्राप्त अधिकारीले दोश्रो पक्षको कार्यालयमा बसी उल्लेखित साक्षीको रोहवरमा हस्ताक्षर गरी एक/एक प्रति बुझि लियौं/दियौं ।



नियम र शर्तहरू (Terms and Conditions)

१. प्रथम पक्षले निर्माण गर्ने आयोजनाको Construction of Access Road (Track Open) from Ratekhola (Surge Tank Area) to BaikhuKhola (Tailrace) पहुँच मार्ग निर्माणको लागि सम्झौता रकम (१३% VAT सहित) जम्मा रु १९,१९,४९७।७२ (अक्षरपी उनात्सयलाख उनात्सयहजार चारसय सत्तानव्वे र पैसा वहन्तर मात्र) हुनेछ ।
२. यो सम्झौता भए पश्चात दोश्रो पक्षले पहुँच मार्ग निर्माण कार्यको सुरुवात गर्नका लागि सम्झौता रकमको २० प्रतिशतले हुन आउने रकम कार्य सुरु गर्ने यकिन गरी रकम माग भएको मितिले ७ (सात) दिनिभित्र प्रथम पक्षले दोश्रो पक्षलाई Account Payee cheque मार्फत निकाशा दिईनेछ ।
३. दोश्रो पक्षले बुँदा नं. २ बमोजिम प्रथम पक्षबाट रकम प्राप्त भएको मितिले ७ (सात) दिनिभित्र पहुँच मार्ग निर्माण कार्य सुरु गर्नुपर्ने छ ।
४. पहुँच मार्ग निर्माण कार्यको विल भुक्तानी पाँच किस्तामा हुनेछ । दोश्रो पक्षले पेश गरेको प्रगती प्रतिवेदनको आधारमा प्रथम पक्षको प्राविधिकले जाँच गरी अर्को किस्ता भुक्तानी गरिने छ ।
५. पहुँच मार्ग निर्माण कार्यको विल भुक्तानी देहाय बमोजिम हुनेछ :-
 - क) प्रथम किस्ता : सम्झौता रकमको २०%, सम्झौता पत्रमा हस्ताक्षर भएपछि ।
 - ख) दोश्रो, तेस्रो र चौथो किस्ता : कामको प्रगतीको आधारमा निर्माण कार्यको प्रगती प्रतिवेदन पेश भएपछि ।
 - ग) पाचौं (अन्तिम) किस्ता : सम्झौता रकमको १०%, अन्तिम प्राविधिक मुल्यांकन प्रतिवेदन (Final Report) बुझाए पछि ।
६. दोश्रो पक्षले गरेको निर्माण कार्यको अनुगमन समय समयमा प्रथम पक्षले खटाएको प्राविधिकबाट गरिने छ ।
७. दोश्रो पक्षले निर्माण कार्य गराउदा सार्वजनिक खरिद ऐन, २०६३ र सार्वजनिक खरिद नियमावली, २०६४ अनुसार बोलपत्रको माध्यमबाट वा प्रभावित क्षेत्रका वडावासीहरूको समुहबाट उपभोक्ता समिति मध्ये कुनै एक प्रकृया अवलम्बन गरी निर्माण कार्य गराउनु पर्नेछ । उपभोक्ता समितिबाट कार्य गराउदा धिराभार (Overhead) खर्च १५% भुक्तानी दिईने छैन र उपभोक्ता समिति मार्फत निर्माण कार्य गराउदा मुल्य अभिवृद्धि कर लाग्ने निर्माण सामाग्रीहरूको कर विजक पेश भएमा सो निर्माण सामाग्रीहरूको मुल्य अभिवृद्धि कर १३% भुक्तानी गरिनेछ ।



८. निर्माण कार्य गर्दा कार्यको item, लागत र निर्माण समय Variation नहुने गरी दोश्रो पक्षले यसै सहमतिको साथ संलग्न गरिएको abstract cost, Scope of Works, Drawing & Design Specification अनुसार Total Cost मा नबढ्ने गरी कार्यसम्पादन गर्नुपर्ने छ ।

९. दोश्रो पक्षले सडक निर्माणको कार्य गर्दा सडक विभाग तथा नगरपालिकाको प्रचलित Norms and Standard को परिधिभित्र रहेर निर्माण कार्य गर्नुपर्ने छ ।

१०. यो सहमति पत्र दुवै पक्षले हस्ताक्षर गरेको मितिबाट लागू भई कार्यसम्पादनको कार्य अवधि बढीमा ९ महिनाको रहने छ । तर कुनै मनासिब कारणले ९ महिनाभित्र कार्य सम्पन्न नभएको खण्डमा दोश्रो पक्षले कारण सहित कार्य अवधि थप गर्न अनुरोध गरी माग गरेमा कार्य अवधि थप गर्न सकिने छ ।

११. निर्माण कार्य ९ महिनाभित्र सम्पन्न नभई ढिला भएमा सो अवधिको कुनै थप रकम वा क्षतिपूर्ति भुक्तानी दिइने छैन ।

१२. अन्तिम बिलको भुक्तानीको लागि बिल पेश गर्दा यस अगाडीको सम्पूर्ण किस्ताहरु भुक्तानी गरिएको खर्चहरुको विस्तृत विवरण सहित दोश्रो पक्षले पेश गर्नुपर्ने छ ।

१३. निर्माण कार्यको क्रममा स्थानिय स्तरमा आइपर्ने समस्या तथा जग्गा सम्बन्धी विवाद दोश्रो पक्षले संबन्धित वडा समितिको सहभागितामा समाधान गर्नुपर्ने छ । निर्माणस्थलमा खटिएका उपभोक्ता समितिका पदाधिकारी, प्राविधिक कर्मचारी तथा कामदार ज्यामीहरुको वढीमा २० जनाको दुर्घटना विमा प्रति व्यक्ति रु. ७,००,०००/- का दरले दोश्रो पक्षले व्यहोर्नु पर्नेछ ।

१४. कुनै एक पक्षले कार्य सम्पन्न नहुँदै सहमति पत्र रद्द गर्न चाहेमा ३० (तीस) दिन अगावै अर्को पक्षलाई लिखित कारण सहित जानकारी गराई आपसी सहमतिमा सहमति पत्र रद्द गर्न सकिने छ । तर यसरी सहमति पत्र रद्द गर्दा आयोजनाको बाँकी निर्माण कार्यमा बाधा नपुग्ने प्रत्याभूती दुवै पक्षले गर्नुपर्नेछ ।

१५. दुवै पक्षहरुबीच कुनै किसिमको असमझदारी, समस्या वा विवाद भएमा दुवै पक्षबीच आवश्यक छलफल गरी आपसी सहमति र समझदारी मा समाधान गरिने छ । यदि आपसी सहमतिबाट विवादको समाधान हुन नसकेमा प्रचलित ऐन नियममा तोकिएको प्रक्रिया अवलम्बन गरिने छ ।

१६. यो सहमति पत्र मुलुकी देवानी (संहिता), २०७४ बमोजिम गरिएको छ । यो सहमति पत्रमा उल्लेखितको हकमा यसै बमोजिम र अन्य कुराहरुको हकमा प्रचलित संघीय नियम कानून र स्थानीय सरकारको कानून बमोजिम हुनेछ ।

१७. यो सहमति पत्रमा कुनै थपघट/संशोधन गर्नुपर्ने भएमा दुवै पक्षको आपसी सहकार्यमा सम्बन्धित निकायबाट स्वीकृती लिनुपर्ने भएमा स्वीकृती लिई सहमति पत्रमा कुनै थपघट/संशोधन गर्न सकिनेछ ।



उपरोक्त बमोजिम गर्नेगरी हामी दुवै पक्षले यो समझदारी पत्र (Memorandum of Understanding) मा हस्ताक्षर गरी १०/१ प्रति बृत्ति लियौ दियौ ।

ने.वि.प्रा. दुधकोशी जलाशययुक्त जलविद्युत आयोजनाको तर्फबाट प्रथम पक्ष <i>Bamph</i> बसन्तध्वज श्रेष्ठ आयोजना प्रमुख	हलेसी तुवाचुङ नगरपालिकाको तर्फबाट दोश्रो पक्ष <i>Arav</i> विमला राई नगर प्रमुख
साक्षी	
<i>Rajesh</i> राजेश थपलिया उप-प्रबन्धक <i>Ratna</i> रत्न कुमर श्रेष्ठ उप-निर्देशक	<i>Ramesh</i> रमेश कुमार राउत नगर-उपप्रमुख <i>Prakash</i> रविकरण आचार्य नि.प्रमुख प्रशासकीय अधिकृत
<i>Murali</i> इन्जिनियर हेमराज बली	

इति सम्वत २०७९ साल ०३ महिना २३ गते रोज ५ शुभम् ।





हलेसी तुवाचुङ नगरपालिका
ཨཕུལ་ཁོ་རུ་ཡུལ་ཁོ་རུ་ཡུལ་ཁོ་རུ་ཡུལ་
नगर कार्यपालिकाको कार्यालय

पत्र संख्या : ०७८/७९
च.नं. : ३१८८

तुवाचुङ नगरपालिकाको कार्यालय
दुर्छिम, खोटाङ
१ नं. प्रदेश, नेपाल

दुर्छिम, खोटाङ
१ नं. प्रदेश, नेपाल

मिति २०७८/१२/२२

श्री नेपाल विद्युत प्राधिकरण
केन्द्रीय कार्यालय, काठमाण्डौ ।

विषय:- स्टिमेन्ट पठाईएको सम्बन्धमा ।

प्रस्तुत विषयमा यस हलेसी तुवाचुङ नगरपालिका अन्तर्गतका वडा नं. ०८ धितुङमा संचालन हुने दुधकोशी जलसाय युक्त जलविद्युत आयोजनाको पावर हाउस सम्म जाने सडकको प्राविधिक स्टिमेन्ट तयार गरि तहाँ कार्यालय यसै च.नं. साथ पठाईएको व्यहोरा अनुरोध छ ।

[Handwritten Signature]
.....

रविकिरण आचार्य
नि. प्रमुख प्रशासकीय अधिकृत

नि प्रमुख प्रशासकीय अधिकृत

1 No Province

Project Name: Dudhkoshi Storage Hydroelectric Project

Location: Halesi Tuwaching Municipality warda No-8,Dhiting

Gabion Volume Calculation

[illegible]

Civil Work Rs

5221392.00

Halesi Tuwaching Municipality

Office of the Municipal Executive

Durchhim, Khotang

1 No Province

Project Name: Dudhkoshi Storage Hydroelectric Project

Location: Halesi Tuwaching Municipality warda No-8, Dhitung

Average Earthwork Volume (Cutting) Calculation Of Road Line

S.n	Chainage (m)	Length (m)	Designed Breadth (m)	Existing Breadth (m)	Cut Breadth at Base (m)	Height (m)	Av. Height (m)	Cut Area (m ²)	Average Cut Area (m ²)	Cut Volume (m ³)	Remarks
		A	B	C	$X = (B+C) \cdot 0.5$	E	$Z = 0.5 \cdot (E1+E2)$	$Ar = (X \cdot Z)$	$Ar = 0.5 \cdot (Ar1 + Ar2)$	$(V = Ar \cdot A)$	
1	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	20	20	8.00	1.00	4.50	2.00	1.00	4.50	2.25	45.00	
3	40	20	8.00	1.00	1.00	3.00	2.50	2.50	3.50	70.00	
4	60	20	8.00	0.50	0.75	3.00	3.00	2.25	2.38	47.50	
5	80	20	8.00	0.50	0.50	4.00	3.50	1.75	2.00	40.00	
6	100	20	8.00	1.00	0.75	1.00	2.50	1.88	1.81	36.25	
7	120	20	8.00	0.50	0.75	0.00	0.50	0.38	1.13	22.50	
8	140	20	8.00	0.00	0.25	0.00	0.00	0.00	0.19	3.75	
9	160	20	8.00	1.00	0.50	2.50	1.25	0.63	0.31	6.25	
10	180	20	8.00	0.50	0.75	3.00	2.75	2.06	1.34	26.88	
11	200	20	8.00	1.00	0.75	3.00	3.00	2.25	2.16	43.13	
12	220	20	8.00	1.00	1.00	4.00	3.50	3.50	2.88	57.50	
13	240	20	8.00	1.50	1.25	2.00	3.00	3.75	3.63	72.50	
14	260	20	8.00	1.00	1.25	4.00	3.00	3.75	3.75	75.00	
15	280	20	8.00	1.50	1.25	2.00	3.00	3.75	3.75	75.00	
16	300	20	8.00	0.50	1.00	5.00	3.50	3.50	3.63	72.50	
17	320	20	8.00	0.50	0.50	2.00	3.50	1.75	2.63	52.50	
18	340	20	8.00	1.00	0.75	4.00	3.00	2.25	2.00	40.00	
19	360	20	8.00	1.00	1.00	3.00	3.50	3.50	2.88	57.50	
20	380	20	8.00	1.00	1.00	2.00	2.50	2.50	3.00	60.00	
21	400	20	8.00	1.00	1.00	4.00	3.00	3.00	2.75	55.00	
22	420	20	8.00	1.00	1.00	5.00	4.50	4.50	3.75	75.00	

प्राप्त

प्राप्त

23	440	20	8.00	1.00	1.00	2.00	3.50	3.50	4.00	80.00
24	460	20	8.00	1.50	1.25	4.00	3.00	3.75	3.63	72.50
25	480	20	8.00	2.00	1.75	5.00	4.50	7.88	5.81	116.25
26	500	20	8.00	0.50	1.25	5.00	5.00	6.25	7.06	141.25
27	520	20	8.00	2.00	1.25	4.00	4.50	5.63	5.94	118.75
28	540	20	8.00	2.00	2.00	6.00	5.00	10.00	7.81	156.25
29	560	20	8.00	2.00	2.00	5.00	5.50	11.00	10.50	210.00
30	580	20	8.00	1.50	1.75	5.00	5.00	8.75	9.88	197.50
31	600	20	8.00	1.00	1.25	4.00	4.50	5.63	7.19	143.75
32	620	20	8.00	0.50	0.75	5.00	4.50	3.38	4.50	90.00
33	640	20	8.00	2.00	1.25	4.00	4.50	5.63	4.50	90.00
34	660	20	8.00	0.50	1.25	5.00	4.50	5.63	5.63	112.50
35	680	20	8.00	1.00	0.75	4.00	4.50	3.38	4.50	90.00
36	700	20	8.00	2.00	1.50	6.00	5.00	7.50	5.44	108.75
37	720	20	8.00	2.00	2.00	4.00	5.00	10.00	8.75	175.00
38	740	20	8.00	2.00	2.00	5.00	4.50	9.00	9.50	190.00
39	760	20	8.00	2.00	2.00	6.00	5.50	11.00	10.00	200.00
40	780	20	8.00	2.00	2.00	2.00	4.00	8.00	9.50	190.00
41	800	20	8.00	1.50	1.75	4.00	3.00	5.25	6.63	132.50
42	820	20	8.00	2.00	1.75	2.00	3.00	5.25	5.25	105.00
43	840	20	8.00	2.00	2.00	2.00	2.00	4.00	4.63	92.50
44	860	20	8.00	2.00	2.00	5.00	3.50	7.00	5.50	110.00
45	880	20	8.00	2.00	2.00	4.00	4.50	9.00	8.00	160.00
46	900	20	8.00	2.00	2.00	2.00	3.00	6.00	7.50	150.00
47	920	20	8.00	1.50	1.75	2.00	2.00	3.50	4.75	95.00
48	940	20	8.00	1.00	1.25	6.00	4.00	5.00	4.25	85.00
49	960	20	8.00	2.00	1.50	4.00	5.00	7.50	6.25	125.00
50	980	20	8.00	3.00	2.50	5.00	4.50	11.25	9.38	187.50
51	1000	20	8.00	2.00	2.50	2.00	3.50	8.75	10.00	200.00
52	1020	20	8.00	2.00	2.00	5.00	3.50	7.00	7.88	157.50
53	1040	20	8.00	1.00	1.50	2.00	3.50	5.25	6.13	122.50
54	1060	20	8.00	2.00	1.50	2.00	2.00	3.00	4.13	82.50
55	1080	20	8.00	2.00	2.00	4.00	3.00	6.00	4.50	90.00
56	1100	20	8.00	2.00	2.00	6.00	5.00	10.00	8.00	160.00
57	1120	20	8.00	2.00	2.00	2.00	4.00	8.00	9.00	180.00
58	1140	20	8.00	2.00	2.00	4.00	3.00	6.00	7.00	140.00
59	1160	20	8.00	1.00	1.50	5.00	4.50	6.75	6.38	127.50

प्रमुख प्रशासक अधिकृत

प्रमुख अधिकारी
सब-इन्जिनियर

प्रमुख-इन्जिनियर

60	1180	20	8.00	2.00	1.50	6.00	5.50	8.25	7.50	150.00	
61	1200	20	8.00	2.00	2.00	4.00	5.00	10.00	9.13	182.50	
62	1220	20	8.00	1.50	1.75	6.00	5.00	8.75	9.38	187.50	
63	1240	20	8.00	2.00	1.75	2.00	4.00	7.00	7.88	157.50	
64	1260	20	8.00	1.50	1.75	2.00	2.00	3.50	5.25	105.00	
65	1280	20	8.00	2.00	1.75	4.00	3.00	5.25	4.38	87.50	
66	1300	20	8.00	1.00	1.50	4.00	4.00	6.00	5.63	112.50	
67	1320	20	8.00	2.00	1.50	5.00	4.50	6.75	6.38	127.50	
68	1340	20	8.00	1.00	1.50	6.00	5.50	8.25	7.50	150.00	
69	1360	20	8.00	2.00	1.50	6.00	6.00	9.00	8.63	172.50	
70	1380	20	8.00	1.00	1.50	7.00	6.50	9.75	9.38	187.50	
71	1400	20	8.00	1.00	1.00	2.00	4.50	4.50	7.13	142.50	
72	1420	20	8.00	2.00	1.50	6.00	4.00	6.00	5.25	105.00	
73	1440	20	8.00	1.00	1.50	2.00	4.00	6.00	6.00	120.00	
74	1460	20	8.00	2.00	1.50	2.00	2.00	3.00	4.50	90.00	
75	1480	20	8.00	2.00	2.00	5.00	3.50	7.00	5.00	100.00	
76	1500	20	8.00	2.00	2.00	6.00	5.50	11.00	9.00	180.00	
77	1520	20	8.00	2.00	2.00	2.00	4.00	8.00	9.50	190.00	
78	1540	20	8.00	1.50	1.75	2.00	2.00	3.50	5.75	115.00	
79	1560	20	8.00	1.50	1.50	2.00	2.00	3.00	3.25	65.00	
80	1580	20	8.00	1.00	1.25	2.00	2.00	2.50	2.75	55.00	
81	1600	20	8.00	2.00	1.50	2.00	2.00	3.00	2.75	55.00	
82	1620	20	8.00	3.00	2.50	2.00	2.00	5.00	4.00	80.00	
83	1640	20	8.00	0.50	1.75	2.00	2.00	3.50	4.25	85.00	
84	1660	20	8.00	3.00	1.75	2.00	2.00	3.50	3.50	70.00	
85	1680	20	8.00	1.00	2.00	2.00	2.00	4.00	3.75	75.00	
86	1700	20	8.00	2.00	1.50	4.00	3.00	4.50	4.25	85.00	
87	1720	20	8.00	1.00	1.50	5.00	4.50	6.75	5.63	112.50	
88	1740	20	8.00	3.00	2.00	6.00	5.50	11.00	8.88	177.50	
89	1760	20	8.00	2.00	2.50	5.00	5.50	13.75	12.38	247.50	
90	1780	20	8.00	3.00	2.50	8.00	6.50	16.25	15.00	300.00	
91	1800	20	8.00	1.00	2.00	5.00	6.50	13.00	14.63	292.50	
92	1820	20	8.00	3.00	2.00	6.00	5.50	11.00	12.00	240.00	
93	1840	20	8.00	3.00	3.00	2.00	4.00	12.00	11.50	230.00	
94	1860	20	8.00	1.00	2.00	2.00	2.00	4.00	8.00	160.00	
95	1880	20	8.00	2.00	1.50	2.00	2.00	3.00	3.50	70.00	
96	1900	20	8.00	0.75	1.38	2.00	2.00	2.75	2.88	57.50	

प्रमुख प्रशासकीय अधिकारी

परिष्कार-इ-डिजिटल

प्रमुख प्रशासकीय अधिकारी

97	1920	20	8.00	0.50	0.63	2.00	2.00	2.00	1.25	2.00	40.00
98	1940	20	8.00	1.00	0.75	2.00	2.00	2.00	1.50	1.38	27.50
99	1960	20	8.00	0.50	0.75	2.00	2.00	2.00	1.50	1.50	30.00
100	1980	20	8.00	0.50	0.50	2.00	2.00	2.00	1.00	1.25	25.00
101	2000	20	8.00	2.00	1.25	2.00	2.00	2.00	2.50	1.75	35.00
102	2020	20	8.00	2.00	2.00	2.00	2.00	2.00	4.00	3.25	65.00
103	2040	20	8.00	0.50	1.25	2.00	2.00	2.00	2.50	3.25	65.00
104	2060	20	8.00	2.00	1.25	5.00	3.50	4.38	5.63	3.44	68.75
105	2080	20	8.00	0.25	1.13	5.00	5.00	5.00	5.63	5.00	100.00
106	2100	20	8.00	3.00	1.63	6.00	5.50	8.94	8.94	7.28	145.63
107	2120	20	8.00	1.00	2.00	2.00	4.00	8.00	8.00	8.47	169.38
108	2140	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	5.00	100.00
109	2160	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	40.00
110	2180	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	40.00
111	2200	20	8.00	0.50	0.75	2.00	2.00	1.50	1.50	1.75	35.00
112	2220	20	8.00	2.00	1.25	2.00	2.00	2.50	2.50	2.00	40.00
113	2240	20	8.00	1.00	1.50	2.00	2.00	3.00	3.00	2.75	55.00
114	2260	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	2.50	50.00
115	2280	20	8.00	2.00	1.50	2.00	2.00	3.00	3.00	2.50	50.00
116	2300	20	8.00	0.50	1.25	2.00	2.00	2.50	2.50	2.75	55.00
117	2320	20	8.00	1.00	0.75	2.00	2.00	1.50	1.50	2.00	40.00
118	2340	20	8.00	2.00	1.50	2.00	2.00	3.00	3.00	2.25	45.00
119	2360	20	8.00	1.50	1.75	2.00	2.00	3.50	3.50	3.25	65.00
120	2380	20	8.00	1.50	1.50	2.00	2.00	3.00	3.00	3.25	65.00
121	2400	20	8.00	1.00	1.25	2.00	2.00	2.50	2.50	2.75	55.00
122	2420	20	8.00	2.00	1.50	2.00	2.00	3.00	3.00	2.75	55.00
123	2440	20	8.00	2.00	2.00	2.00	2.00	4.00	4.00	3.50	70.00
124	2460	20	8.00	0.50	1.25	8.00	5.00	6.25	6.25	5.13	102.50
125	2480	20	8.00	1.00	0.75	6.00	7.00	5.25	5.25	5.75	115.00
126	2500	20	8.00	1.00	1.00	7.00	6.50	6.50	6.50	5.88	117.50
127	2520	20	8.00	0.50	0.75	6.00	6.50	4.88	4.88	5.69	113.75
128	2540	20	8.00	2.00	1.25	5.00	5.50	6.88	6.88	5.88	117.50
129	2560	20	8.00	2.00	2.00	4.00	4.50	9.00	9.00	7.94	158.75
130	2580	20	8.00	2.00	2.00	5.00	4.50	9.00	9.00	9.00	180.00
131	2600	20	8.00	2.00	2.00	6.00	5.50	11.00	11.00	10.00	200.00
132	2620	20	8.00	1.50	1.75	5.00	5.50	9.63	9.63	10.31	206.25
133	2640	20	8.00	1.00	1.25	6.00	5.50	6.88	6.88	8.25	165.00

म. सव-इन्जिनियर

रमेश कुमार
सव-इन्जिनियर

सव-इन्जिनियर

134	2660	20	8.00	1.00	1.00	4.00	5.00	5.00	5.00	5.94	118.75	
135	2680	20	8.00	1.50	1.25	6.00	5.00	6.25	5.63	112.50		
136	2700	20	8.00	0.50	1.00	5.00	5.50	5.50	5.88	117.50		
137	2720	20	8.00	1.00	0.75	4.00	4.50	3.38	4.44	88.75		
138	2740	20	8.00	1.00	1.00	6.00	5.00	5.00	4.19	83.75		
139	2760	20	8.00	1.00	1.00	5.00	5.50	5.50	5.25	105.00		
140	2780	20	8.00	1.00	1.00	6.00	5.50	5.50	5.50	110.00		
141	2800	20	8.00	2.50	1.75	2.00	4.00	7.00	6.25	125.00		
142	2820	20	8.00	2.00	2.25	5.00	3.50	7.88	7.44	148.75		
143	2840	20	8.00	2.00	2.00	2.00	3.50	7.00	7.44	148.75		
144	2860	20	8.00	1.00	1.50	4.00	3.00	4.50	5.75	115.00		
145	2880	20	8.00	1.00	1.00	2.00	3.00	3.00	3.75	75.00		
146	2900	20	8.00	1.00	1.00	5.00	3.50	3.50	3.25	65.00		
147	2920	20	8.00	0.50	0.75	2.00	3.50	2.63	3.06	61.25		
148	2940	20	8.00	2.00	1.25	2.00	2.00	2.50	2.56	51.25		
149	2960	20	8.00	1.00	1.50	2.00	2.00	3.00	2.75	55.00		
150	2980	20	8.00	0.50	0.75	2.00	2.00	1.50	2.25	45.00		
151	3000	20	8.00	1.00	0.75	5.00	3.50	2.63	2.06	41.25		
152	3020	20	8.00	0.50	0.75	4.00	4.50	3.38	3.00	60.00		
153	3040	20	8.00	1.00	0.75	2.00	3.00	2.25	2.81	56.25		
154	3060	20	8.00	1.00	1.00	4.00	3.00	3.00	2.63	52.50		
155	3080	20	8.00	1.00	1.00	2.00	3.00	3.00	3.00	60.00		
156	3100	20	8.00	0.50	0.75	2.00	2.00	1.50	2.25	45.00		
157	3120	20	8.00	1.00	0.75	2.00	2.00	1.50	1.50	30.00		
158	3140	20	8.00	1.00	1.00	4.00	3.00	3.00	2.25	45.00		
159	3160	20	8.00	1.50	1.25	3.00	3.50	4.38	3.69	73.75		
160	3180	20	8.00	1.00	1.25	4.00	3.50	4.38	4.38	87.50		
161	3200	20	8.00	1.00	1.00	2.00	3.00	3.00	3.69	73.75		
162	3220	20	8.00	1.00	1.00	5.00	3.50	3.50	3.25	65.00		
163	3240	20	8.00	0.50	0.75	4.00	4.50	3.38	3.44	68.75		
164	3260	20	8.00	1.50	1.00	2.00	3.00	3.00	3.19	63.75		
165	3280	20	8.00	1.00	1.25	2.00	2.00	2.50	2.75	55.00		
166	3300	20	8.00	1.50	1.25	2.00	2.00	2.50	2.50	50.00		
167	3320	20	8.00	2.00	1.75	2.00	2.00	3.50	3.00	60.00		
168	3340	20	8.00	1.00	1.50	2.00	2.00	3.00	3.25	65.00		
169	3360	20	8.00	1.50	1.25	2.00	2.00	2.50	2.75	55.00		
170	3380	20	8.00	1.50	1.50	2.00	2.00	3.00	2.75	55.00		

प्रमुख अधिकारी
प्रमुख अधिकारी

सर्व-इन्जिनियर
सर्व-इन्जिनियर

सर्व-इन्जिनियर

171	3400	20	8.00	1.00	1.25	2.00	2.00	2.50	2.75	55.00	
172	3420	20	8.00	1.00	1.00	2.00	2.00	2.00	2.25	45.00	
173	3440	20	8.00	2.00	1.50	2.00	2.00	3.00	2.50	50.00	
174	3460	20	8.00	1.50	1.75	2.00	2.00	3.50	3.25	65.00	
175	3480	20	8.00	1.00	1.25	2.00	2.00	2.50	3.00	60.00	
176	3500	20	8.00	1.00	1.00	2.00	2.00	2.00	2.25	45.00	
177	3520	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	40.00	
178	3540	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	40.00	
179	3560	20	8.00	1.00	1.00	2.00	2.00	2.00	2.00	40.00	
180	3580	20	8.00	1.50	1.25	2.00	2.00	2.50	2.25	45.00	
Total										17520.00	

Soil type		17520.00	Percentage
Average excavating (Soft soil)		11388.00	65%
Average excavating (Hard soil)		2628.00	15%
Rather Difficult excavating (medium/ soft rock)		1752.00	10%
Hard Rock Cutting		1752.00	10%
Total Quantity		17520.00	100%

सर्वप्रमाणित
प्रमाणित प्रमाणित प्रमाणित

परीक्षा

प्रमाणित

न. सर्व-प्रमाणित

Halesi Tuwaching Municipality
Office of the Municipal Executive
Durchhim, Khotang

Abstract Cost

1 No Province

Project Name: Dudhkoshi Storage Hydroelectric Project
Location: Halesi Tuwaching Municipality ward No-8, Dhitung

S.N	Description Of Work (col 1)	NO (col 2)	Length(m) (col 3)	Breadth(m) (col 4)	Height(m) (col 5)	Quantity (col 6)	Unit (col 7)	User Committe Rate (col 8)	User Committee Rate + VAT(13%) (col 9)	Total User Committee Amount (col 6)X(col 9)	Remarks
1	Earthwork Excavation										
a	For Gabion	1	100	4	1	400	Cum	555.17	627.34	250,936.84	
2	Gabion Procurement					6600.00	Sq.m	242	273.46	1,804,836.00	
3	Gabion Filling Work					1200.00	Cum	3,020.16	3412.78	4,095,336.96	
4	Stone Solling Work	1	130	8	0.15	156	Cum	3,942.12	4454.60	694,916.91	
5	Hume Pipe NP3	30	2.5			60	Rpm	15,400.00	17402.00	1,044,120.00	
6	Road Earthwork									-	
a	Average excavating (Soft soil)					11388.00	Cum	47.06	53.18	605,588.79	
b	Average excavating (Hard soil)					2628.00	Cum	69.48	78.51	206,330.59	
c	Rather Difficult excavating (medium/ soft rock)					1752.00	Cum	134.82	152.35	266,911.24	
d	Hard Rock Cuting					1752.00	Cum	234.63	265.13	464,511.09	
	Total									9,433,488.42	
7	Civil Supervision/layout Cost (3%)									283,004.65	
8	Provisional Cost(3%)									283,004.65	
9	Grand Total									9,999,497.72	

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प्रमुख प्रशासकीय अधिकृत

Design Specification

Works shall be performed in accordance with acceptable standards, Norms of department of Road (DOR) and Municipality and as provided by Dudhkoshi Storage Hydroelectric project, Nepal Electricity Authority.

S.N.	Descriptions	units
1.	Length of road	3600m
2.	Road width	7m
3.	Camber slope	3%
4.	Design speed	30Km/hr
5.	Minimum curve radius	15m
6.	Minimum grade	1.5%
7.	Minimum super elevation	3%
8.	Right of way	10m either direction
9.	Starting chainage	0m (Surge tank Area)
10.	Ending chainage	3+600m(tailrace)

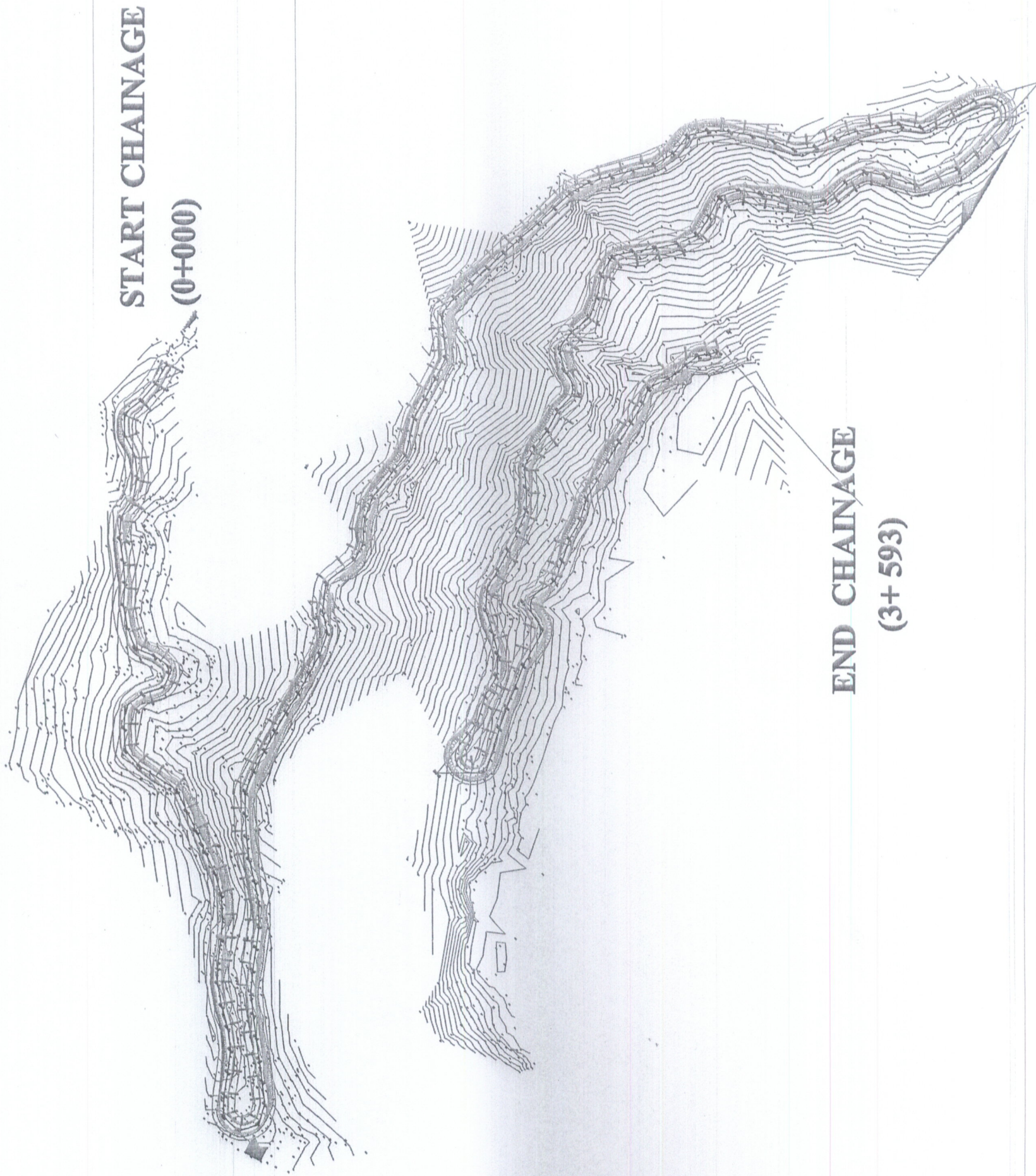
Table 1 Embankment Side Slopes

Height, m	Side Slope(vertical:horizontal)
<1.5	1:4
1.5-3.0	1:3
3.0-4.5	1:2.5
4.5-12.0	1:2
>12.0	Design specially

Table 2 Cuttings side slopes

Soil type	Side Slope(vertical:horizontal)
Ordinary Soil	1:2 to 1:1
Disintegrated rock or conglomerate	1: $\frac{1}{2}$ to 1: $\frac{1}{4}$
Soft rock, shale	1: $\frac{1}{4}$ to 1: $\frac{1}{8}$
Medium Rock	1: $\frac{1}{12}$ to 1: $\frac{1}{16}$
Hard Rock	Almost vertical

ROAD ALIGNMENT



Ratekhola(Surge tank Area) to Baikhukhola (Tailrace)						
SN	EASTING(E)	Northing(N)	Elevation(Z)	Remarks	Distance(m)	Chainage
100	464209.44	3002899.25	611.02	Road Center-1	0.00	0+000
101	464206.44	3002914.18	607.53	Road Center-2	15.23	0+015
102	464200.91	3002924.47	602.72	Road Center-3	11.67	0+027
103	464198.03	3002945.88	600.25	Road Center-4	21.61	0+049
104	464203.44	3002958.48	601.61	Road Center-5	13.71	0+062
105	464199.59	3002970.91	602.55	Road Center-6	13.01	0+075
106	464191.20	3002977.80	602.65	Road Center-7	10.85	0+086
107	464175.62	3002983.39	598.80	Road Center-8	16.55	0+103
108	464160.68	3002988.26	594.04	Road Center-9	15.72	0+118
109	464135.18	3003007.76	580.51	Road Center-10	32.10	0+150
110	464123.00	3003014.00	1000.00	Road Center-11	13.68	0+164
111	464119.16	3003018.83	566.93	Road Center-12	6.17	0+170
112	464117.48	3003023.68	567.03	Road Center-13	5.14	0+175
113	464112.39	3003029.52	572.35	Road Center-14	7.75	0+183
114	464105.97	3003033.40	573.56	Road Center-15	7.50	0+191
115	464098.01	3003039.79	572.01	Road Center-16	10.21	0+201
116	464090.67	3003047.00	571.77	Road Center-17	10.29	0+211
117	464081.33	3003058.12	569.66	Road Center-18	14.52	0+226
118	464068.50	3003069.54	565.48	Road Center-19	17.17	0+243
119	464061.85	3003079.06	565.98	Road Center-20	11.62	0+255
120	464049.03	3003091.09	568.16	Road Center-21	17.57	0+272
121	464040.43	3003095.11	567.55	Road Center-22	9.50	0+282
122	464033.04	3003096.78	567.48	Road Center-23	7.57	0+289
123	464022.59	3003098.55	570.04	Road Center-24	10.60	0+300
124	464014.60	3003097.26	570.62	Road Center-25	8.09	0+308
125	464004.73	3003091.09	568.88	Road Center-26	11.64	0+319
126	463994.55	3003089.66	568.62	Road Center-27	10.28	0+330
127	463984.07	3003090.92	561.49	Road Center-28	10.56	0+340
128	463980.00	3003095.00	559.12	Road Center-29	5.76	0+346
129	463973.15	3003120.00	555.10	Road Center-30	25.92	0+372
130	463972.19	3003136.30	549.10	Road Center-31	16.33	0+388
131	463970.27	3003145.74	543.11	Road Center-32	9.62	0+398
132	463965.00	3003153.00	545.22	Road Center-33	8.97	0+407
133	463951.72	3003158.88	549.22	Road Center-34	14.53	0+421
134	463930.16	3003166.93	556.72	Road Center-35	23.01	0+444
135	463919.84	3003170.89	554.72	Road Center-36	11.06	0+456
136	463897.28	3003178.21	549.84	Road Center-37	23.72	0+479
137	463878.61	3003185.03	551.12	Road Center-38	19.88	0+499
138	463871.98	3003187.85	553.88	Road Center-39	7.20	0+506
139	463848.15	3003196.37	548.90	Road Center-40	25.31	0+532
140	463836.91	3003202.85	544.90	Road Center-41	12.97	0+545
141	463831.68	3003208.21	546.30	Road Center-42	7.49	0+552
142	463826.51	3003211.79	547.63	Road Center-43	6.29	0+558
143	463817.21	3003220.22	546.20	Road Center-44	12.55	0+571
144	463810.03	3003229.37	541.28	Road Center-45	11.63	0+583
145	463804.35	3003236.68	541.80	Road Center-46	9.26	0+592
146	463791.21	3003253.91	543.80	Road Center-47	21.67	0+613
147	463787.48	3003257.76	541.81	Road Center-48	5.36	0+619

148	463779.85	3003264.54	543.80	Road Center-49	10.21	0+629
149	463773.09	3003268.95	545.31	Road Center-50	8.07	0+637
150	463758.88	3003278.72	542.24	Road Center-51	17.24	0+654
151	463745.08	3003285.30	542.88	Road Center-52	15.29	0+670
152	463733.51	3003294.54	545.62	Road Center-53	14.81	0+684
153	463727.86	3003300.48	546.28	Road Center-54	8.20	0+693
154	463723.97	3003305.87	547.60	Road Center-55	6.65	0+699
155	463710.14	3003323.92	540.03	Road Center-56	22.74	0+722
156	463704.39	3003332.97	536.10	Road Center-57	10.73	0+733
157	463700.00	3003338.00	533.60	Road Center-58	6.67	0+739
158	463693.05	3003343.17	529.95	Road Center-59	8.66	0+748
159	463685.58	3003345.33	529.82	Road Center-60	7.79	0+756
160	463677.34	3003342.80	528.61	Road Center-61	8.62	0+765
161	463671.04	3003338.84	527.88	Road Center-62	7.44	0+772
162	463666.32	3003328.68	530.55	Road Center-63	11.21	0+783
163	463667.12	3003319.56	530.22	Road Center-64	9.15	0+792
164	463672.47	3003310.59	530.18	Road Center-65	10.45	0+803
165	463692.61	3003295.34	526.11	Road Center-66	25.27	0+828
166	463702.13	3003288.19	527.80	Road Center-67	11.90	0+840
167	463713.13	3003280.12	525.10	Road Center-68	13.64	0+854
168	463723.27	3003272.51	523.10	Road Center-69	12.69	0+866
169	463737.66	3003261.44	526.02	Road Center-70	18.15	0+884
170	463752.28	3003250.30	522.92	Road Center-71	18.39	0+903
171	463761.60	3003240.99	519.63	Road Center-72	13.17	0+916
172	463774.68	3003222.68	514.69	Road Center-73	22.50	0+938
173	463791.35	3003200.82	515.14	Road Center-74	27.49	0+966
174	463800.39	3003190.18	514.14	Road Center-75	13.96	0+980
175	463809.26	3003183.79	516.86	Road Center-76	10.93	0+991
176	463824.79	3003173.39	513.54	Road Center-77	18.70	1+010
177	463833.45	3003168.34	509.22	Road Center-78	10.02	1+020
178	463842.97	3003162.84	507.62	Road Center-79	10.99	1+031
179	463865.98	3003143.69	506.12	Road Center-80	29.94	1+060
180	463884.00	3003127.00	499.23	Road Center-81	24.56	1+085
181	463890.48	3003115.48	498.50	Road Center-82	13.22	1+098
182	463894.65	3003100.06	493.63	Road Center-83	15.97	1+114
183	463902.19	3003078.87	503.54	Road Center-84	22.49	1+137
184	463906.91	3003062.77	497.90	Road Center-85	16.78	1+154
185	463912.06	3003045.19	495.30	Road Center-86	18.32	1+172
186	463915.60	3003032.15	497.55	Road Center-87	13.51	1+185
187	463917.74	3003019.76	497.22	Road Center-88	12.57	1+198
188	463922.60	3003008.18	493.66	Road Center-89	12.56	1+210
189	463925.27	3003001.68	493.62	Road Center-90	7.03	1+218
190	463928.07	3002984.37	489.56	Road Center-91	17.53	1+235
191	463936.99	3002972.09	489.56	Road Center-92	15.18	1+250
192	463944.25	3002966.67	487.43	Road Center-93	9.06	1+259
193	463954.63	3002962.85	484.10	Road Center-94	11.06	1+270
194	463961.82	3002959.82	483.72	Road Center-95	7.81	1+278
195	463965.00	3002957.06	482.11	Road Center-96	4.21	1+282
196	463969.39	3002949.19	475.23	Road Center-97	9.00	1+291
197	463969.91	3002931.57	486.82	Road Center-98	17.63	1+309

198	463969.08	3002914.53	485.33	Road Center-99	17.05	1+326
199	463968.81	3002901.62	482.10	Road Center-100	12.91	1+339
200	463977.68	3002887.89	483.42	Road Center-101	16.34	1+355
201	463980.80	3002883.42	481.11	Road Center-102	5.46	1+361
202	463987.20	3002874.40	478.34	Road Center-103	11.06	1+372
203	463992.50	3002862.00	481.56	Road Center-104	13.49	1+385
204	463996.22	3002851.31	485.38	Road Center-105	11.32	1+397
205	463999.71	3002839.99	487.52	Road Center-106	11.84	1+408
206	464003.15	3002830.88	493.52	Road Center-107	9.74	1+418
207	464004.43	3002824.28	493.07	Road Center-108	6.73	1+425
208	464007.24	3002814.22	493.57	Road Center-109	10.44	1+435
209	464009.94	3002805.68	489.66	Road Center-110	8.96	1+444
210	464014.60	3002794.06	485.38	Road Center-111	12.52	1+457
211	464018.06	3002781.28	483.45	Road Center-112	13.24	1+470
212	464022.16	3002766.17	483.45	Road Center-113	15.66	1+486
213	464025.17	3002757.33	483.56	Road Center-114	9.34	1+495
214	464028.70	3002746.95	481.27	Road Center-115	10.96	1+506
215	464032.53	3002733.93	478.33	Road Center-116	13.57	1+520
216	464034.40	3002727.57	478.63	Road Center-117	6.63	1+526
217	464036.47	3002722.57	476.96	Road Center-118	5.41	1+532
218	464043.48	3002716.70	477.53	Road Center-119	9.14	1+541
219	464049.57	3002713.61	476.95	Road Center-120	6.83	1+548
220	464057.35	3002711.60	476.63	Road Center-121	8.03	1+556
221	464063.77	3002705.81	470.96	Road Center-122	8.65	1+564
222	464067.57	3002699.40	467.23	Road Center-123	7.45	1+572
223	464069.07	3002692.79	471.12	Road Center-124	6.78	1+579
224	464068.19	3002671.02	473.22	Road Center-125	21.79	1+600
225	464066.87	3002651.58	472.01	Road Center-126	19.49	1+620
226	464066.66	3002630.35	472.33	Road Center-127	21.22	1+641
227	464065.93	3002607.04	464.04	Road Center-128	23.33	1+664
228	464063.97	3002590.29	465.83	Road Center-129	16.86	1+681
229	464063.38	3002579.46	466.93	Road Center-130	10.84	1+692
230	464062.49	3002557.81	466.55	Road Center-131	21.67	1+714
231	464062.14	3002547.61	464.63	Road Center-132	10.21	1+724
232	464062.08	3002541.46	452.12	Road Center-133	6.15	1+730
233	464060.38	3002529.58	462.77	Road Center-134	12.01	1+742
234	464055.72	3002522.25	465.72	Road Center-135	8.68	1+751
235	464050.24	3002512.17	463.60	Road Center-136	11.48	1+762
236	464042.42	3002498.46	459.03	Road Center-137	15.78	1+778
237	464036.85	3002487.92	453.62	Road Center-138	11.92	1+790
238	464031.05	3002478.82	457.20	Road Center-139	10.79	1+801
239	464026.30	3002470.65	460.86	Road Center-140	9.45	1+810
240	464023.14	3002463.21	456.78	Road Center-141	8.08	1+818
241	464021.76	3002455.72	452.77	Road Center-142	7.62	1+826
242	464023.08	3002445.39	462.96	Road Center-143	10.41	1+836
243	464024.86	3002437.59	465.88	Road Center-144	8.00	1+844
244	464024.13	3002429.01	462.95	Road Center-145	8.62	1+853
245	464021.58	3002422.79	457.62	Road Center-146	6.72	1+860
246	464015.64	3002416.62	458.53	Road Center-147	8.57	1+868
247	464008.77	3002412.12	456.74	Road Center-148	8.21	1+876

248	463997.40	3002399.94	452.68	Road Center-149	16.66	1+893
249	463977.33	3002386.49	448.22	Road Center-150	24.16	1+917
250	463958.53	3002376.14	446.23	Road Center-151	21.46	1+939
251	463947.00	3002372.38	445.87	Road Center-152	12.13	1+951
252	463938.22	3002361.41	443.96	Road Center-153	14.05	1+965
253	463929.56	3002341.94	440.23	Road Center-154	21.31	1+986
254	463926.42	3002330.38	439.77	Road Center-155	11.98	1+998
255	463917.09	3002316.04	438.20	Road Center-156	17.10	2+015
256	463905.21	3002299.96	440.96	Road Center-157	19.99	2+035
257	463895.69	3002287.06	440.74	Road Center-158	16.03	2+051
258	463885.10	3002280.16	439.65	Road Center-159	12.64	2+064
259	463874.43	3002272.63	439.24	Road Center-160	13.06	2+077
260	463867.65	3002262.68	437.55	Road Center-161	12.04	2+089
261	463862.62	3002252.63	435.55	Road Center-162	11.24	2+100
262	463860.42	3002238.71	436.42	Road Center-163	14.09	2+114
263	463864.04	3002220.36	444.20	Road Center-164	18.70	2+133
264	463860.63	3002208.73	443.13	Road Center-165	12.12	2+145
265	463852.93	3002203.03	437.27	Road Center-166	9.58	2+155
266	463843.91	3002202.09	433.82	Road Center-167	9.07	2+164
267	463836.99	3002206.19	429.47	Road Center-168	8.04	2+172
268	463830.16	3002216.39	423.25	Road Center-169	12.28	2+184
269	463833.35	3002243.38	419.99	Road Center-170	27.17	2+211
270	463842.32	3002277.50	421.22	Road Center-171	35.28	2+247
271	463844.97	3002289.25	422.15	Road Center-172	12.04	2+259
272	463846.44	3002301.31	421.86	Road Center-173	12.15	2+271
273	463852.75	3002310.18	421.76	Road Center-174	10.89	2+282
274	463858.75	3002316.04	419.96	Road Center-175	8.39	2+290
275	463867.03	3002319.06	418.43	Road Center-176	8.82	2+299
276	463875.61	3002324.85	417.86	Road Center-177	10.35	2+309
277	463884.61	3002331.46	416.10	Road Center-178	11.16	2+320
278	463892.37	3002345.10	415.11	Road Center-179	15.70	2+336
279	463895.76	3002361.68	415.62	Road Center-180	16.93	2+353
280	463898.89	3002376.84	418.76	Road Center-181	15.47	2+369
281	463903.25	3002387.48	419.91	Road Center-182	11.51	2+380
282	463910.02	3002396.11	420.88	Road Center-183	10.96	2+391
283	463918.51	3002404.71	415.70	Road Center-184	12.08	2+403
284	463927.08	3002410.41	415.70	Road Center-185	10.30	2+413
285	463939.99	3002420.20	410.03	Road Center-186	16.20	2+430
286	463950.43	3002427.93	404.55	Road Center-187	12.99	2+443
287	463960.04	3002434.84	407.44	Road Center-188	11.84	2+454
288	463965.83	3002444.94	408.21	Road Center-189	11.64	2+466
289	463967.17	3002455.22	405.63	Road Center-190	10.36	2+476
290	463958.54	3002470.71	406.83	Road Center-191	17.73	2+494
291	463955.00	3002482.78	405.42	Road Center-192	12.58	2+507
292	463957.00	3002497.00	400.23	Road Center-193	14.36	2+521
293	463968.16	3002514.06	394.63	Road Center-194	20.39	2+541
294	463980.81	3002533.89	398.88	Road Center-195	23.52	2+565
295	463991.71	3002545.64	395.76	Road Center-196	16.03	2+581
296	463996.32	3002554.92	391.16	Road Center-197	10.36	2+591
297	463997.00	3002559.00	389.41	Road Center-198	4.14	2+596

298	463995.63	3002567.27	393.55	Road Center-199	8.38	2+604
299	463987.73	3002579.50	389.15	Road Center-200	14.56	2+618
300	463981.63	3002586.86	391.16	Road Center-201	9.55	2+628
301	463973.86	3002601.06	390.86	Road Center-202	16.19	2+644
302	463970.46	3002608.80	392.86	Road Center-203	8.45	2+653
303	463969.15	3002616.37	393.90	Road Center-204	7.69	2+660
304	463973.66	3002632.90	387.29	Road Center-205	17.14	2+677
305	463973.59	3002640.99	383.95	Road Center-206	8.09	2+686
306	463973.00	3002646.00	380.96	Road Center-207	5.04	2+691
307	463969.24	3002651.86	385.15	Road Center-208	6.96	2+698
308	463962.01	3002655.49	389.78	Road Center-209	8.09	2+706
309	463949.09	3002660.65	391.89	Road Center-210	13.91	2+720
310	463941.33	3002664.76	394.82	Road Center-211	8.78	2+728
311	463928.65	3002677.65	387.55	Road Center-212	18.08	2+746
312	463925.07	3002689.74	382.56	Road Center-213	12.61	2+759
313	463921.84	3002696.44	382.23	Road Center-214	7.43	2+766
314	463921.44	3002705.73	382.56	Road Center-215	9.30	2+776
315	463923.53	3002728.84	386.76	Road Center-216	23.21	2+799
316	463920.02	3002737.05	380.76	Road Center-217	8.93	2+808
317	463915.63	3002745.11	375.21	Road Center-218	9.17	2+817
318	463911.75	3002750.44	379.89	Road Center-219	6.60	2+824
319	463896.65	3002758.39	380.56	Road Center-220	17.06	2+841
320	463890.34	3002766.53	379.24	Road Center-221	10.29	2+851
321	463884.97	3002774.56	376.42	Road Center-222	9.66	2+861
322	463883.29	3002781.41	374.42	Road Center-223	7.05	2+868
323	463877.14	3002797.54	369.66	Road Center-224	17.26	2+885
324	463872.48	3002811.88	370.08	Road Center-225	15.08	2+900
325	463870.85	3002817.33	370.11	Road Center-226	5.69	2+906
326	463867.41	3002829.00	370.26	Road Center-227	12.17	2+918
327	463865.10	3002840.76	367.17	Road Center-228	11.99	2+930
328	463863.65	3002844.59	367.65	Road Center-229	4.09	2+934
329	463854.02	3002856.52	373.56	Road Center-230	15.34	2+949
330	463843.38	3002863.07	373.95	Road Center-231	12.49	2+962
331	463831.98	3002868.15	368.56	Road Center-232	12.48	2+974
332	463810.92	3002880.56	361.42	Road Center-233	24.45	2+999
333	463802.86	3002890.07	360.45	Road Center-234	12.47	3+011
334	463798.61	3002901.70	360.22	Road Center-235	12.38	3+024
335	463794.85	3002924.47	364.11	Road Center-236	23.08	3+047
336	463790.21	3002943.11	367.55	Road Center-237	19.21	3+066
337	463786.91	3002958.16	371.11	Road Center-238	15.41	3+081
338	463784.21	3002966.80	372.55	Road Center-239	9.05	3+090
339	463776.91	3002974.86	372.62	Road Center-240	10.88	3+101
340	463765.68	3002975.92	366.86	Road Center-241	11.27	3+113
341	463757.72	3002972.72	361.23	Road Center-242	8.58	3+121
342	463753.26	3002965.53	354.68	Road Center-243	8.46	3+130
343	463752.23	3002958.48	351.11	Road Center-244	7.13	3+137
344	463759.77	3002936.63	348.89	Road Center-245	23.12	3+160
345	463770.55	3002917.17	348.56	Road Center-246	22.24	3+182
346	463774.59	3002908.57	347.13	Road Center-247	9.51	3+192
347	463782.92	3002888.87	347.10	Road Center-248	21.38	3+213

348	463793.05	3002867.58	345.94	Road Center-249	23.58	3+237
349	463803.99	3002845.08	341.96	Road Center-250	25.02	3+262
350	463810.61	3002830.19	337.10	Road Center-251	16.29	3+278
351	463815.24	3002818.35	324.91	Road Center-252	12.71	3+291
352	463822.07	3002805.17	331.24	Road Center-253	14.85	3+305
353	463828.74	3002788.70	334.40	Road Center-254	17.78	3+323
354	463837.22	3002771.89	335.86	Road Center-255	18.82	3+342
355	463844.62	3002756.61	340.86	Road Center-256	16.98	3+359
356	463852.40	3002740.51	342.33	Road Center-257	17.88	3+377
357	463856.09	3002731.79	343.12	Road Center-258	9.47	3+386
358	463859.89	3002717.30	334.62	Road Center-259	14.98	3+401
359	463861.96	3002709.45	329.63	Road Center-260	8.12	3+409
360	463864.23	3002697.88	331.75	Road Center-261	11.79	3+421
361	463868.80	3002684.32	328.63	Road Center-262	14.31	3+436
362	463873.70	3002670.87	327.82	Road Center-263	14.32	3+450
363	463876.74	3002657.95	327.23	Road Center-264	13.27	3+463
364	463880.79	3002646.14	330.74	Road Center-265	12.49	3+476
365	463892.74	3002635.69	335.11	Road Center-266	15.87	3+491
366	463898.77	3002628.84	336.02	Road Center-267	9.13	3+501
367	463903.86	3002621.45	332.75	Road Center-268	8.97	3+510
368	463904.06	3002614.77	328.12	Road Center-269	6.68	3+516
369	463901.12	3002607.83	336.11	Road Center-270	7.54	3+524
371	463894.74	3002594.44	341.14	Road Center-271	14.82	3+539
372	463884.29	3002575.34	325.78	Road Center-272	21.77	3+560
373	463877.65	3002563.76	325.11	Road Center-273	13.35	3+574
374	463867.87	3002546.71	323.19	Road Center-274	19.66	3+593

Field Data Surge tank Area to Tailrace Area				
SN	E	N	Z	Remarks
100	463532	3003114	332.163	SH
101	463533.3	3003110	329.42	KH
102	463533.7	3003117	336.23	SH
103	463537.4	3003125	353.231	SH
104	463538	3003115	337.2	SH
105	463540.7	3003121	347.36	SH
106	463540.9	3003117	342.125	SH
107	463544.9	3003112	334.711	SH
108	463547.1	3003117	339.701	SH
109	463549.6	3003125	348.22	SH
110	463550.9	3003128	353.231	SH
111	463551	3003110	328.146	KH
112	463551.7	3003122	345.22	SH
113	463552.8	3003113	329.669	SH
114	463555.2	3003115	337.384	SH
115	463556.2	3003115	336.478	SH
116	463556.7	3003117	337.282	SH
117	463557.2	3003115	332.125	SH
118	463561.1	3003127	348.22	SH
119	463561.2	3003118	339.448	SH
120	463563.9	3003122	343.1	SH
121	463567.7	3003100	324.86	KH
122	463569.4	3003124	348.081	SH
123	463569.6	3003118	339.475	SH
124	463570.7	3003119	335.603	SH
125	463571.6	3003119	338.693	SH
126	463571.8	3003112	329.66	SH
127	463575.2	3003123	344.156	SH
128	463578.4	3003127	352.632	SH
129	463582.4	3003273	504.982	KK-1
130	463582.4	3003273	504.982	KK-1
131	463582.4	3003273	504.982	KK-1
132	463582.4	3003273	504.98	KK-1
133	463582.4	3003273	504.98	KK-1
134	463582.4	3003273	504.98	KK-1
135	463582.5	3003117	336.76	SH
136	463583.3	3003112	332.204	SH
137	463584.7	3003123	344.156	SH
138	463586.4	3003089	321.176	KH
139	463590.6	3003125	348.56	SH
140	463593.8	3003085	320.673	KH
141	463594.5	3003101	331.864	SH
142	463594.6	3003100	331.122	SH
143	463596.1	3003118	343.155	SH
144	463597.5	3003113	340.08	SH
145	463600	3003281	508.832	SH
146	463600	3003281	508.832	SH
147	463600	3003281	508.832	SH
148	463601.2	3003095	326.064	SH
149	463602.4	3003121	348.56	SH
150	463602.8	3003278	507.498	SH
151	463602.8	3003278	507.498	SH
152	463602.8	3003278	507.498	SH
153	463603.5	3003133	358.759	SH

Field Data Surge tank Area to Tailrace Area				
SN	E	N	Z	Remarks
2086	463882.6	3002811	375.142	SH
2087	463882.6	3002276	440.829	F
2088	463882.7	3003099	484.73	SH
2089	463883	3003044	466.194	SH
2090	463883	3003044	466.194	SH
2091	463883	3003044	466.194	SH
2092	463883.2	3002511	347.707	SH
2093	463883.3	3002781	374.424	SH
2094	463883.4	3002588	331.458	SH
2095	463883.4	3002521	342.158	RC-READING
2096	463883.4	3003049	468.278	SH
2097	463883.4	3003049	468.278	SH
2098	463883.4	3003049	468.278	SH
2099	463883.7	3003196	559.773	SH
2100	463883.7	3002314	424.552	SH
2101	463883.7	3002832	383.558	SH
2102	463883.8	3002590	332.807	SH
2103	463883.9	3002826	382.073	SH
2104	463883.9	3002895	416.092	SH
2105	463883.9	3002895	416.092	SH
2106	463884	3002854	384.1	SH
2107	463884	3002649	334.41	SH
2108	463884	3003127	499.23	CP
2109	463884.2	3003188	552.83	SH
2110	463884.2	3003193	556.618	SH
2111	463884.2	3002254	445.77	SH
2112	463884.3	3002575	325.778	KH
2113	463884.5	3003196	559.661	SH
2114	463884.6	3002576	327.708	SH
2115	463884.6	3002595	329.953	SH
2116	463884.8	3002794	375.21	SH
2117	463885.1	3002353	407.362	SH
2118	463885.1	3002899	418.644	SH
2119	463885.1	3002899	418.644	SH
2120	463885.3	3003087	481.174	SH
2121	463885.3	3003087	481.174	SH
2122	463885.3	3003087	481.174	SH
2123	463885.6	3002275	442.506	F
2124	463885.8	3002366	407.124	SH
2125	463886.1	3002775	376.644	SH
2126	463886.1	3002775	376.794	SH
2127	463886.3	3002765	375.21	SH
2128	463886.3	3003034	470.137	SH
2129	463886.3	3003034	470.137	SH
2130	463886.3	3003034	470.137	SH
2131	463886.6	3002666	343.244	SH
2132	463886.9	3002749	369.562	SH
2133	463887.3	3002529	346.496	SH
2134	463887.3	3002285	439.452	F
2135	463887.4	3002526	347.363	SH
2136	463887.7	3002409	384.615	SH
2137	463887.7	3002375	407.445	SH
2138	463887.7	3002443	368.077	SH
2139	463888.2	3002304	430.969	F

154	463603.5	3003133	358.876	SH
155	463603.9	3003145	369.41	SH
156	463606.5	3003156	384.688	SH
157	463607.5	3003286	510.935	SH
158	463607.5	3003286	510.935	SH
159	463607.5	3003286	510.935	SH
160	463607.9	3003113	341.32	SH
161	463610	3003107	338.602	SH
162	463610.8	3003118	345.963	SH
163	463613	3003288	512.311	SH
164	463613	3003288	512.311	SH
165	463613	3003288	512.311	SH
166	463613.4	3003079	318.26	SH
167	463614.6	3003067	317.139	KH
168	463614.7	3003121	351.2	SH
169	463616.5	3003088	320.505	SH
170	463618.3	3003335	524.328	CL
171	463618.3	3003335	524.328	CL
172	463618.3	3003335	524.328	CL
173	463618.5	3003290	515.212	SH
174	463618.5	3003290	515.212	SH
175	463618.5	3003290	515.212	SH
176	463621.7	3003115	348.56	SH
177	463622.2	3003100	332.63	SH
178	463622.2	3003109	343.69	SH
179	463624	3003044	321.121	KB-4
180	463624	3003044	321.121	KB-4
181	463624.9	3003322	525.961	CL
182	463624.9	3003322	525.961	CL
183	463624.9	3003322	525.961	CL
184	463625.2	3003293	516.953	SH
185	463625.2	3003293	516.953	SH
186	463625.2	3003293	516.953	SH
187	463625.2	3003128	367.358	SH
188	463625.6	3003088	320.915	SH
189	463626.7	3003306	525.17	CL
190	463626.7	3003306	525.17	CL
191	463626.7	3003306	525.17	CL
192	463627	3003313	525.624	CL
193	463627	3003313	525.624	CL
194	463627	3003313	525.624	CL
195	463628.9	3003092	330.301	SH
196	463629	3003058	316.321	KH
197	463629.3	3003340	525.144	CL
198	463629.3	3003340	525.144	CL
199	463629.3	3003340	525.144	CL
200	463629.8	3003062	318.058	SH
201	463630.1	3003090	326.457	SH
202	463630.7	3003308	525.261	CL
203	463630.7	3003308	525.261	CL
204	463630.7	3003308	525.261	CL
205	463633.1	3003303	522.174	SH
206	463633.1	3003303	522.174	SH
207	463633.1	3003303	522.174	SH
208	463633.2	3003108	347.167	SH
209	463634	3003117	355.909	SH
210	463636.8	3003137	378.564	SH

2140	463888.5	3002730	355.262	KH
2141	463888.5	3002326	418.223	SH
2142	463888.7	3002533	342.742	F
2143	463888.7	3002533	342.996	SH
2144	463889	3002344	412.236	SH
2145	463889.1	3002585	335.805	SH
2146	463889.4	3002549	342.13	SH
2147	463889.8	3002894	417.455	SH
2148	463889.9	3002603	328.855	SH
2149	463890.2	3002871	395.025	SH
2150	463890.3	3002767	379.24	SH
2151	463890.5	3002890	412.323	SH
2152	463890.5	3002890	412.323	SH
2153	463890.5	3002408	391.884	SH
2154	463890.5	3003115	498.495	SH
2155	463890.5	3003115	498.495	SH
2156	463890.5	3003115	498.495	SH
2157	463890.6	3002390	407.362	SH
2158	463890.7	3002666	347.58	SH
2159	463891	3003173	544.56	SH
2160	463891.1	3002786	381.112	SH
2161	463891.3	3002408	390.599	SH
2162	463891.5	3002363	412.236	SH
2163	463892.3	3002373	412.236	SH
2164	463892.4	3002580	331.004	SH
2165	463893.1	3002796	381.256	SH
2166	463893.1	3002527	354.357	SH
2167	463893.2	3002291	438.964	O-1
2168	463893.2	3002291	438.961	O-1
2169	463893.2	3002291	438.964	O-1
2170	463893.2	3002838	393.949	SH
2171	463893.3	3003181	551.908	SH
2172	463893.4	3002831	391.073	SH
2173	463893.5	3002580	330.946	SH
2174	463893.6	3003176	546.029	SH
2175	463893.6	3002335	418.63	SH
2176	463893.8	3002794	382.713	SH
2177	463893.8	3003181	551.882	SH
2178	463893.8	3003038	476.775	SH
2179	463893.8	3003038	476.775	SH
2180	463893.8	3003038	476.775	SH
2181	463894	3002916	438.223	SH
2182	463894.2	3002271	445.26	SH
2183	463894.2	3003070	488.052	SH
2184	463894.2	3003070	488.052	SH
2185	463894.2	3003070	488.052	SH
2186	463894.3	3002295	439.225	F
2187	463894.4	3003083	494.396	SH
2188	463894.4	3003083	494.396	SH
2189	463894.4	3003083	494.396	SH
2190	463894.4	3002463	349.167	KH
2191	463894.6	3003181	552.109	SH
2192	463894.7	3003100	493.628	SH
2193	463894.7	3003100	493.628	SH
2194	463894.7	3003100	493.628	SH
2195	463894.7	3002752	375.556	SH
2196	463894.7	3002259	445.26	SH

211	463637.1	3003310	525.535	CL
212	463637.1	3003310	525.535	CL
213	463637.1	3003310	525.535	CL
214	463637.3	3003343	525.562	CL
215	463637.3	3003343	525.562	CL
216	463637.3	3003343	525.562	CL
217	463637.3	3003090	328.728	SH
218	463637.9	3003151	398.087	SH
219	463638.3	3003301	519.131	SH
220	463638.3	3003301	519.131	SH
221	463638.3	3003301	519.131	SH
222	463639.1	3003336	526.364	CL
223	463639.1	3003336	526.364	CL
224	463639.1	3003336	526.364	CL
225	463639.2	3003290	512.232	SH
226	463639.2	3003290	512.232	SH
227	463639.2	3003290	512.232	SH
228	463639.8	3003310	525.908	SH
229	463639.8	3003310	525.908	SH
230	463639.8	3003310	525.908	SH
231	463640	3003327	527.124	CL
232	463640	3003327	527.124	CL
233	463640	3003327	527.124	CL
234	463640.2	3003300	519.539	SH
235	463640.2	3003300	519.539	SH
236	463640.2	3003300	519.539	SH
237	463640.6	3003309	524.817	SH
238	463640.6	3003309	524.817	SH
239	463640.6	3003309	524.817	SH
240	463642.4	3003346	525.877	CL
241	463642.4	3003346	525.877	CL
242	463642.4	3003346	525.877	CL
243	463642.5	3003321	527.13	CL
244	463642.5	3003321	527.13	CL
245	463642.5	3003321	527.13	CL
246	463644.2	3003122	369.69	SH
247	463646.1	3003313	526.404	CL
248	463646.1	3003313	526.404	CL
249	463646.1	3003313	526.404	CL
250	463646.9	3003333	527.422	CL
251	463646.9	3003333	527.422	CL
252	463646.9	3003333	527.422	CL
253	463647	3003309	524.882	SH
254	463647	3003309	524.882	SH
255	463647	3003309	524.882	SH
256	463647.4	3002985	319.484	KB-3
257	463647.4	3002985	319.484	KB-3
258	463647.8	3003329	527.908	CL
259	463647.8	3003329	527.908	CL
260	463647.8	3003329	527.908	CL
261	463648.1	3003326	527.963	KK-4
262	463648.1	3003326	527.963	KK-4
263	463648.1	3003326	527.963	KK-4
264	463648.1	3003326	527.96	KK-4
265	463648.1	3003326	527.96	KK-4
266	463648.1	3003326	527.96	KK-4
267	463648.6	3003291	512.333	SH

2197	463894.7	3003082	492.033	SH
2198	463894.7	3003082	492.033	SH
2199	463894.7	3003082	492.033	SH
2200	463894.9	3002591	342.553	SH
2201	463895	3002411	386.76	SH
2202	463895	3003175	545.01	SH
2203	463895.1	3002774	384.662	SH
2204	463895.1	3002606	333.409	SH
2205	463895.3	3002537	350.505	RC-READING
2206	463895.4	3003177	547.89	SH
2207	463895.5	3002389	412.236	SH
2208	463895.7	3002287	440.743	O-2
2209	463895.7	3002287	440.744	O-2
2210	463895.8	3003057	484.73	SH
2211	463895.9	3002748	373.52	SH
2212	463896	3002889	411.738	SH
2213	463896	3002889	411.738	SH
2214	463896.1	3002327	426.182	SH
2215	463896.3	3002398	404.519	SH
2216	463896.5	3002348	418.796	SH
2217	463896.5	3002663	348.048	SH
2218	463896.7	3002758	380.56	SH
2219	463896.7	3002399	403.635	SH
2220	463896.8	3003036	479.835	SH
2221	463896.8	3003036	479.835	SH
2222	463896.8	3003036	479.835	SH
2223	463896.8	3003118	502.222	SH
2224	463896.8	3003118	502.222	SH
2225	463896.8	3003118	502.222	SH
2226	463896.9	3003186	557.557	SH
2227	463897.1	3002842	397.846	SH
2228	463897.2	3003101	497.383	CLIFF
2229	463897.2	3003101	497.383	CLIFF
2230	463897.2	3003101	497.383	CLIFF
2231	463897.3	3003178	549.839	RC36
2232	463897.9	3003194	564.652	SH
2233	463898	3002785	386.215	SH
2234	463898	3002997	465.603	SH
2235	463898	3002997	465.603	SH
2236	463898	3002997	465.603	SH
2237	463898.2	3002896	419.495	SH
2238	463898.2	3002896	419.495	SH
2239	463898.6	3003151	528.014	CLIFF
2240	463898.6	3003151	528.014	CLIFF
2241	463898.6	3003151	528.014	CLIFF
2242	463898.7	3002765	385.16	SH
2243	463898.7	3002309	434.81	F
2244	463898.9	3002377	418.758	SH
2245	463898.9	3003189	561.069	SH
2246	463899	3002678	362.039	SH
2247	463899	3002831	395.156	SH
2248	463899.1	3002360	418.78	SH
2249	463899.2	3003189	560.946	SH
2250	463899.3	3002804	386.636	SH
2251	463899.3	3002388	417.23	SH
2252	463899.4	3002677	362.376	SH
2253	463899.5	3003050	483.375	SH

268	463648.6	3003291	512.333	SH
269	463648.6	3003291	512.333	SH
270	463648.8	3003080	329.576	SH
271	463649.2	3003315	527.11	CL
272	463649.2	3003315	527.11	CL
273	463649.2	3003315	527.11	CL
274	463651.1	3003349	526.394	CL
275	463651.1	3003349	526.394	CL
276	463651.1	3003349	526.394	CL
277	463651.4	3003314	527.244	CL
278	463651.4	3003314	527.244	CL
279	463651.4	3003314	527.244	CL
280	463652	3003340	625	TURN1
281	463652.1	3003338	527.451	CL
282	463652.1	3003338	527.451	CL
283	463652.1	3003338	527.451	CL
284	463653.3	3003301	519.352	SH
285	463653.3	3003301	519.352	SH
286	463653.3	3003301	519.352	SH
287	463654	3003302	519.232	SH
288	463654	3003302	519.232	SH
289	463654	3003302	519.232	SH
290	463654.3	3003304	521.208	SH
291	463654.3	3003304	521.208	SH
292	463654.3	3003304	521.208	SH
293	463655.7	3003321	529.224	CL
294	463655.7	3003321	529.224	CL
295	463655.7	3003321	529.224	CL
296	463656.2	3003329	529.023	CL
297	463656.2	3003329	529.023	CL
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302	463657.6	3003350	526.417	CL
303	463657.6	3003350	526.417	CL
304	463657.6	3003350	526.417	CL
305	463657.8	3003271	501.371	SH
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308	463660	3003322	529.277	CL
309	463660	3003322	529.277	CL
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311	463660	3003320	528.804	CL
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314	463660.9	3003058	328.72	SH
315	463660.9	3003326	529.478	CL
316	463660.9	3003326	529.478	CL
317	463660.9	3003326	529.478	CL
318	463661.4	3003292	514.521	SH
319	463661.4	3003292	514.521	SH
320	463661.4	3003292	514.521	SH
321	463662.5	3003286	512.198	SH
322	463662.5	3003286	512.198	SH
323	463662.5	3003286	512.198	SH
324	463662.6	3003334	528.946	CL

2254	463899.5	3003050	483.375	SH
2255	463899.5	3003050	483.375	SH
2256	463899.7	3002459	355.456	KH
2257	463900.5	3002649	349.348	SH
2258	463900.9	3002396	412.236	SH
2259	463901.1	3002315	432.949	F
2260	463901.2	3002644	347.817	SH
2261	463901.2	3002283	445.26	SH
2262	463901.3	3003071	496.134	SH
2263	463901.3	3002754	379.24	SH
2264	463901.6	3002599	343.963	SH
2265	463901.7	3002641	345.663	SH
2266	463901.8	3002641	345.556	SH
2267	463901.9	3003197	567.612	SH
2268	463902	3002303	437.312	F
2269	463902	3002676	365.131	SH
2270	463902.1	3003030	481.26	SH
2271	463902.2	3003079	503.539	SH
2272	463902.2	3003079	503.539	SH
2273	463902.2	3003079	503.539	SH
2274	463902.3	3003145	520.969	CLIFF
2275	463902.3	3003145	520.969	CLIFF
2276	463902.3	3003145	520.969	CLIFF
2277	463902.4	3002337	424.185	SH
2278	463902.8	3002403	404.152	SH
2279	463903.1	3002452	367.485	SH
2280	463903.1	3002452	367.6	SH
2281	463903.4	3002293	442.099	F
2282	463903.8	3002676	365.793	SH
2283	463904.2	3002393	418.63	SH
2284	463904.4	3002384	422.356	SH
2285	463904.5	3002864	402.611	SH
2286	463904.5	3002277	445.26	SH
2287	463904.6	3003194	564.796	SH
2288	463904.7	3002744	372.44	SH
2289	463904.7	3002424	386.174	SH
2290	463904.8	3003208	577.17	SH
2291	463905.3	3002294	442.435	F
2292	463905.3	3003188	559.794	SH
2293	463905.5	3002634	345.614	SH
2294	463905.8	3003188	559.409	SH
2295	463905.8	3002405	409.78	SH
2296	463906.3	3003187	559.083	SH
2297	463906.6	3003145	526.444	CLIFF
2298	463906.6	3003145	526.444	CLIFF
2299	463906.6	3003145	526.444	CLIFF
2300	463906.8	3003089	505.288	SH
2301	463906.8	3003089	505.288	SH
2302	463906.8	3003089	505.288	SH
2303	463907.1	3003211	578.836	SH
2304	463907.1	3002375	424.442	SH
2305	463907.1	3003022	484.127	SH
2306	463907.3	3002578	341.711	SH
2307	463907.3	3003069	501.263	SH
2308	463907.6	3002233	462.485	SH
2309	463907.9	3002406	402.018	SH
2310	463908.1	3003120	505.88	CLIFF

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328	463662.9	3003283	510.969	SH
329	463662.9	3003283	510.969	SH
330	463663.2	3003334	528.914	CL
331	463663.2	3003334	528.914	CL
332	463663.2	3003334	528.914	CL
333	463663.4	3003313	529.127	CL
334	463663.4	3003313	529.127	CL
335	463663.4	3003313	529.127	CL
336	463663.7	3003353	526.177	CL
337	463663.7	3003353	526.177	CL
338	463663.7	3003353	526.177	CL
339	463663.8	3003313	529.38	FT
340	463663.8	3003313	529.38	FT
341	463663.8	3003313	529.38	FT
342	463664.2	3003297	518.324	SH
343	463664.2	3003297	518.324	SH
344	463664.2	3003297	518.324	SH
345	463664.8	3003297	518.252	SH
346	463664.8	3003297	518.252	SH
347	463664.8	3003297	518.252	SH
348	463666.1	3003053	326.263	SH
349	463667.5	3003338	528.618	CL
350	463667.5	3003338	528.618	CL
351	463667.5	3003338	528.618	CL
352	463668.4	3003062	356.452	SH
353	463668.5	3003058	346.023	SH
354	463668.6	3003063	355.778	SH
355	463670.8	3003314	531.295	CL
356	463670.8	3003314	531.295	CL
357	463670.8	3003314	531.295	CL
358	463671.5	3003291	516.621	SH
359	463671.5	3003291	516.621	SH
360	463671.5	3003291	516.621	SH
361	463671.6	3003322	531.011	CL
362	463671.6	3003322	531.011	CL
363	463671.6	3003322	531.011	CL
364	463671.8	3003353	526.457	CL
365	463671.8	3003353	526.457	CL
366	463671.8	3003353	526.457	CL
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368	463671.8	3003353	526.451	CL
369	463671.8	3003353	526.451	CL
370	463671.8	3003283	511.943	SH
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372	463671.8	3003283	511.943	SH
373	463672.1	3003326	531.084	CL
374	463672.1	3003326	531.084	CL
375	463672.1	3003326	531.084	CL
376	463672.3	3003341	528.123	CL
377	463672.3	3003341	528.123	CL
378	463672.3	3003341	528.123	CL
379	463672.4	3003317	530.898	CL
380	463672.4	3003317	530.898	CL
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2311	463908.2	3003085	505.558	SH
2312	463908.2	3002643	356.057	SH
2313	463908.2	3002357	424.185	SH
2314	463908.3	3002615	331.895	KH
2315	463908.3	3003052	496.482	SH
2316	463908.3	3002615	333.403	F
2317	463908.9	3002326	431.26	SH
2318	463909.1	3002759	385.16	SH
2319	463909.2	3002310	438.62	SH
2320	463909.4	3003031	488.625	SH
2321	463909.4	3003031	488.625	SH
2322	463909.4	3003031	488.625	SH
2323	463909.6	3002387	424.552	SH
2324	463909.6	3002484	366.809	SH
2325	463910.3	3002398	419.197	SH
2326	463910.3	3002794	396.863	SH
2327	463910.4	3003214	580.604	SH
2328	463910.5	3002659	361.298	SH
2329	463910.5	3002347	427.26	SH
2330	463910.6	3002432	386.71	SH
2331	463910.6	3002740	369.562	SH
2332	463910.9	3003103	511.26	CLIFF
2333	463911.2	3002425	392.058	SH
2334	463911.5	3002659	362.776	SH
2335	463911.6	3003139	517.797	CLIFF
2336	463911.6	3003139	517.797	CLIFF
2337	463911.6	3003139	517.797	CLIFF
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2339	463912	3002668	374.266	SH
2340	463912.1	3003045	495.299	SH
2341	463912.1	3003045	495.299	SH
2342	463912.1	3003045	495.299	SH
2343	463912.2	3003157	541.826	SH
2344	463912.3	3002394	422.13	SH
2345	463912.4	3003009	484.73	SH
2346	463912.5	3002601	351.317	SH
2347	463912.5	3003191	562.537	SH
2348	463912.6	3003195	565.828	SH
2349	463912.6	3003195	565.982	SH
2350	463912.8	3003162	544.555	SH
2351	463912.8	3003162	544.555	SH
2352	463912.8	3003162	544.555	SH
2353	463912.9	3003017	489.552	SH
2354	463912.9	3003060	501.763	SH
2355	463913	3002481	373.277	SH
2356	463913.2	3002403	411.231	SH
2357	463913.4	3003224	586.825	SH
2358	463913.4	3002704	375.21	SH
2359	463913.5	3002318	436.82	SH
2360	463913.6	3002385	427.185	SH
2361	463913.8	3003197	567.999	SH
2362	463913.8	3002680	375.21	SH
2363	463914.1	3002613	339.924	SH
2364	463914.1	3003124	510.638	CLIFF
2365	463914.1	3003124	510.638	CLIFF
2366	463914.1	3003124	510.638	CLIFF
2367	463914.2	3002662	373.956	SH

382	463672.9	3003345	527.51	CL
383	463672.9	3003345	527.51	CL
384	463672.9	3003345	527.51	CL
385	463673.1	3003304	523.723	SH
386	463673.1	3003304	523.723	SH
387	463673.1	3003304	523.723	SH
388	463673.3	3003048	324.23	SH
389	463673.3	3003290	515.897	SH
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391	463673.3	3003290	515.897	SH
392	463673.3	3003067	360.226	SH
393	463673.5	3003256	489.936	SH
394	463673.5	3003256	489.936	SH
395	463673.5	3003256	489.936	SH
396	463673.9	3003290	515.849	SH
397	463673.9	3003290	515.849	SH
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399	463674.1	3003299	521.564	SH
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401	463674.1	3003299	521.564	SH
402	463674.3	3003299	521.627	SH
403	463674.3	3003299	521.627	SH
404	463674.3	3003299	521.627	SH
405	463674.6	3003276	508.401	SH
406	463674.6	3003276	508.401	SH
407	463674.6	3003276	508.401	SH
408	463674.6	3003270	503.93	SH
409	463674.6	3003270	503.93	SH
410	463674.6	3003270	503.93	SH
411	463674.7	3003304	526.189	SH
412	463674.7	3003304	526.189	SH
413	463674.7	3003304	526.189	SH
414	463675	3003321	532.537	CL
415	463675	3003321	532.537	CL
416	463675	3003321	532.537	CL
417	463675.4	3003276	507.976	SH
418	463675.4	3003276	507.976	SH
419	463675.4	3003276	507.976	SH
420	463676	3003342	525	CP
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422	463676	3003342	525	RC10
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424	463676	3003342	525	RC10
425	463676.1	3003330	531.308	CL
426	463676.1	3003330	531.308	CL
427	463676.1	3003330	531.308	CL
428	463676.2	3003266	501.758	SH
429	463676.2	3003266	501.758	SH
430	463676.2	3003266	501.758	SH
431	463677.2	3003266	501.552	SH
432	463677.2	3003266	501.552	SH
433	463677.2	3003266	501.552	SH
434	463677.3	3003343	528.613	RC-READING
435	463677.3	3003343	528.613	RC-READING
436	463677.3	3003343	528.613	RC-READING
437	463677.5	3003074	368.519	SH
438	463677.8	3003052	342.63	SH

2368	463914.3	3002945	465.695	SH
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2370	463914.4	3003193	564.353	SH
2371	463914.6	3003210	577.547	SH
2372	463914.7	3002651	367.309	SH
2373	463915	3003220	585.868	SH
2374	463915	3002718	375.21	SH
2375	463915	3002429	390.169	SH
2376	463915.1	3002756	386.756	SH
2377	463915.1	3002641	361.957	SH
2378	463915.2	3002693	375.21	SH
2379	463915.3	3002944	465.233	SH
2380	463915.3	3002944	465.233	SH
2381	463915.3	3002736	375.21	SH
2382	463915.3	3003221	585.901	SH
2383	463915.4	3002614	341.056	KH
2384	463915.5	3002451	372.698	KH
2385	463915.5	3003227	588.605	SH
2386	463915.6	3002745	375.21	SH
2387	463915.7	3002485	375.018	SH
2388	463915.9	3003016	492.256	SH
2389	463915.9	3003016	492.256	SH
2390	463915.9	3003016	492.256	SH
2391	463916	3002392	426.22	SH
2392	463916	3002420	396.323	SH
2393	463916.2	3002965	475.22	SH
2394	463916.3	3003017	496.263	SH
2395	463916.3	3003017	496.263	SH
2396	463916.3	3002608	350.896	SH
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2398	463916.4	3003025	494.168	SH
2399	463916.4	3003025	494.168	SH
2400	463916.5	3002410	407.435	SH
2401	463916.5	3002997	483.62	SH
2402	463916.6	3003017	496.531	SH
2403	463916.6	3003017	496.531	SH
2404	463916.6	3003214	581.672	SH
2405	463916.7	3003070	507.145	SH
2406	463916.8	3003215	581.712	SH
2407	463916.9	3002444	382.493	SH
2408	463917.1	3003118	513.084	CLIFF
2409	463917.1	3003118	513.084	CLIFF
2410	463917.1	3003118	513.084	CLIFF
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2412	463917.1	3003053	504.187	SH
2413	463917.1	3003053	504.187	SH
2414	463917.3	3002340	432.851	SH
2415	463917.5	3002660	376.444	SH
2416	463917.5	3002660	376.345	SH
2417	463917.6	3003074	509.77	SH
2418	463917.9	3002850	413.356	SH
2419	463917.9	3003039	508.729	SH
2420	463917.9	3003039	508.729	SH
2421	463918.5	3002405	415.696	SH
2422	463918.7	3003061	504.523	SH
2423	463918.9	3002975	479.603	SH
2424	463919.1	3002433	389.894	SH

439	463678	3003354	526.807	CL
440	463678	3003354	526.807	CL
441	463678	3003354	526.807	CL
442	463678	3003349	527.136	CL
443	463678	3003349	527.136	CL
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445	463678.1	3002985	316.99	CL
446	463678.3	3003265	500.785	SH
447	463678.3	3003265	500.785	SH
448	463678.3	3003265	500.785	SH
449	463678.4	3003280	511.736	SH
450	463678.4	3003280	511.736	SH
451	463678.4	3003280	511.736	SH
452	463679	3003330	532.644	CL
453	463679	3003330	532.644	CL
454	463679	3003330	532.644	CL
455	463679.5	3003057	351.32	SH
456	463679.6	3003336	531.26	CL
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458	463679.6	3003336	531.26	CL
459	463679.8	3003336	531.307	CL
460	463679.8	3003336	531.307	CL
461	463679.8	3003336	531.307	CL
462	463680.3	3003341	530.734	CL
463	463680.3	3003341	530.734	CL
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465	463680.9	3003039	324.442	SH
466	463682.1	3003355	526.809	CL
467	463682.1	3003355	526.809	CL
468	463682.1	3003355	526.809	CL
469	463682.4	3002976	316.977	CL
470	463683.3	3003353	526.838	CL
471	463683.3	3003353	526.838	CL
472	463683.3	3003353	526.838	CL
473	463683.7	3003324	533.54	CL
474	463683.7	3003324	533.54	CL
475	463683.7	3003324	533.54	CL
476	463683.7	3003299	526.123	SH
477	463683.7	3003299	526.123	SH
478	463683.7	3003299	526.123	SH
479	463683.8	3003065	365.38	SH
480	463683.9	3003315	533.637	SH
481	463683.9	3003315	533.637	SH
482	463683.9	3003315	533.637	SH
483	463684.1	3003320	533.542	CL
484	463684.1	3003320	533.542	CL
485	463684.1	3003320	533.542	CL
486	463684.1	3003046	332.23	SH
487	463684.5	3003021	324.23	SH
488	463684.9	3003033	324.23	SH
489	463684.9	3003329	533.355	CL
490	463684.9	3003329	533.355	CL
491	463684.9	3003329	533.355	CL
492	463685.2	3003335	532.846	CL
493	463685.2	3003335	532.846	CL
494	463685.2	3003335	532.846	CL
495	463685.6	3003345	529.822	CL

2425	463919.1	3002602	356.288	SH
2426	463919.1	3002433	389.899	SH
2427	463919.1	3002433	389.661	SH
2428	463919.4	3002729	382.19	SH
2429	463919.4	3003158	545.659	SH
2430	463919.6	3002618	339.64	KH
2431	463919.7	3003008	489.88	SH
2432	463919.8	3003171	554.72	RC35
2433	463919.9	3002314	440.36	SH
2434	463919.9	3002424	396.432	SH
2435	463920	3002737	380.763	SH
2436	463920.1	3003086	513.881	CLIFF
2437	463920.1	3003086	513.881	CLIFF
2438	463920.1	3003086	513.881	CLIFF
2439	463920.2	3003011	492.56	SH
2440	463920.2	3002721	380.763	SH
2441	463920.2	3003086	513.886	SH
2442	463920.2	3003086	513.886	SH
2443	463920.2	3003086	513.886	SH
2444	463920.2	3003162	550.218	SH
2445	463920.4	3002449	381.11	SH
2446	463920.5	3003119	516.961	SH
2447	463920.5	3003119	516.961	SH
2448	463920.5	3003119	516.961	SH
2449	463920.5	3002956	474.211	SH
2450	463920.5	3002956	474.211	SH
2451	463920.6	3003003	489.11	SH
2452	463920.7	3003021	502.329	SH
2453	463920.7	3003021	502.329	SH
2454	463920.7	3003021	502.329	SH
2455	463920.7	3003119	516.965	CLIFF
2456	463920.7	3003119	516.965	CLIFF
2457	463920.7	3003119	516.965	CLIFF
2458	463920.7	3002776	403.074	SH
2459	463921	3003160	547.659	SH
2460	463921.1	3003201	570.961	SH
2461	463921.1	3003202	571.372	SH
2462	463921.1	3002308	444.623	SH
2463	463921.2	3003201	571.026	SH
2464	463921.2	3002753	385.16	SH
2465	463921.2	3002746	379.861	SH
2466	463921.3	3002294	450.495	F
2467	463921.4	3002985	484.552	SH
2468	463921.4	3002706	382.562	SH
2469	463921.6	3002953	473.121	SH
2470	463921.6	3002953	473.121	SH
2471	463921.7	3003202	571.692	SH
2472	463921.8	3002670	382.562	SH
2473	463921.9	3003058	506.561	SH
2474	463921.9	3003058	506.561	SH
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2477	463922.1	3003202	572.329	SH
2478	463922.1	3003202	572.185	SH
2479	463922.2	3003050	508.517	SH
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501	463686.3	3003050	346.023	SH
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523	463690.5	3002973	317.666	CL
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2490	463923.2	3002956	475.101	SH
2491	463923.5	3002584	359.061	SH
2492	463923.5	3002729	386.756	SH
2493	463923.7	3002328	435.63	SH
2494	463924.3	3002417	405.32	SH
2495	463924.5	3003009	497.934	SH
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2497	463924.5	3002451	381.895	SH
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2505	463925.3	3002423	400.43	SH
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2513	463925.8	3002613	357.989	SH
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2531	463928.3	3003160	551.143	SH
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2533	463928.5	3002729	390.771	SH
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2535	463928.8	3003209	577.707	SH
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588	463699	3003030	348.927	SH
589	463699.1	3003290	525.399	SH
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592	463699.2	3003031	350.015	SH
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605	463700.4	3003334	535.477	KK-2
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2556	463930.7	3003157	549.192	SH
2557	463930.7	3002998	495.831	SH
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2559	463930.8	3002874	429.885	SH
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2562	463930.9	3003012	504.212	SH
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2567	463931.5	3002827	415.839	SH
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2582	463932.6	3002434	397.636	SH
2583	463932.8	3002646	372.594	SH
2584	463932.8	3003224	590.145	SH
2585	463933.1	3002417	409.762	SH
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2587	463933.4	3002692	390.771	SH
2588	463933.5	3003177	562.983	SH
2589	463934	3003056	521.774	SH
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2592	463934.2	3003171	560.709	O-5
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2595	463934.6	3003154	547.641	SH

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625	463702.1	3003288	527.802	SH
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657	463704.4	3002976	329.62	SH
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2617	463936	3002936	456.479	SH
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2621	463936.1	3002890	433.943	SH
2622	463936.1	3002413	414.552	SH
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2624	463936.3	3002995	500.273	SH
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2651	463938.3	3002432	400.321	SH
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719	463708.8	3003331	537.741	HC
720	463708.9	3003293	537.052	SH
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722	463708.9	3003293	537.052	SH
723	463709.1	3002970	333.947	SH

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2657	463938.5	3003101	535.907	SH
2658	463938.5	3003100	536.373	SH
2659	463938.6	3002662	390.771	SH
2660	463938.7	3003182	568.084	SH
2661	463938.8	3003174	562.205	SH
2662	463938.9	3003012	510.097	SH
2663	463938.9	3003012	510.097	SH
2664	463938.9	3003012	510.083	SH
2665	463938.9	3003012	510.083	SH
2666	463938.9	3003012	510.084	SH
2667	463938.9	3003012	510.084	SH
2668	463939	3002638	361.603	SH
2669	463939.2	3003003	503.776	SH
2670	463939.2	3003003	503.776	SH
2671	463939.4	3002638	362.436	SH
2672	463939.5	3002554	359.493	SH
2673	463939.6	3003154	546.086	SH
2674	463939.6	3002608	371.617	F
2675	463939.7	3002370	443.721	SH
2676	463940	3002968	488.955	SH
2677	463940	3002968	488.955	SH
2678	463940	3002486	394.631	SH
2679	463940	3002356	446.23	SH
2680	463940.1	3003166	555.526	SH
2681	463940.1	3003185	570.74	SH
2682	463940.1	3003133	531.563	SH
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2684	463940.1	3003133	531.563	SH
2685	463940.4	3003228	595.767	SH
2686	463940.5	3002689	394.855	SH
2687	463940.5	3002961	479.977	SH
2688	463940.5	3002961	479.977	SH
2689	463940.5	3002949	469.108	SH
2690	463940.5	3002949	469.108	SH
2691	463940.6	3003228	595.883	SH
2692	463940.7	3003179	565.948	SH
2693	463940.7	3002440	393.441	SH
2694	463940.9	3003228	595.6	SH
2695	463940.9	3003228	595.551	SH
2696	463941	3003171	559.901	SH
2697	463941	3002986	500.962	SH
2698	463941.1	3003129	533.914	SH
2699	463941.1	3003129	533.914	SH
2700	463941.1	3003129	533.914	SH
2701	463941.2	3003233	599.492	SH
2702	463941.3	3002419	410.562	SH
2703	463941.3	3002665	394.821	SH
2704	463941.3	3002967	487.599	SH
2705	463941.3	3002967	487.599	SH
2706	463941.5	3002675	394.821	SH
2707	463941.5	3003185	571.325	SH
2708	463941.6	3002619	365.391	SH
2709	463941.7	3002979	496.806	SH

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727	463709.5	3003290	534.618	SH
728	463709.5	3003290	534.618	SH
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732	463710.1	3003324	540.031	CL
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740	463711.8	3003328	541.193	HC T
741	463712.7	3003298	538.438	SH
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743	463712.7	3003298	538.438	SH
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745	463713	3003305	542.47	FT
746	463713	3003305	542.47	FT
747	463713	3003307	543.202	SH
748	463713	3003307	543.202	SH
749	463713	3003307	543.202	SH
750	463713.2	3002968	332.431	SH
751	463714.2	3003312	543.829	CL
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754	463714.6	3003338	537.6	HC
755	463714.6	3003338	537.6	HC
756	463714.6	3003338	537.6	HC
757	463715.1	3003284	528.432	SH
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761	463715.6	3003014	366.92	SH
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764	463715.7	3003286	533.65	SH
765	463716	3003285	531.131	SH
766	463716	3003285	531.131	SH
767	463716	3003285	531.131	SH
768	463716.1	3002935	318.997	CL
769	463716.5	3003286	533.838	SH
770	463716.5	3003286	533.838	SH
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772	463716.7	3003284	529.832	SH
773	463716.7	3003284	529.832	SH
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2712	463941.7	3002979	496.836	SH
2713	463941.8	3002473	396.911	SH
2714	463941.9	3003232	597.953	SH
2715	463942.2	3002342	447.55	SH
2716	463942.4	3003129	534.965	SH
2717	463942.4	3003129	534.965	SH
2718	463942.4	3003129	534.965	SH
2719	463942.5	3003009	508.986	SH
2720	463942.5	3003009	508.986	SH
2721	463942.9	3002622	364.017	KH
2722	463943	3002622	363.729	KH
2723	463943.1	3003079	536.14	CLIFF
2724	463943.1	3003079	536.14	CLIFF
2725	463943.1	3003079	536.14	CLIFF
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2727	463943.2	3002741	406.058	SH
2728	463943.3	3003188	573.795	SH
2729	463943.5	3002968	489.483	SH
2730	463943.5	3002968	489.483	SH
2731	463943.8	3003160	550.579	SH
2732	463943.9	3002615	372.749	F
2733	463943.9	3003160	550.525	SH
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2736	463944	3003066	536.714	CLIFF
2737	463944.3	3002381	440.45	SH
2738	463944.5	3002951	471.869	SH
2739	463944.5	3002951	471.869	SH
2740	463944.6	3002972	493.083	SH
2741	463944.6	3002972	493.083	SH
2742	463944.9	3002973	493.699	SH
2743	463944.9	3002973	493.699	SH
2744	463945.6	3003031	521.905	SH
2745	463945.6	3003031	521.905	SH
2746	463946.2	3002956	476.712	SH
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2748	463946.2	3002409	419.308	SH
2749	463946.4	3002990	502.847	SH
2750	463946.4	3002990	502.847	SH
2751	463946.7	3003156	547.787	SH
2752	463947	3002372	445.866	SH
2753	463947	3002659	389.775	SH
2754	463947.4	3003067	539.434	SH
2755	463947.6	3002953	474.416	SH
2756	463947.6	3002953	474.416	SH
2757	463947.7	3002640	364.236	KH
2758	463947.8	3002616	379.36	SH
2759	463948	3002500	393.441	SH
2760	463948.2	3002424	408.562	SH
2761	463948.2	3002424	408.106	SH
2762	463948.4	3002668	399.763	SH
2763	463948.4	3002456	394.631	SH
2764	463948.4	3002745	409.815	SH
2765	463948.5	3002858	438.357	SH
2766	463948.7	3002972	492.505	SH

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787	463718.4	3003010	356.287	SH
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797	463719.5	3003318	544.002	SH
798	463719.8	3003318	544.057	SH
799	463719.8	3003318	544.057	SH
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801	463720	3003300	543.369	SH
802	463720	3003300	543.369	SH
803	463720	3003300	543.369	SH
804	463720.2	3002934	320.102	SH
805	463720.3	3002992	346.253	SH
806	463720.8	3002957	327.8	KH
807	463721.3	3003310	546.257	CL
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809	463721.3	3003310	546.257	CL
810	463721.4	3003316	544.025	CL
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812	463721.4	3003316	544.025	CL
813	463721.5	3003310	546.303	SH
814	463721.5	3003310	546.303	SH
815	463721.5	3003310	546.303	SH
816	463721.6	3002951	329.474	SH
817	463722.4	3002960	336.334	SH
818	463722.7	3003257	513.267	SH
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821	463722.9	3003277	527.181	SH
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823	463722.9	3003277	527.181	SH
824	463722.9	3002950	330.663	SH
825	463722.9	3003308	547.115	SH
826	463722.9	3003308	547.115	SH
827	463722.9	3003308	547.115	SH
828	463723	3002959	332.823	KH
829	463723.2	3002945	328.418	SH
830	463723.3	3003274	523.418	SH
831	463723.3	3003274	523.418	SH
832	463723.3	3003274	523.418	SH
833	463723.7	3002981	346.253	SH
834	463724	3003306	547.602	SH
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2768	463948.8	3002620	373.673	SH
2769	463948.8	3002840	438.228	SH
2770	463948.8	3002617	377.759	F
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2773	463949.2	3002357	450.13	SH
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2775	463949.5	3002961	481.622	SH
2776	463949.5	3002961	481.622	SH
2777	463949.5	3003181	568.635	SH
2778	463949.8	3002883	448.082	SH
2779	463950.2	3002469	400.85	SH
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2781	463950.4	3003126	541.179	SH
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2783	463950.4	3003126	541.179	SH
2784	463950.5	3002386	438.52	SH
2785	463950.7	3002451	393.441	SH
2786	463950.9	3002434	400.452	SH
2787	463951.2	3003136	537.412	SH
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2789	463951.2	3003136	537.412	SH
2790	463951.3	3002946	469.63	SH
2791	463951.4	3002649	377.823	SH
2792	463951.4	3002368	447.55	SH
2793	463951.5	3002638	363.706	SH
2794	463951.5	3002638	363.707	KH
2795	463951.5	3002981	502.167	SH
2796	463951.5	3002981	502.167	SH
2797	463951.6	3002613	383.95	SH
2798	463951.7	3003159	549.22	RC33
2799	463952.4	3003162	551.911	SH
2800	463952.6	3002974	494.387	SH
2801	463952.6	3002974	494.387	SH
2802	463952.6	3003164	553.688	SH
2803	463952.7	3002971	491.086	SH
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2805	463953	3003178	565.575	SH
2806	463953.1	3002440	397.636	SH
2807	463953.1	3003144	537.62	SH
2808	463953.2	3002654	383.95	SH
2809	463953.8	3002966	487.062	SH
2810	463953.8	3002966	487.062	SH
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2812	463954.1	3002961	483.558	SH
2813	463954.1	3002615	385.829	SH
2814	463954.2	3002974	494.643	SH
2815	463954.2	3002974	494.643	SH
2816	463954.2	3002615	385.656	F
2817	463954.6	3002505	394.631	SH
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2820	463954.8	3003177	564.737	SH
2821	463955	3003233	601.519	SH
2822	463955.2	3002516	387.446	SH
2823	463955.3	3002972	493.376	SH

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840	463724.4	3003288	536.068	FT
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842	463724.4	3003288	536.068	FT
843	463724.5	3003312	547.33	CL
844	463724.5	3003312	547.33	CL
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846	463724.7	3002923	319.539	SH
847	463724.8	3003318	544.305	CL
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850	463724.9	3003309	547.705	SH
851	463724.9	3003309	547.705	SH
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853	463725	3002950	333.126	SH
854	463725.2	3002945	330.98	SH
855	463725.3	3003065	382.178	SH
856	463726	3003009	354.157	SH
857	463726.3	3003322	544.222	CL
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865	463728	3003307	548.817	O-7
866	463728	3003307	548.817	O-7
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870	463728.2	3002953	336.519	SH
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875	463730	3003253	515.511	SH
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878	463730.6	3003003	354.23	SH
879	463730.6	3003253	515.772	SH
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882	463731.1	3002970	346.253	SH
883	463731.3	3002946	336.418	SH
884	463731.6	3002980	349.883	SH
885	463731.8	3003287	538.482	SH
886	463731.8	3003287	538.482	SH
887	463731.8	3003287	538.482	SH
888	463732.6	3002965	343.518	SH
889	463732.6	3002991	354.62	SH
890	463733	3002961	343.076	SH
891	463733.1	3002896	318.747	KB-2
892	463733.1	3002896	318.747	KB-2
893	463734.1	3003285	537.322	SH
894	463734.1	3003285	537.322	SH

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2825	463955.4	3002546	376.589	SH
2826	463955.4	3002429	402.862	SH
2827	463955.4	3002990	507.192	SH
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2829	463955.9	3003240	606.868	SH
2830	463955.9	3003137	540.718	SH
2831	463955.9	3002620	383.95	SH
2832	463956.1	3003208	586.242	SH
2833	463956.1	3003207	585.979	SH
2834	463956.2	3002973	494.544	SH
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2836	463956.3	3002470	405.823	SH
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2838	463956.8	3003174	560.985	SH
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2841	463957	3002452	397.636	SH
2842	463957	3002489	404.223	SH
2843	463957	3002497	400.23	RC
2844	463957.3	3003174	560.557	SH
2845	463957.4	3002713	423.909	SH
2846	463957.5	3003079	547.27	SH
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2849	463957.7	3002614	387.551	SH
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2856	463958.5	3002937	469.63	SH
2857	463958.5	3002980	501.367	SH
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2859	463958.5	3002376	446.23	SH
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2861	463958.7	3002363	452.68	SH
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2865	463959.6	3003130	544.017	SH
2866	463959.7	3002906	472.623	SH
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2868	463959.7	3002456	401.22	SH
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2870	463960	3002435	407.442	SH
2871	463960.2	3002661	394.285	SH
2872	463960.2	3002388	437.31	SH
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2875	463960.6	3002914	475.44	SH
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2878	463960.8	3002422	410.756	SH
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896	463734.1	3002931	328.714	SH
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900	463734.3	3003300	548.49	FT
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906	463734.9	3003280	534.58	FT
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911	463734.9	3003284	537.415	SH
912	463734.9	3003284	537.415	SH
913	463735	3002589	330.71	CP
914	463735	3002589	330.71	T-3
915	463735	3002589	330.713	T-3
916	463735.9	3002891	318.903	SH
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923	463739	3003267	531.3	SH
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946	463739.9	3003281	538.057	SH
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2885	463962	3002655	389.775	SH
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983	463750.9	3002958	349.55	SH
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986	463751.2	3003259	528.252	SH
987	463751.4	3002855	316.651	CL
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991	463751.6	3003299	554.546	SH
992	463752	3003248	521.807	SH
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994	463752	3003248	521.807	SH
995	463752.1	3002923	341.44	SH
996	463752.3	3003250	522.921	RC-READING
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2943	463967.6	3002889	469.904	SH
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2945	463967.7	3002505	400.418	SH
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2948	463967.8	3002435	410.756	SH
2949	463968.2	3002514	394.631	SH
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2954	463968.4	3002462	410.756	SH
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2968	463969.8	3002833	459.92	KK-7
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2971	463970.2	3002384	445.45	SH
2972	463970.3	3003146	543.11	RC31
2973	463970.5	3002594	387.551	SH
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2975	463970.7	3003206	583.946	SH
2976	463970.8	3002637	381.122	SH
2977	463970.8	3002637	380.863	KH
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2979	463970.9	3002836	461.762	SH
2980	463971	3003171	556.81	SH
2981	463971.1	3003171	556.81	SH
2982	463971.1	3002837	462.798	SH
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2985	463971.3	3002535	390.756	SH
2986	463971.5	3002524	390.756	SH
2987	463971.5	3002771	436.441	SH
2988	463971.7	3003167	552.829	SH
2989	463971.8	3002365	457.635	SH
2990	463971.9	3002450	410.756	SH
2991	463972.2	3003136	549.097	RC30
2992	463972.2	3003085	556.719	SH
2993	463972.6	3002376	452.68	SH
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1027	463758.9	3003279	542.239	RC48
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1032	463759.4	3002834	314.518	CL
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1054	463761.3	3003256	530.862	CLIFF TOP
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1056	463761.6	3003241	519.63	SH
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1058	463762.7	3003249	525.49	SH
1059	463763	3002980	365.23	SH
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1061	463763.2	3003254	529.812	CLIFF TOP
1062	463763.8	3003230	512.69	SH
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1065	463764.5	3003271	542.731	SH

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2997	463972.9	3002882	472.855	SH
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3000	463973.2	3003120	555.1	RC29
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3002	463973.2	3002371	455.9	SH
3003	463973.2	3002819	452.943	SH
3004	463973.2	3002819	452.943	SH
3005	463973.4	3003233	605.396	SH
3006	463973.4	3003207	583.551	SH
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3011	463973.7	3002897	485.269	SH
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3014	463974.1	3003193	571.165	SH
3015	463974.1	3003218	593.973	SH
3016	463974.4	3003229	602.824	SH
3017	463974.5	3002547	387.551	SH
3018	463974.6	3002821	458.208	SH
3019	463974.6	3002821	458.208	SH
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3022	463975	3002521	394.631	SH
3023	463975	3002881	472.975	ADIT-READING
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3028	463975.2	3002584	387.551	SH
3029	463975.3	3002882	475.191	ADIT-READING
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3034	463975.6	3002625	396.712	SH
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3039	463976	3002849	468.165	SH
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3043	463976.3	3002832	460.322	SH
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3045	463976.3	3002399	437.31	SH
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1080	463766.4	3003222	508.681	SH
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1090	463767.8	3003290	552.877	SH
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1095	463767.9	3003290	552.616	SH
1096	463768.3	3003267	541.672	SH
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1098	463769	3002895	341.61	SH
1099	463769.2	3003251	529.627	SH
1100	463769.4	3002974	367.45	SH
1101	463769.5	3002808	311.863	CL
1102	463769.6	3002849	323.654	SH
1103	463769.8	3002951	361.153	SH
1104	463770.4	3002862	329.209	SH
1105	463770.5	3003206	507.83	SH
1106	463770.5	3003276	547.432	SH
1107	463770.5	3003276	547.432	SH
1108	463770.5	3003276	547.432	SH
1109	463770.7	3002876	336.286	SH
1110	463770.8	3002980	370.88	SH
1111	463771.3	3002787	303.474	KH
1112	463771.4	3003250	528.949	CLIFF TOP
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1114	463772.6	3003270	546.062	SH
1115	463772.6	3002711	305.816	T-1
1116	463772.6	3002711	305.821	T-1
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1121	463773	3003234	520.36	SH
1122	463773.1	3003269	545.309	SH

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3054	463976.9	3003150	548.426	SH
3055	463977	3002654	389.775	SH
3056	463977	3003224	598.723	SH
3057	463977	3002795	450.746	SH
3058	463977	3002795	450.746	SH
3059	463977	3003097	558.878	SH
3060	463977.1	3002795	449.73	SH
3061	463977.2	3003233	604.41	SH
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3064	463977.6	3003240	609.904	SH
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3069	463978	3002642	389.775	SH
3070	463978	3003187	565.342	SH
3071	463978	3002539	394.631	SH
3072	463978.2	3002636	391.62	SH
3073	463978.3	3003145	545.277	KH
3074	463978.3	3002855	467.655	SH
3075	463978.3	3002855	467.655	SH
3076	463978.5	3002882	476.336	SH
3077	463978.5	3002882	476.336	SH
3078	463978.5	3002782	448.782	SH
3079	463978.5	3002782	448.782	SH
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1139	463777.5	3002934	358.781	SH
1140	463777.7	3002973	372.15	SH
1141	463778.1	3002815	315.824	CL
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1144	463778.4	3003248	530.611	CLIFF TOP
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1147	463779.7	3002806	313.528	CL
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3189	463991.4	3003094	565.946	SH
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3202	463992.5	3002736	452.708	KK-8
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3236	463997	3002559	389.41	RC
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3262	464000.3	3003077	565.06	T-1M
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3502	464033	3002701	456.773	SH
3503	464033	3003097	567.475	RC22
3504	464033.4	3002540	428.037	SH
3505	464033.4	3002500	451.43	SH
3506	464033.8	3002704	460.768	SH
3507	464033.8	3002704	460.768	SH

1522	463822.9	3002369	376.602	SH
1523	463823.2	3002199	421.156	SH
1524	463823.3	3003231	550.519	SH
1525	463823.3	3003231	550.519	SH
1526	463823.3	3003231	550.519	SH
1527	463824.2	3002816	331.53	SH
1528	463824.2	3002223	416.53	SH
1529	463824.5	3002282	412.56	SH
1530	463824.8	3003173	513.542	CLIFF
1531	463824.8	3003173	513.542	CLIFF
1532	463824.8	3003173	513.542	CLIFF
1533	463824.9	3002825	328.21	KH
1534	463825	3003174	513.57	SH
1535	463825	3003174	513.57	SH
1536	463825	3003174	513.57	SH
1537	463825.1	3003181	520.949	SH
1538	463825.1	3003181	520.949	SH
1539	463825.1	3003181	520.949	SH
1540	463825.2	3002854	359.59	SH
1541	463825.6	3002861	361.957	SH
1542	463825.7	3003200	537.913	SH
1543	463825.9	3002844	355.274	SH
1544	463826.2	3003216	549.435	SH
1545	463826.2	3003216	549.435	SH
1546	463826.2	3003216	549.435	SH
1547	463826.2	3003213	548.264	CLIFF
1548	463826.2	3003213	548.264	CLIFF
1549	463826.2	3003213	548.264	CLIFF
1550	463826.2	3003205	542.396	SH
1551	463826.3	3002721	317.521	SH
1552	463826.3	3002840	352.357	SH
1553	463826.4	3002346	392.218	SH
1554	463826.5	3002872	367.153	SH
1555	463826.5	3003212	547.63	RC42
1556	463826.6	3002236	415.63	SH
1557	463827	3003214	548.88	SH
1558	463827.2	3002206	422.3	SH
1559	463827.4	3003161	501.22	SH
1560	463827.4	3002656	299.812	CL
1561	463827.5	3003209	545.313	CLIFF
1562	463827.5	3003209	545.313	CLIFF
1563	463827.5	3003209	545.313	CLIFF
1564	463827.6	3002883	372.224	SH
1565	463828	3002254	415.76	SH
1566	463828.1	3002757	324.89	SH
1567	463828.2	3002719	316.988	SH
1568	463828.2	3002719	317.126	SH
1569	463828.3	3002845	357.646	SH
1570	463828.4	3003229	556.114	SH
1571	463828.4	3002699	305.355	SH
1572	463828.5	3002749	329.264	SH
1573	463828.8	3002774	331.391	SH
1574	463828.8	3002841	353.663	SH
1575	463828.8	3002841	353.663	SH
1576	463828.9	3002848	359.315	SH
1577	463828.9	3002848	359.315	SH
1578	463829.5	3002838	350.957	SH

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3509	464034.3	3002540	424.549	SH
3510	464034.3	3002545	417.521	SH
3511	464034.3	3002455	466.721	SH
3512	464034.4	3002509	451.86	SH
3513	464034.8	3003090	564.927	SH
3514	464034.9	3003202	599.508	SH
3515	464035	3003070	555.609	SH
3516	464035.2	3003110	572.604	SH
3517	464035.3	3003099	567.76	SH
3518	464035.4	3002541	423.361	F
3519	464035.7	3003130	580.955	SH
3520	464035.8	3003202	600.82	SH
3521	464036.4	3002544	418.836	KH
3522	464036.5	3002723	476.955	SH
3523	464036.5	3002723	476.955	SH
3524	464036.7	3002700	455.895	SH
3525	464036.7	3002700	455.895	SH
3526	464036.8	3002496	454.72	SH
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3528	464037.2	3002710	467.494	FT
3529	464037.2	3002710	467.494	FT
3530	464037.5	3002714	471.944	SH
3531	464037.5	3002714	471.944	SH
3532	464038.1	3002502	455.863	SH
3533	464038.3	3002528	441.127	SH
3534	464038.6	3003121	578.8	SH
3535	464038.9	3002478	465.35	SH
3536	464038.9	3002546	428.535	F
3537	464039.3	3002516	451.43	SH
3538	464040.4	3003095	567.55	RC21
3539	464040.6	3003136	583.992	SH
3540	464040.7	3003199	602.02	SH
3541	464040.7	3003098	568.621	SH
3542	464040.8	3002737	486.553	SH
3543	464040.9	3002633	454.498	SH
3544	464040.9	3002633	454.498	SH
3545	464041.1	3003118	577.694	SH
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3547	464041.4	3003198	602.338	SH
3548	464041.6	3002699	455.562	SH
3549	464041.6	3002699	455.562	SH
3550	464041.6	3002629	456.027	SH
3551	464041.6	3002629	456.027	SH
3552	464041.7	3002545	434.246	SH
3553	464041.8	3002545	433.888	SH
3554	464041.9	3003133	583.846	SH
3555	464042	3002597	439.653	SH
3556	464042	3002597	440.036	F
3557	464042.4	3003133	584.373	SH
3558	464042.4	3003133	584.372	SH
3559	464042.5	3003254	623.988	SH
3560	464042.6	3003254	623.394	SH
3561	464042.7	3002622	455.82	SH
3562	464043	3003129	582.438	SH
3563	464043	3002679	452.819	SH
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1580	463829.6	3002849	360.127	SH
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1582	463829.7	3002591	292.683	KH
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1584	463830.3	3003223	554.851	SH
1585	463830.3	3003223	554.851	SH
1586	463830.5	3002801	335.682	SH
1587	463830.6	3002757	328.516	SH
1588	463830.9	3002779	333.21	SH
1589	463830.9	3002779	333.285	SH
1590	463831.5	3002723	321.757	SH
1591	463831.6	3002723	322.04	SH
1592	463831.7	3003208	546.298	RC41
1593	463831.8	3003224	556.307	SH
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1595	463831.8	3003224	556.307	SH
1596	463832	3002868	368.556	SH
1597	463832.1	3003218	553.482	SH
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1600	463832.4	3002270	417.52	SH
1601	463832.4	3002291	412.536	SH
1602	463832.7	3003216	552.249	SH
1603	463832.9	3002861	368.153	SH
1604	463832.9	3002877	374.153	SH
1605	463833.3	3002846	359.478	SH
1606	463833.3	3002785	336.847	SH
1607	463833.3	3002243	419.987	SH
1608	463833.4	3003231	560.333	SH
1609	463833.4	3003231	560.333	SH
1610	463833.4	3003231	560.333	SH
1611	463833.5	3003168	509.22	SH
1612	463833.9	3002848	361.951	SH
1613	463834.1	3002762	333.949	SH
1614	463834.1	3002763	333.521	SH
1615	463834.8	3002314	412.236	SH
1616	463835.1	3002194	430.062	SH
1617	463835.3	3002640	299.553	CL
1618	463835.4	3002837	345.783	KH
1619	463835.4	3002302	413.561	SH
1620	463835.5	3002529	295.484	KH
1621	463835.6	3002220	425.047	SH
1622	463835.7	3002764	334.062	SH
1623	463835.9	3003230	561.614	SH
1624	463835.9	3003230	561.614	SH
1625	463835.9	3003230	561.614	SH
1626	463836	3002846	360.068	SH
1627	463836.5	3002373	380.315	SH
1628	463836.7	3002749	332.597	SH
1629	463836.8	3003171	514.297	SH
1630	463836.8	3003171	514.297	SH
1631	463836.8	3003171	514.297	SH
1632	463836.9	3003203	544.9	RC40
1633	463836.9	3003207	549.348	CLIFF
1634	463836.9	3003207	549.348	CLIFF
1635	463836.9	3003207	549.348	CLIFF

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3568	464044	3002699	457.772	SH
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3570	464044.3	3003254	623.911	SH
3571	464044.9	3002697	454.436	SH
3572	464044.9	3002697	454.436	SH
3573	464045	3002718	480.174	SH
3574	464045	3002718	480.174	SH
3575	464045	3002498	462.74	SH
3576	464045.2	3003205	607.276	SH
3577	464045.2	3002521	452.11	SH
3578	464045.3	3003215	613.555	SH
3579	464045.4	3002508	461.223	SH
3580	464046.2	3003170	594.632	SH
3581	464046.3	3003189	599.81	SH
3582	464046.3	3003208	609.178	SH
3583	464046.9	3002698	455.582	SH
3584	464046.9	3002698	455.582	SH
3585	464047	3003132	584.934	SH
3586	464047.4	3002724	486.553	SH
3587	464047.4	3003086	565.662	SH
3588	464047.5	3002492	465.35	SH
3589	464047.5	3002516	455.863	SH
3590	464047.8	3002530	449.234	SH
3591	464047.8	3002684	454.838	SH
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3593	464047.9	3002684	454.841	FT
3594	464047.9	3002684	454.841	FT
3595	464047.9	3002630	460.963	SH
3596	464047.9	3002630	460.963	SH
3597	464048.1	3003086	565.641	SH
3598	464048.1	3002710	470.26	SH
3599	464048.3	3003090	567.718	SH
3600	464048.9	3002657	453.249	SH
3601	464048.9	3002657	453.249	SH
3602	464048.9	3002680	456.608	SH
3603	464048.9	3002680	456.608	SH
3604	464049	3003097	571.036	SH
3605	464049	3003091	568.159	RC21
3606	464049.5	3002705	462.929	FT
3607	464049.5	3002705	462.929	FT
3608	464049.8	3002719	483.542	SH
3609	464049.8	3002719	483.542	SH
3610	464050	3002515	458.65	SH
3611	464050	3003258	628.076	SH
3612	464050	3002624	460.92	SH
3613	464050.2	3002560	456.553	SH
3614	464050.2	3002560	456.553	SH
3615	464050.2	3002502	465.35	SH
3616	464050.6	3003097	571.611	SH
3617	464050.7	3003262	629.929	SH
3618	464051	3002532	451.86	SH
3619	464051	3003176	598.949	SH
3620	464051.3	3002612	455.82	SH
3621	464051.4	3002589	457.917	SH

1636	463837	3002206	429.47	SH
1637	463837.2	3003206	547.681	CLIFF
1638	463837.2	3003206	547.681	CLIFF
1639	463837.2	3003206	547.681	CLIFF
1640	463837.4	3002192	431.483	SH
1641	463838.8	3003192	536.943	CLIFF
1642	463838.8	3003192	536.943	CLIFF
1643	463838.8	3003192	536.943	CLIFF
1644	463838.8	3002804	343.459	SH
1645	463838.9	3002763	337.381	SH
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1647	463839	3003216	558.893	SH
1648	463839	3003216	558.893	SH
1649	463839	3003216	558.893	SH
1650	463839.1	3003217	558.791	CLIFF
1651	463839.1	3003217	558.791	CLIFF
1652	463839.1	3003217	558.791	CLIFF
1653	463839.1	3002863	372.403	SH
1654	463839.3	3002785	339.433	SH
1655	463839.5	3002799	341.906	SH
1656	463839.7	3003163	505.723	SH
1657	463839.9	3003202	545.262	SH
1658	463839.9	3003202	545.262	SH
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1662	463840	3003203	544.679	CLIFF
1663	463840	3002735	333.526	SH
1664	463840.1	3003155	501.941	SH
1665	463840.1	3003155	501.941	SH
1666	463840.1	3003155	501.941	SH
1667	463840.6	3002856	368.915	SH
1668	463840.6	3002856	368.915	SH
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1671	463840.8	3003153	497.53	SH
1672	463840.8	3003236	567.894	SH
1673	463840.8	3003236	567.894	SH
1674	463840.8	3003236	567.894	SH
1675	463841	3003217	561.986	SH
1676	463841.3	3002879	378.953	SH
1677	463841.5	3002697	309.396	SH
1678	463841.8	3002402	358.111	SH
1679	463842.3	3002225	429.22	SH
1680	463842.3	3002278	421.22	SH
1681	463842.4	3002725	330.662	SH
1682	463842.5	3002756	339.388	SH
1683	463843.1	3002388	371.101	SH
1684	463843.2	3002528	300.144	SH
1685	463843.4	3002702	313.078	KH
1686	463843.5	3003202	549.289	CLIFF
1687	463843.5	3003202	549.289	CLIFF
1688	463843.5	3003202	549.289	CLIFF
1689	463843.6	3002769	341.256	SH
1690	463843.8	3002540	293.792	SH
1691	463843.8	3002631	299.244	SH
1692	463843.9	3002540	293.787	KH

3622	464051.4	3002589	457.917	SH
3623	464051.7	3002553	457.665	SH
3624	464051.7	3003112	578.557	SH
3625	464052.8	3002527	455.863	SH
3626	464053.1	3003217	617.511	SH
3627	464053.3	3002515	465.35	SH
3628	464053.6	3002702	461.091	FT+KH
3629	464053.6	3002702	461.091	FT+KH
3630	464054	3003217	617.621	SH
3631	464054.1	3002884	528.472	T-3
3632	464054.1	3002884	528.475	T-3
3633	464054.5	3003197	608.021	SH
3634	464054.7	3002633	465.171	SH
3635	464054.7	3002633	465.171	SH
3636	464054.8	3002882	528.611	SH
3637	464055	3002600	456.762	SH
3638	464055	3002711	474.482	SH
3639	464055	3002711	474.482	SH
3640	464055	3002631	466.118	KK-9
3641	464055	3002631	466.118	KK-9
3642	464055	3002631	466.118	KK-9
3643	464055	3002631	466.118	KK-9
3644	464055.6	3003213	615.204	SH
3645	464055.6	3002542	444.72	KH
3646	464055.7	3002522	465.721	SH
3647	464055.7	3002522	465.721	SH
3648	464055.8	3003206	612.492	SH
3649	464055.9	3002537	451.86	SH
3650	464056.1	3003170	597.499	SH
3651	464056.2	3003213	616.049	SH
3652	464056.3	3002646	463.163	SH
3653	464056.3	3002646	463.163	SH
3654	464056.5	3002648	462.653	SH
3655	464056.5	3002648	462.649	SH
3656	464056.5	3003171	597.863	SH
3657	464056.5	3002656	462.086	SH
3658	464056.5	3002656	462.086	SH
3659	464056.8	3002553	463.51	SH
3660	464057.1	3002631	467.326	SH
3661	464057.1	3002631	467.326	SH
3662	464057.2	3003055	555.539	SH
3663	464057.2	3002591	460.922	SH
3664	464057.2	3002563	462.545	SH
3665	464057.2	3002563	462.533	SH
3666	464057.4	3002563	462.938	SH
3667	464057.4	3002563	462.938	SH
3668	464057.5	3002582	461.391	SH
3669	464057.5	3002582	461.391	SH
3670	464057.5	3002717	482.206	SH
3671	464057.5	3002717	482.206	SH
3672	464057.5	3002579	462.763	SH
3673	464057.5	3002579	462.763	SH
3674	464057.6	3002697	461.52	KH
3675	464057.7	3002598	461.583	SH
3676	464057.7	3002598	461.583	SH
3677	464058.3	3003195	608.714	SH
3678	464058.4	3002627	466.92	SH

1693	463843.9	3003222	567.921	SH
1694	463843.9	3003222	567.921	SH
1695	463843.9	3003222	567.921	SH
1696	463843.9	3002327	412.236	SH
1697	463843.9	3002202	433.816	RC READING
1698	463844.2	3002846	362.287	SH
1699	463844.3	3002724	330.987	SH
1700	463844.5	3002686	307.611	SH
1701	463844.5	3002630	299.351	CL
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1703	463844.7	3002256	423.25	SH
1704	463844.9	3003223	568.231	CP
1705	463844.9	3003223	568.231	O-6
1706	463844.9	3003223	568.231	O-6
1707	463844.9	3003223	568.231	O-6
1708	463844.9	3003223	568.231	O-6
1709	463844.9	3003223	568.221	O-6
1710	463844.9	3002189	432.614	SH
1711	463844.9	3002271	424.56	SH
1712	463845	3002289	422.153	SH
1713	463845	3002749	338.862	SH
1714	463845	3002844	358.197	SH
1715	463845.1	3002845	361.575	SH
1716	463845.2	3002846	362.595	SH
1717	463845.3	3002533	306.501	SH
1718	463845.3	3002533	306.61	SH
1719	463845.5	3002886	384.501	SH
1720	463845.7	3003204	553.561	CLIFF
1721	463845.7	3003204	553.561	CLIFF
1722	463845.7	3003204	553.561	CLIFF
1723	463845.7	3003190	540.259	SH
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1726	463845.7	3003177	526.61	SH
1727	463845.7	3003177	526.61	SH
1728	463845.7	3003177	526.61	SH
1729	463845.8	3003177	526.682	SH
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1733	463845.8	3002861	374.768	SH
1734	463845.8	3003177	526.461	CLIFF
1735	463845.8	3003177	526.461	CLIFF
1736	463845.8	3003177	526.461	CLIFF
1737	463845.9	3002776	342.999	SH
1738	463846	3002776	342.882	SH
1739	463846.2	3003239	572.313	SH
1740	463846.2	3003239	572.313	SH
1741	463846.2	3003239	572.313	SH
1742	463846.2	3002550	293.655	KH
1743	463846.7	3003190	540.174	SH
1744	463847.2	3003182	532.392	SH
1745	463847.2	3003182	532.392	SH
1746	463847.2	3003182	532.392	SH
1747	463847.4	3002208	435.42	SH
1748	463847.5	3003158	504.86	SH
1749	463848	3003165	512.953	SH

3679	464058.5	3002547	462.77	SH
3680	464058.5	3003195	608.47	SH
3681	464058.6	3002649	463.658	SH
3682	464058.6	3002649	463.658	SH
3683	464058.8	3002671	461.047	SH
3684	464058.8	3002671	461.047	SH
3685	464058.8	3003195	608.782	SH
3686	464059	3002536	455.863	SH
3687	464059.2	3002614	460.92	SH
3688	464059.5	3002678	464.847	SH
3689	464059.5	3002678	464.847	SH
3690	464059.6	3002706	469.57	SH
3691	464059.6	3003076	564.088	SH
3692	464059.6	3002638	465.381	SH
3693	464059.6	3002638	465.381	SH
3694	464059.6	3002633	468.358	SH
3695	464059.6	3002633	468.358	SH
3696	464059.8	3002679	464.556	SH
3697	464059.8	3002679	464.556	SH
3698	464059.9	3002602	460.92	SH
3699	464060.4	3002530	462.762	SH
3700	464060.4	3002580	465.219	SH
3701	464060.4	3002580	465.219	SH
3702	464060.4	3002646	465.047	SH
3703	464060.4	3002646	465.047	SH
3704	464060.5	3002520	469.22	SH
3705	464060.7	3002637	467.669	SH
3706	464060.7	3002637	467.669	SH
3707	464060.7	3002541	449.234	KH
3708	464061.4	3002608	459.845	KH
3709	464061.4	3002608	459.845	KH
3710	464061.7	3002580	465.995	SH
3711	464061.7	3002580	465.995	SH
3712	464061.8	3003079	565.98	RC20
3713	464061.8	3002647	467.747	SH
3714	464061.8	3002647	467.747	SH
3715	464062.1	3002623	466.92	SH
3716	464062.2	3003070	561.526	SH
3717	464063.2	3002685	469.17	SH
3718	464063.4	3002579	466.926	SH
3719	464063.4	3002579	466.926	SH
3720	464063.6	3003083	568.223	SH
3721	464063.6	3003087	570.542	SH
3722	464063.6	3003083	568.222	SH
3723	464063.7	3002699	464.13	KH
3724	464063.9	3002560	467.955	SH
3725	464063.9	3002560	467.955	SH
3726	464064	3002590	465.83	SH
3727	464064.2	3002545	457.644	SH
3728	464064.2	3002536	462.755	SH
3729	464064.9	3003046	556.922	SH
3730	464065.2	3002605	464.648	SH
3731	464065.2	3002605	464.648	SH
3732	464065.4	3003130	588.688	SH
3733	464065.5	3002715	479.121	SH
3734	464065.5	3002715	479.121	SH
3735	464065.7	3002600	466.62	SH

1750	463848	3003165	512.953	SH
1751	463848	3003165	512.953	SH
1752	463848	3002866	379.59	SH
1753	463848.1	3003130	485.293	CLIFF
1754	463848.1	3003130	485.293	CLIFF
1755	463848.1	3003130	485.293	CLIFF
1756	463848.2	3003196	548.9	RC39
1757	463848.2	3002542	303.951	SH
1758	463848.2	3002265	426.88	SH
1759	463848.5	3002767	345.158	SH
1760	463848.5	3002737	338.862	SH
1761	463849	3002844	363.398	SH
1762	463849	3003192	544.801	SH
1763	463849.7	3002236	431.22	SH
1764	463849.7	3002393	366.793	SH
1765	463850.2	3002312	421.052	SH
1766	463850.2	3002216	439.62	SH
1767	463850.6	3002740	341.032	SH
1768	463850.6	3002798	349.195	SH
1769	463850.7	3002201	436.656	SH
1770	463850.7	3002756	345.158	SH
1771	463851.3	3002539	309.027	SH
1772	463851.6	3003129	489.405	CLIFF
1773	463851.6	3003129	489.405	CLIFF
1774	463851.6	3003129	489.405	CLIFF
1775	463851.8	3002634	301.363	SH
1776	463852	3002248	428.33	SH
1777	463852.1	3002650	306.3	SH
1778	463852.3	3002540	310.578	SH
1779	463852.3	3002732	340.63	SH
1780	463852.6	3003139	490.935	SH
1781	463852.6	3003139	490.935	SH
1782	463852.6	3003139	490.935	SH
1783	463852.7	3002722	333.203	SH
1784	463852.7	3002296	424.552	SH
1785	463853	3002769	348.638	SH
1786	463853	3003174	526.48	CLIFF
1787	463853	3003174	526.48	CLIFF
1788	463853	3003174	526.48	CLIFF
1789	463853.3	3003139	491.14	CLIFF
1790	463853.3	3003139	491.14	CLIFF
1791	463853.3	3003139	491.14	CLIFF
1792	463853.5	3002852	370.146	SH
1793	463853.6	3002541	313.742	SH
1794	463854	3002857	373.556	SH
1795	463854	3003142	497.465	CLIFF
1796	463854	3003142	497.465	CLIFF
1797	463854	3003142	497.465	CLIFF
1798	463854.1	3002285	426.88	SH
1799	463854.2	3002194	434.761	SH
1800	463854.3	3002369	386.743	SH
1801	463854.3	3002369	386.601	SH
1802	463854.3	3002369	386.604	SH
1803	463854.6	3002269	432.52	SH
1804	463854.7	3002554	305.092	SH
1805	463854.7	3002745	345.463	SH
1806	463854.9	3002702	317.674	SH

3736	464065.7	3002600	466.62	SH
3737	464065.8	3002670	470.708	SH
3738	464065.8	3002670	470.708	SH
3739	464065.9	3002607	464.043	C-READING+KH
3740	464065.9	3002607	464.043	C-READING+KH
3741	464066.2	3002533	466.752	SH
3742	464066.4	3002672	470.846	SH
3743	464066.4	3002672	470.846	SH
3744	464066.6	3002712	475.868	SH
3745	464066.6	3002712	475.868	SH
3746	464066.6	3003123	589.125	SH
3747	464066.6	3003040	556.351	SH
3748	464066.7	3002630	472.33	SH
3749	464066.7	3003066	563.425	SH
3750	464066.7	3003194	610.287	SH
3751	464066.8	3002612	463.771	KH
3752	464066.8	3002612	463.771	KH
3753	464066.9	3002652	472.007	SH
3754	464066.9	3002652	472.007	SH
3755	464066.9	3002680	472.189	SH
3756	464066.9	3002680	472.189	SH
3757	464067	3003231	627.167	SH
3758	464067	3003089	572.761	SH
3759	464067.1	3003195	611.289	SH
3760	464067.3	3003199	613.739	SH
3761	464067.3	3003070	566.713	SH
3762	464067.4	3003114	586.579	SH
3763	464067.4	3002646	472.33	SH
3764	464067.6	3002541	454.11	KH
3765	464067.6	3003114	586.786	SH
3766	464067.7	3003128	590.234	SH
3767	464067.8	3002601	468.706	SH
3768	464067.8	3002601	468.706	SH
3769	464068	3002529	470.49	SH
3770	464068	3003171	599.567	SH
3771	464068.3	3002693	470.28	SH
3772	464068.5	3003079	569.618	SH
3773	464068.5	3003070	565.482	RC19
3774	464069	3002643	475.863	SH
3775	464069.4	3002553	471.47	SH
3776	464069.6	3003073	567.149	SH
3777	464069.6	3003239	632.09	SH
3778	464069.7	3003177	605.468	SH
3779	464069.7	3002545	462.793	SH
3780	464070	3002540	457.66	SH
3781	464070.1	3002594	471.985	SH
3782	464070.1	3002594	471.985	SH
3783	464070.2	3002588	472.53	SH
3784	464070.3	3002566	471.47	SH
3785	464070.3	3002670	477.875	SH
3786	464070.3	3002670	477.875	SH
3787	464070.3	3002670	477.761	SH
3788	464070.3	3002670	477.761	SH
3789	464070.3	3002702	469.17	KH
3790	464070.3	3002684	475.62	SH
3791	464070.4	3002610	466.92	SH
3792	464070.8	3003185	608.369	SH

1807	463855	3002232	435.42	SH
1808	463855.2	3003142	494.506	CLIFF
1809	463855.2	3003142	494.506	CLIFF
1810	463855.2	3003142	494.506	CLIFF
1811	463855.3	3002775	351.498	SH
1812	463855.3	3003131	492.588	CLIFF
1813	463855.3	3003131	492.588	CLIFF
1814	463855.3	3003131	492.588	CLIFF
1815	463855.4	3003131	492.646	SH
1816	463855.4	3003131	492.646	SH
1817	463855.4	3003131	492.646	SH
1818	463855.4	3002683	311.502	SH
1819	463855.5	3002683	311.237	SH
1820	463855.6	3002804	354.344	SH
1821	463855.6	3002844	360.727	SH
1822	463855.6	3003150	505.33	SH
1823	463855.7	3003143	501.356	CLIFF
1824	463855.7	3003143	501.356	CLIFF
1825	463855.7	3003143	501.356	CLIFF
1826	463855.8	3002612	298.615	SH
1827	463855.9	3002843	359.906	KH
1828	463856.2	3002812	359.059	SH
1829	463856.3	3002554	311.967	SH
1830	463856.4	3002820	360.26	SH
1831	463856.6	3002840	351.968	KH
1832	463856.9	3002321	416.223	SH
1833	463856.9	3003171	526.361	SH
1834	463856.9	3003171	526.361	SH
1835	463856.9	3003171	526.361	SH
1836	463857	3002212	442.38	SH
1837	463857	3003186	543.153	SH
1838	463857.1	3002705	319.753	SH
1839	463857.1	3002885	392.966	SH
1840	463857.1	3003171	526.546	CLIFF
1841	463857.1	3003171	526.546	CLIFF
1842	463857.1	3003171	526.546	CLIFF
1843	463857.1	3002726	344.144	SH
1844	463857.2	3002705	320.337	SH
1845	463857.2	3002709	326.703	SH
1846	463857.3	3002709	326.765	KH
1847	463857.3	3002862	381.042	SH
1848	463857.4	3003192	550.701	CLIFF
1849	463857.4	3003192	550.701	CLIFF
1850	463857.4	3003192	550.701	CLIFF
1851	463857.4	3002561	307.484	SH
1852	463857.8	3002563	302.69	SH
1853	463857.9	3003191	550.506	SH
1854	463857.9	3002333	408.886	SH
1855	463858	3002708	326.391	KH
1856	463858.1	3002401	370.789	SH
1857	463858.2	3002238	435.1	SH
1858	463858.4	3002829	360.26	SH
1859	463858.4	3003198	557.389	SH
1860	463858.6	3003134	495.342	CLIFF
1861	463858.6	3003134	495.342	CLIFF
1862	463858.6	3003134	495.342	CLIFF
1863	463858.7	3003125	490.616	SH

3793	464071.2	3002621	472.33	SH
3794	464071.2	3002580	472.451	SH
3795	464071.2	3002580	472.451	SH
3796	464071.3	3002654	477.579	SH
3797	464071.3	3002654	477.579	SH
3798	464072	3002709	475.13	SH
3799	464072.2	3002626	475.863	SH
3800	464072.3	3002605	472.263	SH
3801	464072.3	3002605	472.263	SH
3802	464072.3	3002663	478.817	SH
3803	464072.3	3002663	478.817	SH
3804	464072.5	3002663	478.912	SH
3805	464072.5	3002663	478.912	SH
3806	464072.5	3003188	610.273	SH
3807	464072.5	3003074	568.912	SH
3808	464072.7	3002677	480.76	SH
3809	464072.8	3002604	472.334	SH
3810	464072.8	3002604	472.334	SH
3811	464073.4	3002653	480.192	SH
3812	464073.4	3002653	480.192	SH
3813	464073.4	3003041	559.477	SH
3814	464073.6	3002694	475.62	SH
3815	464073.7	3002641	480.315	SH
3816	464073.7	3002641	480.315	SH
3817	464073.9	3003157	600.84	SH
3818	464074.2	3002539	462.778	SH
3819	464074.2	3002562	473.891	SH
3820	464074.2	3002562	473.891	SH
3821	464074.3	3003063	566.506	SH
3822	464074.7	3002609	472.33	SH
3823	464075.6	3002599	475.863	SH
3824	464075.8	3002703	475.62	KH
3825	464076.3	3002661	484.467	SH
3826	464076.3	3002661	484.467	SH
3827	464076.7	3003065	569.352	SH
3828	464076.8	3003144	598.477	SH
3829	464076.9	3002689	480.98	SH
3830	464076.9	3002584	475.863	SH
3831	464077	3002545	471.47	SH
3832	464077.1	3003211	623.049	SH
3833	464077.1	3002578	476.685	SH
3834	464077.1	3002578	476.685	SH
3835	464077.4	3002615	472.33	SH
3836	464077.4	3003046	564.94	SH
3837	464077.5	3003039	561.693	SH
3838	464077.5	3003047	563.13	SH
3839	464077.5	3003047	562.631	SH
3840	464078.7	3002566	477.201	SH
3841	464078.7	3002566	477.201	SH
3842	464079.3	3002698	481.11	SH
3843	464079.3	3002673	491.174	SH
3844	464079.3	3002673	491.174	SH
3845	464079.7	3003045	564.903	SH
3846	464079.7	3002533	471.47	SH
3847	464080	3002645	488.402	SH
3848	464080	3002645	488.402	SH
3849	464080	3002645	488.434	SH

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1865	463858.7	3003125	490.616	SH
1866	463858.8	3002675	312.501	SH
1867	463858.8	3003125	490.426	SH
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1869	463858.8	3003125	490.426	SH
1870	463858.9	3002568	298.343	SH
1871	463859.3	3002314	421.863	SH
1872	463859.3	3002846	363.133	KH
1873	463859.3	3002754	351.523	SH
1874	463859.4	3003202	561.72	SH
1875	463859.5	3002860	378.258	SH
1876	463859.5	3002860	378.258	SH
1877	463859.5	3002893	397.356	SH
1878	463859.6	3002839	358.917	KH
1879	463859.6	3003194	554.332	SH
1880	463859.7	3002859	378.165	SH
1881	463859.7	3002859	378.165	SH
1882	463859.8	3002599	299.111	SH
1883	463859.9	3002834	360.241	SH
1884	463859.9	3002528	321.466	SH
1885	463860	3002211	443.703	O-4
1886	463860	3002211	443.703	O-4
1887	463860.2	3002217	442.745	SH
1888	463860.2	3002872	388.178	SH
1889	463860.6	3002209	443.129	SH
1890	463861	3002554	317.675	SH
1891	463861.2	3002540	319.478	CH
1892	463861.4	3002950	421.544	SH
1893	463861.5	3002759	354.938	SH
1894	463861.6	3003195	553.985	SH
1895	463861.6	3003205	562.905	SH
1896	463861.7	3002568	307.793	F
1897	463862	3002371	388.361	SH
1898	463862	3002539	320	CP
1899	463862	3003119	484.73	SH
1900	463862	3002826	363.949	SH
1901	463862.2	3003157	509.445	CLIFF
1902	463862.2	3003157	509.445	CLIFF
1903	463862.2	3003157	509.445	CLIFF
1904	463862.2	3002264	436.26	SH
1905	463862.3	3002656	315.516	SH
1906	463862.3	3002649	314.493	SH
1907	463862.3	3002852	368.532	KH
1908	463862.7	3002868	386.599	SH
1909	463862.7	3002868	386.599	SH
1910	463862.9	3002950	425.764	SH
1911	463863.1	3002370	388.741	SH
1912	463863.3	3002637	307.993	SH
1913	463863.6	3002301	426.88	SH
1914	463863.6	3002199	437.608	SH
1915	463863.7	3002845	367.646	KH
1916	463863.8	3002810	364.752	SH
1917	463863.9	3002204	441.52	SH
1918	463864	3002817	366.31	SH
1919	463864.2	3002698	331.749	SH
1920	463864.6	3002633	308.406	SH

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3851	464080.2	3002612	475.863	SH
3852	464080.4	3002645	488.932	SH
3853	464080.4	3002645	488.932	SH
3854	464080.4	3003177	609.525	SH
3855	464080.5	3002654	491.4	SH
3856	464080.5	3002654	491.4	SH
3857	464080.5	3002538	466.752	SH
3858	464080.6	3002656	493.094	SH
3859	464080.6	3002656	493.094	SH
3860	464080.7	3003176	609.655	SH
3861	464080.8	3002663	489.906	SH
3862	464080.8	3002663	489.906	SH
3863	464081.3	3003058	569.66	RC18
3864	464081.5	3002661	492.345	SH
3865	464081.5	3002661	492.345	SH
3866	464081.7	3002669	492.491	SH
3867	464081.7	3002669	492.491	SH
3868	464081.9	3003220	629.428	SH
3869	464082.2	3003036	562.541	SH
3870	464084.2	3003197	619.152	SH
3871	464084.7	3003033	563.931	SH
3872	464084.8	3003024	559.717	SH
3873	464086.1	3003074	579.006	SH
3874	464088	3003188	616.219	SH
3875	464090.7	3003047	571.773	RC17
3876	464092.5	3003197	623.1	SH
3877	464094.8	3003052	575.218	FT
3878	464097.2	3003056	579.051	SH
3879	464097.3	3003110	602.414	SH
3880	464098	3003040	572.01	RC16
3881	464099.1	3003030	569.188	FT
3882	464099.4	3003034	570.662	FT
3883	464100.1	3003030	570.147	SH
3884	464100.4	3003032	570.282	FT
3885	464101.1	3003013	556.013	SH
3886	464101.3	3003039	574.269	SH
3887	464101.7	3003042	576.338	SH
3888	464102.2	3003032	571.202	SH
3889	464102.4	3003021	564.987	SH
3890	464102.7	3003037	575.117	SH
3891	464102.8	3003026	568.127	O-2
3892	464102.8	3003026	568.127	O-2
3893	464102.9	3003034	572.869	SH
3894	464103.9	3003031	570.812	SH
3895	464103.9	3003026	567.908	FT
3896	464104.3	3003021	564.747	SH
3897	464104.3	3002971	558.725	SH
3898	464104.5	3003037	575.724	SH
3899	464104.8	3003018	562.763	SH
3900	464105.6	3002998	559.233	SH
3901	464105.8	3003033	573.423	SH
3902	464106	3003033	573.557	RC15
3903	464106.9	3003020	563.623	SH
3904	464108.3	3003025	567.321	FT
3905	464108.5	3003028	569.833	SH
3906	464109.1	3003100	607.121	SH

1921	463864.8	3002252	436.365	SH
1922	463865.1	3002841	366.959	SH
1923	463865.1	3002841	367.172	SH
1924	463865.2	3002558	320.061	F
1925	463865.4	3002539	322.076	CH
1926	463865.7	3002730	347.331	SH
1927	463865.9	3003141	505.33	SH
1928	463866	3002657	318.638	SH
1929	463866	3002765	360.923	SH
1930	463866	3002789	362.382	SH
1931	463866.1	3002565	316.738	SH
1932	463866.1	3002307	424.552	SH
1933	463866.8	3002734	350.632	SH
1934	463867	3002319	418.432	SH
1935	463867.1	3002873	392.759	SH
1936	463867.1	3002873	392.759	SH
1937	463867.2	3002226	444.32	SH
1938	463867.4	3002829	370.256	SH
1939	463867.6	3003183	547.075	SH
1940	463867.6	3003183	547.075	SH
1941	463867.6	3003183	547.075	SH
1942	463867.7	3002837	370.114	SH
1943	463867.8	3003176	540.281	CLIFF
1944	463867.8	3003176	540.281	CLIFF
1945	463867.8	3003176	540.281	CLIFF
1946	463867.9	3002547	323.188	RC-READING
1947	463867.9	3003175	540.36	SH
1948	463867.9	3003175	540.36	SH
1949	463867.9	3003175	540.36	SH
1950	463868	3003175	540.426	CLIFF
1951	463868	3003175	540.426	CLIFF
1952	463868	3003175	540.426	CLIFF
1953	463868.3	3002714	335.183	KH
1954	463868.3	3002714	335.184	KH
1955	463868.4	3003176	541.066	CLIFF
1956	463868.4	3003176	541.066	CLIFF
1957	463868.4	3003176	541.066	CLIFF
1958	463868.5	3003123	493.456	CLIFF
1959	463868.5	3003123	493.456	CLIFF
1960	463868.5	3003123	493.456	CLIFF
1961	463868.6	3002217	446.403	SH
1962	463869.1	3003182	547.757	CLIFF
1963	463869.1	3003182	547.757	CLIFF
1964	463869.1	3003182	547.757	CLIFF
1965	463869.4	3002550	324.351	RC-READING
1966	463869.4	3002569	316.88	SH
1967	463869.4	3002697	339.951	SH
1968	463869.6	3002763	362.385	SH
1969	463869.9	3002272	436.529	F
1970	463870	3002800	364.223	SH
1971	463870.3	3002244	441.666	SH
1972	463870.3	3003183	549.489	SH
1973	463870.3	3002237	444.32	SH
1974	463870.4	3002811	368.667	SH
1975	463870.5	3002277	435.734	F
1976	463870.6	3003185	551.107	SH
1977	463870.8	3002578	303.738	SH

3907	464109.2	3003107	611.609	SH
3908	464109.2	3003036	578.139	SH
3909	464109.5	3003004	559.786	SH
3910	464109.8	3003035	578.154	SH
3911	464109.9	3003025	567.021	FT
3912	464110.2	3003038	579.355	SH
3913	464111.1	3003032	576.039	SH
3914	464111.6	3003115	617.963	SH
3915	464111.6	3003026	569	SH
3916	464111.9	3003042	582.754	SH
3917	464111.9	3003032	576.861	SH
3918	464112.1	3003122	619.578	SH
3919	464112.1	3003002	562.542	SH
3920	464112.4	3003030	572.346	RC14
3921	464112.5	3003033	577.328	SH
3922	464113.1	3003019	563.567	SH
3923	464113.3	3003026	566.649	FT
3924	464114.5	3002987	566.779	FT
3925	464115.3	3003045	584.706	SH
3926	464115.4	3002997	566.36	FT
3927	464116.6	3003001	565.127	FT
3928	464117	3003041	581.428	SH
3929	464117	3003025	567.153	FT
3930	464117.1	3002992	568.748	SH
3931	464117.5	3003024	567.03	RC13
3932	464117.9	3002989	569.002	SH
3933	464118.3	3003045	583.885	SH
3934	464118.7	3003013	565.672	FT
3935	464119.2	3003019	566.927	RC12
3936	464119.6	3002995	569.873	SH
3937	464119.8	3003100	617.866	SH
3938	464120.2	3003038	578.176	SH
3939	464120.3	3003024	568.511	KH
3940	464120.4	3003111	624.727	SH
3941	464120.4	3003099	618.489	SH
3942	464120.5	3003083	610.562	SH
3943	464120.6	3003041	580.099	SH
3944	464120.6	3003041	580.194	SH
3945	464121.1	3002985	571.321	SH
3946	464121.4	3003001	568.779	SH
3947	464123	3003014	568.896	RC-READING
3948	464123.3	3003139	631.337	SH
3949	464123.4	3002995	573.208	SH
3950	464123.9	3002994	573.663	SH
3951	464124.2	3003052	591.11	SH
3952	464124.3	3003001	570.756	SH
3953	464124.4	3003040	582.444	SH
3954	464124.4	3003052	591.027	SH
3955	464125.8	3003015	571.421	SH
3956	464126	3002995	575.216	SH
3957	464126.8	3003043	584.448	SH
3958	464126.9	3003045	587.443	SH
3959	464127.7	3003014	573.623	SH
3960	464128.1	3003061	599.512	SH
3961	464128.2	3002975	574.693	SH
3962	464131.1	3003004	577.319	SH
3963	464131.9	3002999	578.745	SH

1978	463870.8	3002817	370.114	SH
1979	463870.9	3002570	317.328	KH
1980	463871.1	3002570	317.41	SH
1981	463871.3	3002906	412.219	SH
1982	463871.5	3003135	503.065	RC-READING
1983	463871.5	3003135	503.065	RC-READING
1984	463871.5	3003135	503.065	RC-READING
1985	463871.6	3002268	437.926	F
1986	463871.7	3002213	447.166	SH
1987	463871.8	3003153	516.341	CLIFF
1988	463871.8	3003153	516.341	CLIFF
1989	463871.8	3003153	516.341	CLIFF
1990	463871.9	3002252	441.224	F
1991	463871.9	3002550	326.923	SH
1992	463872	3003188	553.884	RC38
1993	463872.1	3002837	376.58	SH
1994	463872.3	3003148	512.825	CLIFF
1995	463872.3	3003148	512.825	CLIFF
1996	463872.3	3003148	512.825	CLIFF
1997	463872.4	3002785	365.237	SH
1998	463872.5	3002550	326.828	SH
1999	463872.7	3002796	365.237	SH
2000	463872.8	3002771	365.237	SH
2001	463872.9	3002840	377.03	SH
2002	463873	3002639	317.289	ADIT-TAILRACE
2003	463873	3003190	555.471	SH
2004	463873.1	3002331	412.236	SH
2005	463873.2	3002682	338.937	SH
2006	463873.4	3003190	555.459	SH
2007	463873.6	3002673	330.554	SH
2008	463873.7	3002671	327.818	SH
2009	463873.7	3002646	324.05	SH
2010	463873.7	3002719	339.899	KH
2011	463873.8	3003185	550.96	SH
2012	463873.9	3002557	327.856	SH
2013	463873.9	3002732	351.818	SH
2014	463874	3002826	375.21	SH
2015	463874.1	3002646	324.651	SH
2016	463874.3	3002528	332.679	RC-READING
2017	463874.3	3003099	477.182	CLIFF
2018	463874.3	3003099	477.182	CLIFF
2019	463874.3	3003099	477.182	CLIFF
2020	463874.4	3002273	439.242	F
2021	463874.4	3002857	377.32	KH
2022	463874.5	3002879	401.155	SH
2023	463874.7	3003188	554.019	SH
2024	463875.1	3002557	328.378	SH
2025	463875.3	3002526	333.131	SH
2026	463875.4	3002928	425.901	SH
2027	463875.6	3002529	331.942	RC-READING
2028	463875.6	3002325	417.856	F
2029	463875.8	3003196	559.984	SH
2030	463876.2	3003172	539.756	SH
2031	463876.5	3002442	362.013	SH
2032	463876.8	3002582	309.996	KH
2033	463876.9	3003197	561.156	SH

3964	464132.2	3003023	577.872	SH
3965	464132.5	3003002	580.069	SH
3966	464133	3003030	578.647	KH
3967	464133.7	3003030	578.916	KH
3968	464135	3003014	580.029	SH
3969	464135.2	3003008	580.508	RC10
3970	464145.2	3002665	544.179	T-2R
3971	464145.2	3002665	544.144	T-2L
3972	464145.2	3002665	544.142	T-2L
3973	464145.5	3003027	593.241	SH
3974	464146.6	3003018	591.118	SH
3975	464147	3003029	593.328	SH
3976	464149.6	3003017	596.905	SH
3977	464150.9	3003019	600.776	SH
3978	464151.4	3003033	596.219	SH
3979	464152.7	3003016	601.019	O-1
3980	464152.7	3003016	601.021	O-1
3981	464156.2	3003011	600.727	FT
3982	464156.6	3003013	601.14	FT
3983	464157.8	3003018	603.807	FT
3984	464159.7	3003005	600.046	FT
3985	464160.2	3003010	602.579	SH
3986	464160.7	3002988	594.036	RC9
3987	464163.5	3003013	605.12	SH
3988	464166.5	3002959	587.229	SH
3989	464166.9	3002953	585.521	FT
3990	464167.2	3002952	584.944	SH
3991	464167.3	3002958	587.033	FT
3992	464167.4	3002968	589.805	FT
3993	464174.6	3003015	612.632	SH
3995	464175.6	3002983	598.798	RC8
3996	464175.6	3002983	598.809	SH
3997	464177	3002954	588.36	SH
3998	464177.3	3002958	590.211	SH
3999	464178.7	3002997	608.039	SH
4000	464179	3002997	608.015	SH
4001	464179.3	3002996	607.671	SH
4002	464179.6	3002996	607.714	SH
4003	464179.9	3002957	590.348	SH
4004	464180.7	3002954	589.181	SH
4005	464181.4	3002925	591.413	SH
4006	464181.6	3003003	611.907	SH
4007	464182.2	3003000	610.523	FT
4008	464182.5	3002969	595.951	SH
4009	464183.8	3002936	592.49	SH
4010	464185.9	3002961	594.955	SH
4011	464187.9	3002981	603.137	SH
4012	464189.1	3002923	597.005	SH
4013	464189.6	3002935	595.199	SH
4014	464191	3002910	601.445	SH
4015	464191.2	3002978	602.653	RC7
4016	464191.4	3002984	606.538	SH
4017	464191.7	3002903	603.186	SH
4018	464192.2	3002917	600.636	SH
4019	464193	3002936	597.114	SH
4020	464193.1	3002904	603.499	PH-CORDINATE

2034	463877.1	3002303	426.88	SH
2035	463877.2	3002416	372.741	SH
2036	463877.2	3002416	372.444	SH
2037	463877.3	3002416	372.308	SH
2038	463877.4	3002757	365.008	SH
2039	463877.4	3002779	369.213	SH
2040	463877.4	3002793	369.213	SH
2041	463877.7	3003179	547.479	SH
2042	463877.7	3002278	439.213	F
2043	463878.1	3002584	319.129	SH
2044	463878.1	3002683	344.001	SH
2045	463878.2	3003177	545.184	SH
2046	463878.3	3003110	485.694	SH
2047	463878.3	3003110	485.694	SH
2048	463878.3	3003110	485.694	SH
2049	463878.3	3002806	371.243	SH
2050	463878.4	3002683	344.199	SH
2051	463878.5	3002683	344.443	SH
2052	463878.5	3002341	407.513	SH
2053	463878.5	3002869	392.148	SH
2054	463878.6	3003185	551.12	RC37
2055	463878.7	3002271	441.519	O-3
2056	463878.7	3002271	441.519	O-3
2057	463878.7	3002868	391.071	SH
2058	463878.7	3002868	391.071	SH
2059	463878.8	3002925	430.377	SH
2060	463878.9	3002236	449.139	SH
2061	463879.1	3003187	553.026	SH
2062	463879.2	3003190	555.844	SH
2063	463880.6	3002266	443.81	F
2064	463880.7	3003178	544.233	SH
2065	463880.8	3002646	330.741	RC-READING
2066	463881	3002648	331.068	CH
2067	463881.1	3002925	432.854	SH
2068	463881.1	3002668	337.452	SH
2069	463881.2	3002219	452.61	SH
2070	463881.3	3003186	552.265	SH
2071	463881.4	3002589	320.555	SH
2072	463881.5	3002589	320.891	KH
2073	463881.5	3002588	320.751	SH
2074	463881.6	3002822	380.11	SH
2075	463882.3	3003032	468.744	SH
2076	463882.3	3003032	468.744	SH
2077	463882.3	3003032	468.744	SH
2078	463882.4	3002672	344.76	SH
2079	463882.4	3003113	489.82	KH
2080	463882.4	3003113	489.82	KH
2081	463882.4	3003113	489.82	KH
2082	463882.5	3002674	346.962	SH
2083	463882.5	3003113	489.854	CLIFF
2084	463882.5	3003113	489.854	CLIFF
2085	463882.5	3003113	489.854	CLIFF
4078	464227.6	3002899	619.649	FT
4079	464227.7	3002905	618.621	FT
4080	464228.1	3002899	619.885	FT

4021	464193.3	3002917	601.319	SH
4022	464193.6	3002926	598.305	SH
4023	464193.9	3002899	604.549	SH
4024	464195.2	3002899	604.974	SH
4025	464196.6	3002913	603.46	SH
4026	464197.6	3002978	605.873	SH
4027	464198	3002946	600.253	RC4
4028	464198.3	3002879	607.119	FT
4029	464199	3002984	609.914	FT
4030	464199	3002895	606.709	SH
4031	464199.6	3002971	602.55	RC6
4032	464200.1	3002895	606.921	FT
4033	464200.8	3002910	606.307	SH
4034	464200.9	3002924	602.721	RC3
4035	464202	3002993	614.871	SH
4036	464202.6	3002875	609.963	SH
4037	464203.4	3002958	601.607	RC5
4038	464204.3	3002883	610.5	FT
4039	464204.7	3002915	606.791	SH
4040	464205	3002902	610.618	T-4
4041	464205	3002902	610.618	T-4
4042	464205.7	3002938	602.875	SH
4043	464206.4	3002914	607.53	RC2
4044	464206.8	3002880	612.781	R
4045	464207	3002987	616.027	SH
4046	464207.6	3002885	612.537	R
4047	464207.6	3002895	611.755	R
4048	464207.6	3002974	609.678	FT
4049	464207.7	3002930	604.018	FT
4050	464208.1	3002981	612.712	SH
4051	464208.9	3002870	613.994	R
4052	464209.3	3002972	609.396	FT
4053	464209.4	3002899	611.02	RC1
4054	464210.9	3002903	611.02	R
4055	464212.3	3002983	616.51	SH
4056	464212.5	3002902	613.46	FT
4057	464213.1	3002912	611.324	FT
4058	464213.8	3002900	614.256	FT
4059	464213.9	3002894	611.804	R
4060	464214.3	3002965	606.918	FT
4061	464214.5	3002879	613.145	R
4062	464214.9	3002892	614.386	FT
4063	464215.1	3002887	614.517	FT
4064	464215.8	3002975	613.673	SH
4065	464216	3002960	605.367	FT
4066	464216.1	3002980	615.712	SH
4067	464216.2	3002871	613.879	R
4068	464216.5	3002876	616.555	FT
4069	464216.5	3002879	615.897	FT
4070	464216.8	3002860	615.456	R
4071	464217.4	3002879	616.677	FT
4072	464217.6	3002909	614.307	FT
4073	464219.7	3002896	616.379	FT
4074	464221.6	3002972	613.406	SH
4075	464221.8	3002857	616.078	R
4076	464222	3002859	580	RC1
4077	464222.1	3002976	616.266	SH