

1 a possibility that we would have sufficient
2 segregation at the upstream end, and that's
3 probably the limitation is the upstream end. In
4 other words, close to the east and southeast dams
5 where the deposition is actually occurring or the
6 discharge from the pipelines is occurring. So that
7 would be the key issue there.

8 Q DIONNE FILIATRAULT: Is Tahera in the, I
9 guess, placement of the cover and looking at the
10 cover from a durability standpoint and long-term
11 durability standpoint looking at actually placing a
12 portion of the tailings, the fine tailings
13 containment area, putting a trial cover to see how
14 it holds up and evaluate how it reacts to surface
15 runoff and other environmental effects?

16 A CAM SCOTT: Cam Scott, SRK
17 Consulting. Within the framework of the operation
18 of the facility is not expected to have that luxury
19 since most of the way that the fine PK will be
20 deposited, it will be deposited over the entire
21 footprint, essentially, of the facility, so it
22 would be a stretch, although one might conceivably
23 try something at the edges during the course of
24 operations. It is something that could be explored
25 later on but not part of the current plan.

26 Q DIONNE FILIATRAULT: The relation to along

1 the same lines, in the documentation, Tahera refers
2 to revegetation test plots. I'm wondering if
3 Tahera has an indication at this point of sort of
4 the terms of reference of how those test plots are
5 going to be put together or where it is going to
6 be, what the frequency of monitoring is going to
7 be, and when that information potentially would be
8 supplied or attached to the abandonment and
9 restoration plan?

10 A BRUCE OTT: Bruce Ott, AMEC. I
11 can add that the first answer is that we have been
12 following very closely what Ekati is doing. We
13 would expect that that sort of detail would be
14 provided in the initial abandonment and reclamation
15 plan that would be required as a condition of the
16 water license. We note that the latest water
17 license in the NWT for a diamond mine, I'm talking
18 about Snap Lake, they were required to provide an
19 initial abandonment and reclamation plan for
20 operations nine months after issue of the license.

21 If there are some specific questions with
22 respect to some of this stuff, we could certainly
23 address them as a sidebar. Other than generally
24 following the success and avoiding the failures of
25 what Ekati has experienced since 1997, 1998, I
26 can't give you a specific answer to that, Dionne.

1 Q DIONNE FILIATRAULT: Thank you,
2 Mr. Chairman. My final question, and then I think
3 the other advisors may have a couple of questions.

4 When we were at the technical meeting, there
5 was an issue raised with respect to the acute and
6 chronic toxicity protocols, and the letter that was
7 -- or memo that was issued by Dennis Trotter, and
8 it related to discharging after you reassess the
9 volume in the mixing zone, if it was toxic after a
10 48-hour acute toxicity test was done.

11 This memo indicated that they would
12 discharge, and, you know, I think it is standard
13 operating practice that you are not going to
14 discharge if something is acutely toxic, and we can
15 all agree. But Tahera was supposed to come back to
16 the table with a confirmation that that was an
17 error in that memo, and I'm wondering if they have
18 done that at this point?

19 CHAIRMAN: Okay. If I could ask,
20 Tahera, I believe you found the number that Dionne
21 requested about the rate of flow, I believe.

22 A MR. McCREATH: Yes, Mr. Chairman,
23 thank you. Peter McCreath, Clearwater Consultants.
24 Dionne, in regards to your question with related to
25 dewatering of Long Lake and flows in Stream C3, the
26 dewatering flows over a period of about three

1 months would average about 20 litres per second.

2 On an average basis, typically the monthly
3 flow during freshet in C3 at Long Lake is about 24
4 litres a second, increasing to something in the
5 order of 40 or 45 litres per second at the mouth of
6 C3, at Lake C3. So the dewatering flows on a
7 sustained basis would be -- we are expecting to be
8 less than the average monthly freshet flows that
9 are experienced naturally.

10 Q DIONNE FILIATRAULT: Thank you, Mr.
11 Chairman. Based on the response, I just have one
12 additional question. If you are going to be
13 dewatering over a three-month period, your average
14 freshet discharge rate is 24 litres per second,
15 what would it be three months later if you are
16 still dewatering? And I think the overall concept
17 that was in the documentation was -- for discharge
18 was that you would try and match the stream flow of
19 C3, you would match the discharge flow to the flow
20 of Stream C3.

21 A PETE McCREATH: Pete McCreath,
22 Clearwater Consultants --

23 CHAIRMAN: Is that a fire alarm?

24 (BRIEF ADJOURNMENT)

25 (TRANSCRIPT CONTINUED ON VOLUME 3)

26

\$	6	Actual [13] 101:25 <08:59> 125:6 <09:40> 131:9 <10:06> 133:1 <10:09> 142:4 <10:24> 148:20 <10:34> 150:6 <10:37> 153:13 <10:42> 153:22 <10:43> 154:7 <10:43> 162:4 <11:00> 164:8 <11:03> 166:3 <11:07>	<10:17> Ago [1] 151:21 <10:39> Agree [1] 183:15 <11:50> Agreement [4] 111:10 <09:15> 122:6 <09:34> 122:10 <09:35> 122:11 <09:35> Ahead [2] 117:13 <09:26> 162:23 <11:01> Air [4] 103:16 <09:02> 103: 20 <09:02> 103:23 <09:03> 135:1 <10:12> Airborne [2] 157:21 <10:50> 158:4 <10:50> Akoluk [3] 138:23 <10:19> 138:24 <10:19> 139:9 <10:19> Alarm [1] 184:23 <11:52> Algae [1] 108:16 <09:11> Algal [1] 144:23 <10:28> All-weather [1] 114:10 <09:21> Allow [4] 107:20 <09:09> 129:1 <10:02> 142:23 <10:25> 167:22 <11:09> Allowed [1] 129:9 <10:03> Allows [3] 105:10 <09:05> 120:8 <09:31> 122:19 <09:35> Alluded [1] 150:26 <10:38> Almost [3] 111:11 <09:15> 155:13 <10:46> 158:14 <10:51> Alternative [1] 134:19 <10:12> AMEC [9] 98:8 <08:53> 139:1 <10:19> 150:24 <10:38> 151:20 <10:39> 157:13 <10:49> 158:10 <10:51> 162:17 <11:01> 179:6 <11:42> 182:10 <11:48> Amendments [1] 168:24 <11:11> Ammonia [5] 157:22 <10:50> 169:4 <11:11> 169:10 <11:12> 169:12 <11:12> 169:14 <11:12> Amount [7] 101:11 <08:58> 102:8 <09:00> 118:26 <09:29> 119:20 <09:30> 123:2 <09:36> 123:9 <09:36> 123:11 <09:36> Analogy [1] 161:10 <10:57> Analysis [1] 141:5 <10:22> Analyzed [2] 152:9 <10:40> 179:17 <11:43> Angle [1] 115:22 <09:23> Animals [3] 108:19 <09:11> 110:14 <09:14> 110:19 <09:14> Anions [2] 100:21 <08:57> 107:8 <09:08> Anne [10] 143:18 <10:26> 143:19 <10:26> 144:1 <10:26> 144:5 <10:27> 144:5 <10:27> 145:2 145:2 145:16 <10:29> 146:7 <10:30> 147:9 <10:31> Annual [17] 100:6 <08:56> 106:21 <09:08> 109:3 <09:11> 109:5 <09:12> 109:7 <09:12> 110:24 <09:14> 111:3 <09:15> 111:4 <09:15> 111:5 <09:15> 111:7 <09:15> 111:11 <09:15> 112:13 <09:17> 112:18 <09:17> 164:23 <11:04> 164:24 <11:05> 166:1 <11:07> 170:16 <11:14>	Annually [1] 122:20 <09:35> Answer [11] 102:5 <08:59> 132:2 <10:07> 135:3 <10:12> 137:16 <10:17> 142:8 <10:24> 150:24 <10:38> 175:10 <11:36> 176:10 <11:38> 176:18 <11:38> 182:11 <11:48> 182:26 <11:49> Anticipated [1] 137:26 <10:17> Apologize [2] 144:1 <10:26> 145:17 <10:29> Appendices [1] 162:6 <11:00> Appendix [4] 124:19 <09:39> 172:12 <11:17> 173:8 <11:19> 174:10 <11:34> Applicant [8] 128:12 <10:01> 128:12 <10:01> 143:16 <10:26> 147:13 <10:32> 149:19 <10:35> 149:20 <10:36> 149:24 <10:36> 149:26 <10:36> Application [7] 96:2 103: 22 <09:02> 110:5 <09:13> 150:11 150:19 <10:37> 162: 4 <11:00> 167:12 <11:08> Applied [3] 131:25 <10:07> 132:18 <10:08> 151:7 <10:38> Applies [1] 180:12 <11:45> Apply [1] 135:24 <10:13> Appreciation [1] 104:4 <09:03> Approach [3] 157:18 <10:49> 165:15 <11:06> 165:19 <11:06> Appropriate [3] 132:16 <10:08> 149:9 <10:35> 171:13 <11:15> Approval [10] 121:16 <09:33> 124:11 <09:38> 124:14 <09:39> 124:17 <09:39> 125:2 <09:39> 162:13 <11:00> 163:26 <11:03> 175:22 <11:37> 176:1 <11:37> 176:16 <11:38> Approvals [1] 176:6 <11:37> Approximate [2] 105:25 <09:06> 146:24 <10:31> April [1] 106:16 <09:07> Aquatic [22] 103:18 <09:02> 108:6 <09:10> 108:14 <09:10> 108:15 <09:11> 111:4 <09:15> 111:7 <09:15> 113:4 <09:18> 128:24 <10:02> 128:25 <10:02> 129:3 <10:02> 129:11 <10:03> 131:15 <10:06> 131:17 <10:06> 131:19 <10:07> 131:20 <10:07> 131:24 <10:07> 132:3 <10:07> 132:4 <10:07> 132:10 <10:08> 150:26 <10:38> 151:22 <10:39> 152:1 <10:40> Aquatics [1] 124:13 <09:39> Area [18] 103:11 <09:02> 106:18 <09:07> 107:26 <09:09> 108:21 <09:11> 113:23 <09:20> 115:11 <09:23> 117:21 <09:27> 117:22 <09:27> 145:19 <10:29> 157:19 <10:49> 158:2 <10:50> 158:3 <10:50> 158:16 <10:51> 175:7 <11:36> 175:21 <11:37> 176:8 <11:37> 178:14 <11:41> 181:13			
\$1.7 [1] 123:8 <09:36> \$918,000 [2] 123:16 <09:37> 123:21 <09:37>	60 [2] 122:3 <09:34> 125: 23 <09:41>	131:9 <10:06> 133:1 <10:09> 142:4 <10:24> 148:20 <10:34> 150:6 <10:37> 153:13 <10:42> 153:22 <10:43> 154:7 <10:43> 162:4 <11:00> 164:8 <11:03> 166:3 <11:07> Acute [3] 145:11 <10:28> 183:5 <11:49> 183:10 <11:49> Acutely [1] 183:14 <11:49> Adaptive [2] 165:16 <11:06> 166:21 <11:08> Add [4] 138:6 <10:18> 163: 16 <11:02> 177:22 <11:40> 182:11 <11:48> Addition [5] 109:24 <09:13> 136:11 <10:14> 138:17 <10:18> 138:20 <10:18> 148:2 <10:33> Additional [5] 140:7 <10:21> 148:8 <10:33> 150:13 <10:37> 174:12 <11:34> 184:12 Address [3] 148:10 <10:33> 170:3 <11:13> 182:23 <11:48> Addressed [8] 136:21 <10:15> 141:7 <10:23> 143:16 <10:26> 147:12 <10:31> 149:18 <10:35> 149:20 <10:36> 149:24 <10:36> 149:26 <10:36> Addresses [1] 158:1 <10:50> Adequate [1] 105:21 <09:06> Adequately [1] 157:25 <10:50> ADJOURNMENT [3] 127: 25 <09:44> 174:4 <11:20> 184:24 <11:53> Adjusted [1] 165:25 <11:07> Adjustment [1] 148:9 <10:33> Adjustments [1] 166:7 <11:07> Administration [2] 135:17 <10:13> 136:2 <10:14> Administrative [3] 158:26 <10:52> 159:1 <10:52> 163:11 <11:02> Adopted [1] 131:23 <10:07> Advance [2] 145:17 <10:29> 151:26 <10:40> Advances [1] 173:19 <11:19> Advantage [2] 163:21 <11:02> 163:25 <11:03> Advantages [1] 163:19 <11:02> Advice [1] 149:12 <10:35> Advisors [1] 183:3 <11:49> AEMP [1] 113:6 <09:18> Affairs [2] 128:16 <10:01> 130:19 <10:05> Affected [3] 103:13 <09:02> 105:24 <09:06> 106:20 <09:07> Afterwards [1] 102:4 <08:59> Agenda [1] 127:23 <09:44> Aggrades [1] 173:24 <11:20> Aggregate [1] 138:1	1	1			
'95 [1] 154:14 <10:44> '99 [2] 108:23 <09:11> 108: 24 <09:11>	7 [2] 96:3 98:1 <08:46> 7.6 [1] 123:2 <09:36> 70 [1] 125:23 <09:41>	154:14 <10:44> 108:23 <09:11> 108: 24 <09:11> 1 [5] 162:10 <11:00> 162: 26 <11:01> 172:16 <11:17> 173:9 <11:19> 173:10 <11:19> 1.7 [2] 123:1 <09:36> 123: 21 <09:37> 10 [1] 124:22 <09:39> 10-year [1] 145:21 <10:29> 100 [1] 161:5 <10:57> 128:14 [1] 97:2 138:22 [1] 97:6 139:12 [1] 97:8 143:17 [1] 97:10 147:14 [1] 97:12 15 [1] 106:8 <09:07> 17 [1] 108:20 <09:11> 17th [1] 159:24 <10:54> 18 [1] 123:10 <09:36> 1997 [1] 182:25 <11:48> 1998 [1] 182:25 <11:48>	9 [1] 123:3 <10:00> 9.3 [4] 118:21 <09:28> 119: 6 <09:28> 123:3 <09:36> 136:24 <10:15> 918,000 [1] 136:16 <10:14> 99.8 [1] 130:21 <10:05>	1	9		
1	8	Abandoned [2] 160:11 <10:55> 160:13 <10:55> Abandonment [5] 111:12 <09:15> 180:13 <11:45> 182:8 <11:47> 182:14 <11:48> 182:19 <11:48> Ability [3] 148:1 <10:33> 180:15 <11:45> 180:21 <11:45> Able [9] 121:11 <09:33> 122:11 <09:35> 125:21 <09:41> 142:26 <10:25> 148:13 <10:33> 157:17 <10:49> 159:11 <10:53> 159:17 <10:54> 180:19 <11:45> Absolutely [1] 160:23 <10:56> AC [1] 104:22 <09:04> Acceptable [4] 111:26 <09:16> 122:2 <09:34> 162:10 <11:00> 162:15 <11:00> Accommodate [1] 142:26 <10:25> Accordingly [1] 143:8 <10:25> Accounted [1] 150:10 <10:37> Accounting [1] 101:13 <08:58> Accumulate [1] 109:8 <09:12> Accumulation [1] 169:12 <11:12> Accumulations [1] 102:21 <09:01> Achievable [2] 129:4 <10:02> 129:4 <10:02> Achieve [1] 120:11 <09:31> Acid [2] 101:13 <08:58> 101:14 <08:59> Acknowledge [2] 131:21 <10:07> 141:15 <10:23> Acres [5] 97:8 139:12 139: 14 <10:20> 142:13 <10:24> 143:12 <10:25> Act [6] 111:2 <09:15> 121: 26 <09:34> 175:17 <11:37> 175:20 <11:37> 175:25 <11:37> 175:25 <11:37> Active [1] 179:3 <11:42> Activities [3] 99:11 <08:55> 99:12 <08:55> 136:23 <10:15> Activity [2] 116:5 <09:24> 116:6 <09:24>	8:40 [1] 98:1 <08:46>	10 [1] 124:22 <09:39> 10-year [1] 145:21 <10:29> 100 [1] 161:5 <10:57> 128:14 [1] 97:2 138:22 [1] 97:6 139:12 [1] 97:8 143:17 [1] 97:10 147:14 [1] 97:12 15 [1] 106:8 <09:07> 17 [1] 108:20 <09:11> 17th [1] 159:24 <10:54> 18 [1] 123:10 <09:36> 1997 [1] 182:25 <11:48> 1998 [1] 182:25 <11:48>	9 [1] 123:3 <10:00> 9.3 [4] 118:21 <09:28> 119: 6 <09:28> 123:3 <09:36> 136:24 <10:15> 918,000 [1] 136:16 <10:14> 99.8 [1] 130:21 <10:05>	A	2
2	A	Abandoned [2] 160:11 <10:55> 160:13 <10:55> Abandonment [5] 111:12 <09:15> 180:13 <11:45> 182:8 <11:47> 182:14 <11:48> 182:19 <11:48> Ability [3] 148:1 <10:33> 180:15 <11:45> 180:21 <11:45> Able [9] 121:11 <09:33> 122:11 <09:35> 125:21 <09:41> 142:26 <10:25> 148:13 <10:33> 157:17 <10:49> 159:11 <10:53> 159:17 <10:54> 180:19 <11:45> Absolutely [1] 160:23 <10:56> AC [1] 104:22 <09:04> Acceptable [4] 111:26 <09:16> 122:2 <09:34> 162:10 <11:00> 162:15 <11:00> Accommodate [1] 142:26 <10:25> Accordingly [1] 143:8 <10:25> Accounted [1] 150:10 <10:37> Accounting [1] 101:13 <08:58> Accumulate [1] 109:8 <09:12> Accumulation [1] 169:12 <11:12> Accumulations [1] 102:21 <09:01> Achievable [2] 129:4 <10:02> 129:4 <10:02> Achieve [1] 120:11 <09:31> Acid [2] 101:13 <08:58> 101:14 <08:59> Acknowledge [2] 131:21 <10:07> 141:15 <10:23> Acres [5] 97:8 139:12 139: 14 <10:20> 142:13 <10:24> 143:12 <10:25> Act [6] 111:2 <09:15> 121: 26 <09:34> 175:17 <11:37> 175:20 <11:37> 175:25 <11:37> 175:25 <11:37> Active [1] 179:3 <11:42> Activities [3] 99:11 <08:55> 99:12 <08:55> 136:23 <10:15> Activity [2] 116:5 <09:24> 116:6 <09:24>	2 [3] 96:3 148:10 <10:33> 172:15 <11:17> 20 [4] 112:4 <09:17> 122:5 <09:34> 122:7 <09:34> 184:1 <11:51> 2004 [6] 96:3 98:1 <08:46> 108:23 <09:11> 108:24 <09:11> 118:22 <09:28> 174:15 <11:34> 2005 [7] 125:11 <09:40> 125:18 <09:41> 125:21 <09:41> 152:9 <10:40> 153:3 <10:42> 174:16 <11:34> 174:26 <11:35> 2006 [1] 126:14 <09:42> 24 [2] 184:3 <11:51> 184: 14 <11:52>	2 [3] 96:3 148:10 <10:33> 172:15 <11:17> 20 [4] 112:4 <09:17> 122:5 <09:34> 122:7 <09:34> 184:1 <11:51> 2004 [6] 96:3 98:1 <08:46> 108:23 <09:11> 108:24 <09:11> 118:22 <09:28> 174:15 <11:34> 2005 [7] 125:11 <09:40> 125:18 <09:41> 125:21 <09:41> 152:9 <10:40> 153:3 <10:42> 174:16 <11:34> 174:26 <11:35> 2006 [1] 126:14 <09:42> 24 [2] 184:3 <11:51> 184: 14 <11:52>	2 [3] 96:3 148:10 <10:33> 172:15 <11:17> 20 [4] 112:4 <09:17> 122:5 <09:34> 122:7 <09:34> 184:1 <11:51> 2004 [6] 96:3 98:1 <08:46> 108:23 <09:11> 108:24 <09:11> 118:22 <09:28> 174:15 <11:34> 2005 [7] 125:11 <09:40> 125:18 <09:41> 125:21 <09:41> 152:9 <10:40> 153:3 <10:42> 174:16 <11:34> 174:26 <11:35> 2006 [1] 126:14 <09:42> 24 [2] 184:3 <11:51> 184: 14 <11:52>	3	3
3		3 [2] 172:21 <11:18> 184: 25 30 [1] 115:5 <09:22> 30,000 [1] 125:14 <09:40>	3 [2] 172:21 <11:18> 184: 25 30 [1] 115:5 <09:22> 30,000 [1] 125:14 <09:40>	3	3		
4		40 [1] 184:5 <11:51> 45 [2] 119:17 <09:30> 184: 5 <11:51> 48-hour [1] 183:10 <11:49> 485,000 [1] 166:1 <11:07>	40 [1] 184:5 <11:51> 45 [2] 119:17 <09:30> 184: 5 <11:51> 48-hour [1] 183:10 <11:49> 485,000 [1] 166:1 <11:07>	40 [1] 184:5 <11:51> 45 [2] 119:17 <09:30> 184: 5 <11:51> 48-hour [1] 183:10 <11:49> 485,000 [1] 166:1 <11:07>	40 [1] 184:5 <11:51> 45 [2] 119:17 <09:30> 184: 5 <11:51> 48-hour [1] 183:10 <11:49> 485,000 [1] 166:1 <11:07>	4	4
5		5 [1] 145:21 <10:29> 500,000 [1] 122:19 <09:35> 51 [2] 114:1 <09:20> 114:3 <09:20> 517 [2] 143:7 <10:25> 153: 1 <10:42> 520 [1] 142:18 <10:24> 57(A [1] 121:26 <09:34> 58 [1] 122:3 <09:34>	5 [1] 145:21 <10:29> 500,000 [1] 122:19 <09:35> 51 [2] 114:1 <09:20> 114:3 <09:20> 517 [2] 143:7 <10:25> 153: 1 <10:42> 520 [1] 142:18 <10:24> 57(A [1] 121:26 <09:34> 58 [1] 122:3 <09:34>	5 [1] 145:21 <10:29> 500,000 [1] 122:19 <09:35> 51 [2] 114:1 <09:20> 114:3 <09:20> 517 [2] 143:7 <10:25> 153: 1 <10:42> 520 [1] 142:18 <10:24> 57(A [1] 121:26 <09:34> 58 [1] 122:3 <09:34>	5 [1] 145:21 <10:29> 500,000 [1] 122:19 <09:35> 51 [2] 114:1 <09:20> 114:3 <09:20> 517 [2] 143:7 <10:25> 153: 1 <10:42> 520 [1] 142:18 <10:24> 57(A [1] 121:26 <09:34> 58 [1] 122:3 <09:34>	5	5

<11:46> Areas [13] 103:13 <09:02> 112:16 <09:17> 112:16 <09:17> 112:19 <09:17> 135:19 <10:13> 146:11 <10:30> 146:11 <10:30> 146:15 <10:30> 170:9 <11:14> 170:10 <11:14> 173:17 <11:19> 180:15 <11:45> 180:22 <11:45> Arguably [1] 126:21 <09:42> Arguments [1] 123:9 <09:36> Arise [1] 139:7 <10:19> Arrived [2] 126:2 <09:41> 135:11 <10:13> Arsenic [1] 124:7 <09:38> Ash [1] 157:6 <10:48> Aspects [2] 148:6 <10:33> 159:18 <10:54> Assessed [1] 111:15 <09:16> Assessment [4] 164:9 <11:03> 164:11 <11:04> 170:1 <11:13> 172:13 <11:17> Assessments [1] 164:21 <11:04> Assisted [1] 114:16 <09:21> Associated [2] 122:21 <09:35> 154:25 <10:45> Association [1] 122:8 <09:34> Assume [2] 134:14 <10:11> 155:3 <10:45> Assumed [5] 117:3 <09:25> 117:17 <09:26> 154:23 <10:45> 155:1 <10:45> 160:14 <10:55> Assuming [6] 101:20 <08:59> 113:4 <09:18> 117:2 <09:25> 164:7 <11:03> 165:1 <11:05> 172:21 <11:18> Assumption [4] 116:23 <09:25> 133:20 <10:10> 134:7 <10:11> 160:11 <10:55> Assumptions [8] 101:24 <08:59> 116:22 <09:25> 117:16 <09:26> 158:22 <10:52> 158:23 <10:52> 159:25 <10:54> 164:10 <11:03> 164:17 <11:04> Assurance [1] 107:1 <09:08> Assured [1] 111:25 <09:16> Attached [2] 108:16 <09:11> 182:8 <11:47> Attempted [1] 180:16 <11:45> Attention [1] 127:9 <09:43> August [1] 150:19 <10:37> Available [7] 108:26 <09:11> 131:18 <10:06> 142:1 <10:24> 151:23 <10:39> 152:12 <10:40> 152:19 <10:41> 174:23 <11:35> Average [7] 146:23 <10:31> 180:5 <11:44> 180:6 <11:44> 184:1 <11:51> 184:2 <11:51> 184:8 <11:51> 184:13 <11:52> Avoiding [1] 182:24 <11:48> Aware [5] 151:13 <10:39> 158:15 <10:51> 160:3 <10:55> 163:13 <11:02>	179:16 <11:43> B Background [2] 115:18 <09:23> 178:8 <11:41> Backing [1] 128:26 <10:02> Balance [4] 164:4 <11:03> 164:16 <11:04> 165:2 <11:05> 167:11 <11:08> Balanced [1] 167:5 <11:08> Banks [1] 178:4 <11:41> Barometer [1] 108:11 <09:10> Base [4] 101:13 <08:58> 109:26 <09:13> 171:2 <11:15> 173:24 <11:20> Based [8] 116:15 <09:24> 118:22 <09:28> 118:24 <09:28> 133:12 <10:09> 150:6 <10:37> 162:2 <10:59> 173:1 <11:18> 184:11 <11:52> Baseline [3] 107:11 <09:09> 150:10 <10:37> 150:13 <10:37> Basic [2] 120:5 <09:31> 178:17 <11:41> Basin [1] 107:23 <09:09> Basis [16] 101:7 <08:58> 106:21 <09:08> 109:3 <09:11> 109:5 <09:12> 109:8 <09:12> 120:26 <09:32> 130:4 <10:04> 131:14 <10:06> 131:16 <10:06> 135:18 <10:13> 164:23 <11:04> 164:25 <11:05> 179:14 <11:43> 179:15 184:2 <11:51> 184:7 <11:51> Bathurst [4] 97:4 127:14 <09:44> 138:22 138:24 <10:19> Bay [1] 127:14 <09:44> Beach [1] 143:4 <10:25> Bear [1] 98:20 <08:54> Beaulieu [2] 96:22 128:2 <10:00> Beautiful [2] 126:18 <09:42> 126:25 <09:43> Became [2] 131:18 <10:06> 140:15 <10:21> Become [5] 137:1 <10:16> 137:17 <10:17> 140:17 <10:22> 142:1 <10:24> 171:15 <11:16> Becomes [3] 162:14 <11:00> 176:12 <11:38> 177:12 <11:40> Beforehand [1] 171:21 <11:16> Begin [1] 125:25 <09:41> Beginning [2] 126:4 <09:41> 160:10 <10:55> Begins [1] 157:20 <10:49> Ben [1] 96:20 Benachee [3] 96:2 161:11 <10:57> 161:19 <10:58> Benachee's [1] 160:1 <10:55> Bench [3] 117:20 <09:27> 118:6 <09:27> 118:8 <09:27> Benefit [1] 122:9 <09:34> Benthic [1] 108:17 <09:11> Best [2] 119:23 <09:30> 165:20 <11:06> Better [5] 108:11 <09:10> 141:20 <10:23> 142:3 <10:24> 166:15 <11:07> 166:19 <11:08>	Between [7] 118:24 <09:28> 130:4 <10:04> 145:20 <10:29> 155:13 <10:46> 155:19 <10:46> 156:1 179:12 <11:43> Beyond [1] 134:3 <10:11> BHP's [1] 115:4 <09:22> Bill [8] 96:16 161:24 <10:58> 161:25 <10:58> 165:4 <11:05> 165:5 <11:05> 166:8 <11:07> 166:9 <11:07> 167:15 <11:09> Biological [1] 108:15 <09:11> Biota [1] 113:4 <09:18> Bit [16] 99:5 <08:55> 99:12 <08:55> 101:12 <08:58> 102:1 <08:59> 105:4 <09:05> 113:22 <09:20> 117:5 <09:26> 117:9 <09:26> 129:21 <10:04> 133:24 <10:10> 146:2 <10:29> 147:18 <10:32> 155:11 <10:45> 157:17 <10:49> 162:24 <11:01> 179:9 <11:43> Biweekly [1] 101:5 <08:58> Blasting [4] 101:15 <08:59> 116:8 <09:24> 157:21 <10:50> 169:5 <11:11> Blockage [1] 102:21 <09:01> Blooms [1] 144:23 <10:28> Board [38] 96:1 96:15 97:14 98:12 <08:53> 113:18 <09:19> 119:26 <09:30> 120:3 <09:31> 120:13 <09:31> 121:16 <09:33> 122:13 <09:35> 123:14 <09:37> 124:15 <09:39> 124:20 <09:39> 128:21 <10:02> 136:17 <10:15> 142:25 <10:25> 144:18 <10:27> 149:25 <10:36> 150:1 151:18 <10:39> 152:12 <10:40> 159:2 <10:52> 159:11 <10:53> 164:22 <11:04> 165:6 <11:05> 165:11 <11:06> 166:15 <11:07> 166:18 <11:08> 166:18 <11:08> 167:6 <11:08> 167:21 <11:09> 167:26 <11:09> 168:4 <11:09> 168:23 <11:11> 168:26 <11:11> 175:25 <11:37> 176:1 <11:37> 177:1 <11:39> Boards [1] 166:26 <11:08> Bodies [1] 158:16 <10:51> Body [1] 141:13 <10:23> Bonding [3] 113:15 <09:19> 161:6 <10:57> 161:22 <10:58> Borrow [1] 112:16 <09:17> Bottom [3] 106:22 <09:08> 108:18 <09:11> 116:6 <09:24> Boulders [1] 178:12 <11:41> Bound [1] 169:19 <11:12> Break [3] 127:24 <09:44> 174:2 <11:20> 174:3 <11:20> Breakdown [2] 119:3 <09:29> 135:9 <10:13> Brief [6] 100:2 <08:56> 127:25 <09:44> 135:16 <10:13> 139:3 <10:19> 174:4 <11:20> 184:24 <11:53> Briefly [8] 100:8 <08:56>	100:25 <08:58> 104:18 <09:04> 110:2 <09:13> 112:12 <09:17> 113:22 <09:20> 124:21 <09:39> 124:23 <09:39> Bring [1] 159:17 <10:54> Brings [2] 158:26 <10:52> 170:19 <11:14> Brodie [17] 133:7 <10:09> 133:7 <10:09> 134:4 <10:11> 134:5 <10:11> 134:13 <10:11> 134:13 <10:11> 135:6 <10:12> 135:7 <10:12> 136:4 <10:14> 136:19 <10:15> 136:19 <10:15> 137:10 <10:16> 137:10 <10:16> 137:21 <10:17> 137:21 <10:17> 138:12 <10:18> 138:12 <10:18> Brought [2] 117:26 <09:27> 170:19 <11:14> Bruce [21] 98:8 <08:53> 98:11 <08:53> 139:1 <10:19> 139:1 <10:19> 150:23 <10:38> 150:24 <10:38> 151:20 <10:39> 151:20 <10:39> 156:19 <10:47> 156:20 <10:48> 157:3 <10:48> 157:13 <10:49> 157:13 <10:49> 158:10 <10:51> 158:10 <10:51> 162:17 <11:01> 162:17 <11:01> 179:6 <11:42> 179:6 <11:42> 182:10 <11:48> 182:10 <11:48> Brushed [1] 139:3 <10:19> Bugs [1] 108:17 <09:11> Build [4] 114:7 <09:20> 114:20 <09:21> 126:12 <09:42> 145:12 <10:29> Building [4] 114:7 <09:20> 125:6 <09:40> 126:5 <09:41> 134:1 <10:11> Buildings [3] 133:14 <10:10> 133:21 <10:10> 133:22 <10:10> Built [6] 106:2 <09:06> 106:2 <09:06> 114:9 <09:21> 141:5 <10:22> 148:3 <10:33> 166:11 <11:07> Burial [1] 134:1 <10:11> Business [1] 161:2 <10:56> Busy [1] 107:22 <09:09>	<10:13> Calculated [1] 118:22 <09:28> Calculation [2] 135:11 <10:13> 165:3 <11:05> Calculations [2] 137:26 <10:17> 164:5 <11:03> Cam [21] 110:25 <09:15> 141:6 <10:22> 141:6 <10:22> 142:24 <10:25> 142:24 <10:25> 148:12 <10:33> 148:15 <10:34> 148:15 <10:34> 152:21 <10:41> 152:21 <10:41> 153:18 <10:43> 153:18 <10:43> 154:18 <10:44> 154:18 <10:44> 155:16 <10:46> 155:16 <10:46> 177:16 <11:40> 180:23 <11:45> 180:23 <11:45> 181:16 <11:46> 181:16 <11:46> Camp [12] 104:20 <09:04> 115:9 <09:22> 117:6 <09:26> 118:19 <09:28> 133:22 <10:10> 133:23 <10:10> 134:15 <10:11> 134:26 <10:12> 136:22 <10:15> 158:24 <10:52> 159:17 <10:54> 160:7 <10:55> Canada [17] 97:10 104:7 <09:03> 108:5 <09:10> 132:8 <10:08> 132:11 <10:08> 143:15 <10:26> 143:17 <10:26> 143:19 <10:26> 145:3 <10:28> 145:16 <10:29> 151:3 <10:38> 151:6 <10:38> 151:15 <10:39> 151:17 <10:39> 151:22 <10:39> 151:25 <10:39> 152:5 <10:40> Carat [4] 107:26 <09:09> 109:21 <09:12> 169:9 <11:12> 173:10 <11:19> Carbon [1] 107:10 <09:08> Carefully [1] 177:11 <11:40> Caribou [2] 110:10 <09:14> 110:12 <09:14> Carried [3] 157:22 <10:50> 166:7 <11:07> 170:8 <11:14> Carry [1] 161:26 <10:59> Carrying [1] 134:6 <10:11> Case [6] 101:26 <08:59> 144:19 <10:27> 144:21 <10:28> 146:22 <10:31> 153:24 <10:43> 175:24 <11:37> Cases [4] 129:10 <10:03> 129:13 <10:03> 129:21 <10:04> 131:24 <10:07> CCME [3] 111:24 <09:16> 131:21 <10:07> 145:9 <10:28> Cease [1] 113:7 <09:18> Ceased [1] 140:13 <10:21> Cell [3] 117:22 <09:27> 117:26 <09:27> 153:10 Centre [2] 105:1 <09:04> 124:25 <09:39> Certain [1] 112:20 <09:18> Certainly [14] 102:23 <09:01> 111:11 <09:15> 120:20 <09:32> 120:23 <09:32> 123:8 <09:36> 124:26 <09:39> 127:4 <09:43> 127:8 <09:43> 127:17 <09:44> 139:3 <10:19> 163:6 <11:02> 163:12 <11:02> 168:24 <11:11> 182:22 <11:48>
---	---	--	---	---

Certainty [2] 121:8 <09:33> 168:18 <11:10> Certificate [1] 150:16 <10:37> Cetera [8] 104:3 <09:03> 107:8 <09:08> 110:16 <09:14> 117:7 <09:26> 118:20 <09:28> 136:2 <10:14> 164:18 <11:04> 165:22 <11:06> Chair [15] 98:6 <08:53> 98:12 <08:53> 113:12 <09:19> 113:17 <09:19> 119:8 <09:29> 128:22 <10:02> 129:16 <10:03> 132:6 <10:07> 151:12 <10:39> 159:15 <10:54> 163:14 <11:02> 174:20 <11:35> 175:9 <11:36> 175:12 <11:36> 177:21 <11:40> Chairman [58] 96:8 119:9 <09:29> 127:22 <09:44> 127:26 <09:59> 129:15 <10:03> 130:14 <10:05> 130:15 <10:05> 132:2 <10:07> 133:4 <10:09> 133:6 <10:09> 139:10 <10:20> 139:14 <10:20> 140:1 <10:21> 142:9 <10:24> 142:11 <10:24> 143:11 <10:25> 143:14 <10:26> 147:11 <10:31> 149:17 <10:35> 149:22 <10:36> 150:3 <10:36> 152:14 <10:41> 153:12 <10:42> 154:10 <10:44> 155:6 <10:45> 156:10 <10:47> 157:2 <10:48> 158:4 <10:50> 158:19 <10:52> 159:12 <10:53> 160:17 <10:56> 161:9 <10:57> 161:25 <10:58> 161:26 <10:59> 164:4 <11:03> 164:21 <11:04> 165:4 <11:05> 166:8 <11:07> 167:13 <11:08> 168:26 <11:11> 169:21 <11:13> 170:18 <11:14> 172:11 <11:17> 173:5 <11:18> 174:1 <11:20> 174:5 <11:34> 174:8 <11:34> 175:3 <11:35> 176:22 <11:38> 177:24 <11:40> 178:23 <11:42> 180:4 <11:44> 180:11 <11:44> 183:2 <11:49> 183:19 <11:50> 183:22 <11:51> 184:11 <11:52> 184:23 <11:52> CHAIRPERSON [1] 98:2 <08:53> Chance [2] 127:3 <09:43> 173:5 <11:18> Chances [1] 142:20 <10:24> Change [2] 99:12 <08:55> 102:1 <08:59> Changed [2] 143:25 <10:26> 147:24 <10:32> Changes [2] 147:19 <10:32> 165:12 <11:06> Channel [6] 102:20 <09:01> 147:17 <10:32> 147:22 <10:32> 147:26 <10:32> 148:4 <10:33> 170:8 <11:14> Channels [1] 147:1 <10:31> Characteristics [1] 178:17 <11:41> Checked [1] 116:17 <09:25> Chemical [1] 131:20 <10:07> Chemistry [13] 99:19 <08:55> 99:25 <08:56>	100:14 <08:57> 100:24 <08:58> 103:18 <09:02> 106:7 <09:07> 106:23 <09:08> 107:21 <09:09> 108:9 <09:10> 109:18 <09:12> 111:9 <09:15> 112:18 <09:17> 130:10 <10:04> Chimo [1] 127:14 <09:44> Chloride [1] 124:7 <09:38> Chose [2] 122:7 <09:34> 144:18 <10:27> Chronic [3] 108:8 <09:10> 145:11 <10:28> 183:6 <11:49> Chunky [1] 101:17 <08:59> Circumstances [1] 155:3 <10:45> Claim [1] 122:6 <09:34> Clarification [10] 128:19 <10:02> 128:20 <10:02> 129:14 <10:03> 133:11 <10:09> 145:4 <10:28> 159:26 <10:54> 162:6 <11:00> 171:7 <11:15> 175:4 <11:36> 175:14 <11:36> Clarified [1] 172:7 <11:17> Clarify [9] 133:14 <10:10> 133:20 <10:10> 136:12 <10:14> 139:16 <10:20> 150:9 <10:37> 164:20 <11:04> 172:9 <11:17> 175:18 <11:37> 178:23 <11:42> Class [1] 121:21 <09:34> Clean [10] 146:15 <10:30> 146:16 <10:30> 170:10 <11:14> 170:10 <11:14> 170:23 <11:14> 171:4 <11:15> 171:6 <11:15> 171:7 <11:15> 171:8 <11:15> 171:17 <11:16> Clear [3] 136:6 <10:14> 144:6 <10:27> 155:14 <10:46> Clearly [1] 144:1 <10:26> Clearwater [9] 146:7 <10:30> 164:13 <11:04> 165:18 <11:06> 170:5 <11:13> 171:10 <11:15> 173:15 <11:19> 177:7 <11:39> 183:23 <11:51> 184:22 <11:52> Climate [2] 103:16 <09:02> 103:23 <09:03> Close [7] 104:13 <09:04> 106:9 <09:07> 106:9 <09:07> 107:24 <09:09> 108:1 <09:10> 131:6 <10:06> 181:4 <11:46> Close-in [1] 104:13 <09:04> Closely [2] 145:22 <10:29> 182:12 <11:48> Closer [3] 105:4 <09:05> 162:18 <11:01> 163:1 <11:01> Closes [2] 111:14 <09:16> 112:1 <09:16> Closest [1] 106:4 <09:06> Closing [1] 98:25 <08:54> Closure [10] 99:8 <08:55> 99:12 <08:55> 99:15 <08:55> 111:12 <09:15> 113:10 <09:19> 113:21 <09:19> 116:14 <09:24> 116:22 <09:25> 117:9 <09:26> 138:25 <10:19> Co [1] 126:21 <09:42> Coarse [5] 101:10 <08:58> 117:24 <09:27> 118:4	<09:27> 142:1 <10:24> 174:10 <11:34> Collected [3] 101:14 <08:59> 164:14 <11:04> 173:22 <11:20> Collecting [2] 112:10 <09:17> 165:13 <11:06> Collection [3] 100:4 <08:56> 151:2 <10:38> 151:2 <10:38> Collector [1] 173:20 <11:20> Collisions [1] 110:10 <09:14> Column [1] 171:16 Comfortable [2] 116:19 <09:25> 116:20 <09:25> Coming [11] 110:10 <09:14> 127:14 <09:44> 141:23 <10:23> 143:7 <10:25> 153:3 <10:42> 154:21 <10:45> 165:8 <11:05> 166:25 <11:08> 167:7 <11:08> 168:22 <11:10> 175:15 <11:36> Commenced [1] 98:1 <08:46> Commencement [1] 176 25 <11:39> Commences [1] 174:18 <11:35> Comment [5] 128:6 <10:01> 137:22 <10:17> 148:13 <10:33> 163:5 <11:02> 174:17 <11:35> Comments [2] 163:16 <11:02> 171:24 <11:16> Commitment [1] 150:16 <10:37> Commitments [1] 151:6 <10:38> Committed [2] 156:6 <10:47> 174:25 <11:35> Common [4] 135:16 <10:13> 136:2 <10:14> 161:8 <10:57> 161:8 <10:57> Communities [3] 127:17 <09:44> 149:2 <10:34> 149:11 <10:35> Community [2] 96:4 108: 16 <09:11> Company [9] 114:2 <09:20> 116:23 <09:25> 120:8 <09:31> 123:13 <09:36> 125:12 <09:40> 125:14 <09:40> 125:15 <09:40> 125:17 <09:40> 136:8 <10:14> Comparable [1] 115:24 <09:23> Compensated [1] 122:4 <09:34> Compensation [2] 172:1 <11:16> 172:20 <11:18> Complaint [1] 166:5 <11:07> Complete [2] 120:1 <09:30> 170:7 <11:14> Completed [4] 103:1 <09:01> 126:13 <09:42> 140:19 <10:22> 174:22 <11:35> Completely [2] 120:18 <09:32> 175:16 <11:36> Completeness [2] 103:22 <09:02> 116:20 <09:25> Completing [1] 122:9 <09:34> Completion [2] 125:8 <09:40> 152:10 <10:40> Complex [2] 96:4 158:24 <10:52>	Complexes [1] 148:7 <10:33> Compliance [2] 101:3 <08:58> 167:22 <11:09> Compliant [2] 120:9 <09:31> 130:24 <10:05> Component [4] 123:4 <09:36> 123:7 <09:36> 129:4 <10:02> 153:1 <10:42> Components [2] 124:4 <09:38> 152:8 <10:40> Comprehensive [6] 98:15 <08:54> 99:26 <08:56> 100:18 <08:57> 107:5 <09:08> 108:21 <09:11> 146:10 <10:30> Comprising [1] 114:1 <09:20> Conceivably [1] 181:22 <11:47> Concentrated [1] 179:24 <11:43> Concentrations [4] 129:10 <10:03> 129:23 <10:04> 130:3 <10:04> 130:5 <10:04> Concept [1] 184:16 <11:52> Concern [6] 105:20 <09:06> 107:17 <09:09> 107:20 <09:09> 160:18 <10:56> 172:10 <11:17> 176:3 <11:37> Concerning [1] 133:9 <10:09> Concludes [1] 138:4 <10:17> Conclusion [4] 119:12 <09:29> 127:7 <09:43> 135:12 <10:13> 167:20 <11:09> Conclusions [2] 120:23 <09:32> 172:19 <11:18> Condition [2] 140:26 <10:22> 182:15 <11:48> Conditions [20] 120:8 <09:31> 120:11 <09:31> 122:14 <09:35> 141:17 <10:23> 141:21 <10:23> 151:11 <10:39> 165:11 <11:06> 165:21 <11:06> 165:21 <11:06> 165:22 <11:06> 165:22 <11:06> 166:3 <11:07> 166:4 <11:07> 167:22 <11:09> 175:26 <11:37> 176:1 <11:37> 176:4 <11:37> 176:5 <11:37> 178:9 <11:41> 178:18 <11:42> Conductivity [1] 107:7 <09:08> Conduit [1] 147:23 <10:32> Confidence [1] 148:13 <10:33> Confident [1] 121:24 <09:34> Confirm [1] 164:16 <11:04> Confirmation [2] 171:26 <11:16> 183:16 <11:50> Confirmed [1] 172:18 <11:17> Confusion [1] 152:16 <10:41> Conjunction [1] 153:7 <10:42> Consequently [1] 134:16 <10:12> Conservative [1] 168:5 <11:09> Consider [2] 134:18 <10:12> 177:1 <11:39>	Consideration [3] 157:6 <10:48> 157:8 <10:49> 157:11 <10:49> Considered [2] 156:14 <10:47> 156:26 <10:48> Constant [1] 156:21 <10:48> Construct [2] 155:18 <10:46> 162:22 <11:01> Constructed [3] 140:22 <10:22> 152:20 <10:41> 155:22 <10:46> Construction [31] 99:7 <08:55> 99:10 <08:55> 99: 14 <08:55> 116:5 <09:24> 122:15 <09:35> 125:26 <09:41> 126:1 <09:41> 126:4 <09:41> 126:13 <09:42> 137:3 <10:16> 137:6 <10:16> 137:9 <10:16> 137:19 <10:17> 138:8 <10:18> 139:23 <10:20> 139:24 <10:20> 140:21 <10:22> 148:19 <10:34> 148:20 <10:34> 152:17 <10:41> 152:25 <10:41> 153:13 <10:42> 154:15 <10:44> 154:22 <10:45> 160:10 <10:55> 170:22 <11:14> 171:4 <11:15> 176:23 <11:38> 177:17 <11:40> 177:26 <11:41> 179:5 <11:42> Consultants [9] 146:7 <10:30> 164:13 <11:04> 165:18 <11:06> 170:5 <11:13> 171:10 <11:15> 173:15 <11:19> 177:7 <11:39> 183:23 <11:51> 184:22 <11:52> Consultation [1] 104:6 <09:03> Consulted [1] 166:12 <11:07> Consulting [4] 153:19 <10:43> 154:19 <10:44> 155:17 <10:46> 181:17 <11:46> Contain [1] 148:1 <10:33> Containing [1] 140:12 <10:21> Containment [5] 145:19 <10:29> 175:7 <11:36> 175:21 <11:37> 176:8 <11:37> 181:13 <11:46> Contains [1] 178:15 <11:41> Contaminants [1] 108:14 <09:10> Contingency [8] 119:6 <09:29> 145:25 <10:29> 146:19 <10:30> 162:21 <11:01> 163:2 <11:01> 177:26 <11:41> 178:4 <11:41> 178:20 <11:42> Contingent [1] 165:8 <11:05> Continually [1] 168:22 <11:10> CONTINUED [1] 184:25 Continuing [1] 103:16 <09:02> Continuous [3] 101:6 <08:58> 104:22 <09:04> 105:6 <09:05> Contract [1] 114:6 <09:20> Contractor [1] 160:14 <10:55> Contracts [1] 161:3 <10:56> Contributing [1] 154:23 <10:45> Control [13] 107:1 <09:08> 109:18 <09:12>
---	---	---	---	--

109:19 <09:12> 115:17 <09:23> 156:13 <10:47> 156:18 <10:47> 156:23 <10:48> 162:20 <11:01> 162:22 <11:01> 162:22 <11:01> 163:3 <11:01> 163:8 <11:02> 170:2 <11:13> Controlling [1] 115:19 <09:23> Contwoyto [1] 105:3 <09:05> Converting [1] 132:26 <10:09> Convey [1] 173:17 <11:19> Cord [1] 104:24 <09:04> Corp [1] 161:20 <10:58> Corporation [4] 114:1 <09:20> 136:14 <10:14> 139:20 <10:20> 161:12 <10:57> Correct [3] 136:14 <10:14> 153:21 156:18 <10:47> Correction [1] 156:26 <10:48> Correctly [1] 144:2 <10:26> Correlation [3] 179:12 <11:43> 179:14 <11:43> 179:19 <11:43> Correspondence [1] 152:4 <10:40> Cost [9] 114:18 <09:21> 114:21 <09:21> 114:22 <09:22> 118:23 <09:28> 119:2 <09:29> 135:24 <10:13> 136:23 <10:15> 138:1 <10:17> 158:22 <10:52> Costed [3] 102:25 <09:01> 117:17 <09:26> 134:24 <10:12> Costly [2] 134:8 <10:11> 134:23 <10:12> Costs [2] 119:3 <09:29> 135:2 <10:12> Counsel [1] 96:16 Couple [8] 104:14 <09:04> 104:24 <09:04> 123:20 <09:37> 133:8 <10:09> 146:20 <10:31> 147:16 <10:32> 163:16 <11:02> 183:3 <11:49> Course [22] 100:3 <08:56> 100:15 <08:57> 106:26 <09:08> 112:2 <09:16> 112:7 <09:17> 112:23 <09:18> 119:25 <09:30> 120:3 <09:31> 121:15 <09:33> 121:16 <09:33> 121:20 <09:34> 125:7 <09:40> 125:17 <09:40> 126:3 <09:41> 141:18 <10:23> 149:12 <10:35> 153:4 <10:42> 161:1 <10:56> 163:24 <11:03> 166:15 <11:07> 177:8 <11:39> 181:23 <11:47> Court [23] 96:25 113:14 <09:19> 113:17 <09:19> 119:11 <09:29> 122:23 <09:35> 133:18 <10:10> 133:18 <10:10> 134:11 <10:11> 134:25 <10:12> 134:25 <10:12> 135:13 <10:13> 135:13 <10:13> 136:25 <10:16> 136:25 <10:16> 137:14 <10:17> 137:14 <10:17> 150:4 <10:36> 158:21 <10:52> 159:13 <10:53> 159:15 <10:54> 159:15 <10:54> 160:4 <10:55> 160:4	<10:55> Cover [7] 118:5 <09:27> 180:13 <11:45> 180:17 <11:45> 180:20 <11:45> 181:9 <11:46> 181:10 <11:46> 181:13 <11:46> Coverage [1] 108:21 <09:11> Covered [4] 118:6 <09:27> 118:8 <09:27> 145:17 <10:29> 173:18 <11:19> Crane [1] 118:19 <09:28> Create [1] 178:18 <11:42> Creating [1] 178:10 <11:41> Crest [1] 142:16 <10:24> Criteria [10] 123:24 <09:37> 129:22 <10:04> 141:11 144:10 <10:27> 144: 11 <10:27> 145:10 <10:28> 168:21 <11:10> 168:21 <11:10> 169:7 <11:12> 178:6 <11:41> Critical [3] 140:9 <10:21> 140:12 <10:21> 144:25 <10:28> Critters [2] 108:9 <09:10> 110:8 <09:13> Crown [4] 123:2 <09:36> 135:9 <10:13> 135:23 <10:13> 162:12 <11:00> Crucial [2] 167:25 <11:09> 168:18 <11:10> Crushing [1] 114:10 <09:21> Cube [1] 135:1 <10:12> Cubic [2] 122:20 <09:35> 166:2 <11:07> Current [8] 123:15 <09:37> 141:17 <10:23> 143:6 <10:25> 152:24 <10:41> 153:24 <10:43> 155:17 <10:46> 169:26 <11:13> 181:25 <11:47> Cut [1] 127:5 <09:43> Cycling [2] 116:9 <09:24> 169:18 <11:12> D Daily [1] 179:13 <11:43> Dam [12] 100:12 <08:57> 102:20 <09:01> 102:24 <09:01> 105:15 <09:05> 115:17 <09:23> 117:25 <09:27> 140:11 <10:21> 140:12 <10:21> 154:17 <10:44> 155:9 <10:45> 155:14 <10:46> 155:19 <10:46> Dams [4] 112:14 <09:17> 114:7 <09:20> 140:18 <10:22> 181:4 <11:46> Data [10] 119:20 <09:30> 131:10 <10:06> 132:15 <10:08> 132:16 <10:08> 132:26 <10:09> 164:8 <11:03> 164:14 <11:04> 165:5 <11:05> 165:12 <11:06> 167:7 <11:08> Dave [9] 96:21 128:15 <10:01> 128:15 <10:01> 130:18 <10:05> 130:18 <10:05> 131:11 <10:06> 131:11 <10:06> 133:3 <10:09> 133:4 <10:09> Day-to-day [1] 99:23 <08:56> Days [2] 123:20 <09:37> 125:23 <09:41> Deal [6] 121:7 <09:33> 126:20 <09:42> 137:5 <10:16> 143:2 <10:25> 165:6 <11:05> 165:11	<11:06> Dealt [1] 137:8 <10:16> December [3] 96:3 98:1 <08:46> 106:14 <09:07> Decide [1] 120:4 <09:31> Decommission [1] 117:25 <09:27> Decrease [1] 173:25 <11:20> Defer [1] 173:2 <11:18> Defined [2] 147:26 <10:32> 173:16 <11:19> Defining [2] 139:21 <10:20> 142:4 <10:24> Deleterious [1] 171:20 <11:16> Demob [1] 119:4 <09:29> Demobilize [1] 159:18 <10:54> Demolish [3] 134:9 <10:11> 134:19 <10:12> 135:4 <10:12> Demolishing [1] 135:3 <10:12> Demolition [1] 133:16 <10:10> Dennis [1] 183:7 <11:49> Deposit [9] 123:13 <09:36> 136:6 <10:14> 136:9 <10:14> 136:10 <10:14> 136:11 <10:14> 136:17 <10:15> 138:16 <10:18> 158:6 <10:50> 166:17 <11:07> Deposited [3] 158:7 <10:51> 181:20 <11:47> 181:20 <11:47> Deposition [4] 109:22 <09:13> 143:10 <10:25> 153:9 <10:42> 181:5 <11:46> Depth [1] 178:13 <11:41> Derived [1] 129:22 <10:04> Derrick [7] 147:15 <10:32> 147:15 <10:32> 148:16 <10:34> 148:22 <10:34> 149:6 <10:35> 149:15 <10:35> 176:13 <11:38> Described [1] 136:7 <10:14> Design [13] 124:11 <09:38> 125:5 <09:40> 125:6 <09:40> 140:4 <10:21> 141:4 <10:22> 141:11 141:13 <10:23> 142: 4 <10:24> 147:22 <10:32> 148:5 <10:33> 148:14 <10:34> 155:3 <10:45> 176:22 <11:38> Designated [1] 175:6 <11:36> Designed [2] 142:23 <10:25> 148:25 <10:34> Designs [3] 122:16 <09:35> 148:7 <10:33> 167:8 <11:08> Despite [1] 132:10 <10:08> Destructed [1] 100:16 <08:57> Detail [5] 102:3 <08:59> 102:13 <09:00> 159:7 <10:52> 179:7 <11:42> 182:13 <11:48> Detailed [5] 100:19 <08:57> 102:2 <08:59> 148:6 <10:33> 151:1 <10:38> 173:7 <11:19> Details [4] 98:20 <08:54> 142:4 <10:24> 148:18 <10:34> 152:22 <10:41> Detect [1] 98:24 <08:54>	Determine [1] 103:8 <09:01> Determined [4] 118:24 <09:28> 129:8 <10:03> 154:13 <10:44> 165:23 <11:06> Determining [2] 128:26 <10:02> 129:3 <10:02> Develop [1] 179:19 <11:43> Developed [9] 105:9 <09:05> 110:4 <09:13> 115:3 <09:22> 123:17 <09:37> 131:26 <10:07> 148:18 <10:34> 148:25 <10:34> 163:18 <11:02> 168:20 <11:10> Developing [1] 128:23 <10:02> Development [4] 105:7 <09:05> 114:21 <09:21> 128:17 <10:01> 136:9 <10:14> Dewater [1] 121:22 <09:34> Dewatered [2] 176:24 <11:38> 177:2 <11:39> Dewatering [20] 103:6 <09:01> 122:21 <09:35> 153:22 <10:43> 154:3 <10:43> 170:15 <11:14> 176:26 <11:39> 177:14 <11:40> 177:19 <11:40> 177:25 <11:40> 178:3 <11:41> 178:5 <11:41> 178:13 <11:41> 178:20 <11:42> 178:24 <11:42> 179:26 <11:44> 183:25 <11:51> 183:26 <11:51> 184:6 <11:51> 184:13 <11:52> 184:16 <11:52> DFO [22] 97:12 106:4 <09:06> 147:12 <10:31> 147:14 <10:32> 148:8 <10:33> 148:12 <10:33> 148:14 <10:34> 148:25 <10:34> 171:26 <11:16> 172:4 <11:17> 172:12 <11:17> 172:14 <11:17> 172:18 <11:17> 173:2 <11:18> 175:4 <11:36> 175:6 <11:36> 175:18 <11:37> 175:23 <11:37> 176:2 <11:37> 176:6 <11:37> 176:11 <11:38> 177:20 <11:40> DFO's [3] 172:9 <11:17> 173:1 <11:18> 176:5 <11:37> Di [1] 96:17 Diamond [7] 121:23 <09:34> 126:14 <09:42> 126:22 <09:42> 136:14 <10:14> 161:12 <10:57> 161:20 <10:58> 182:17 <11:48> Diamonds [3] 126:20 <09:42> 126:23 <09:43> 127:6 <09:43> DIAND [3] 97:2 128:11 <10:01> 128:14 Diavik [2] 114:14 <09:21> 126:9 <09:41> Difference [2] 107:15 <09:09> 156:1 Different [4] 111:13 <09:16> 115:22 <09:23> 126:9 <09:41> 166:4 <11:07> Dike [26] 140:3 <10:21> 140:4 <10:21> 140:7 <10:21> 140:8 <10:21> 140:10 <10:21> 140:15 <10:21> 140:17 <10:22> 140:22 <10:22> 140:22 <10:22> 141:4 <10:22>	141:12 <10:23> 142:16 <10:24> 142:22 <10:25> 143:5 <10:25> 152:15 <10:41> 152:17 <10:41> 153:15 <10:42> 153:26 <10:43> 154:6 <10:43> 155:10 <10:45> 155:12 <10:45> 155:13 <10:46> 156:2 <10:46> 156:4 <10:46> 167:8 <11:08> 171:2 <11:15> Dikes [2] 112:15 <09:17> 114:7 <09:20> Dilution [3] 144:22 <10:28> 156:11 <10:47> 156:15 <10:47> Dionne [51] 96:18 150:2 <10:36> 150:3 <10:36> 150:24 <10:38> 151:12 <10:39> 152:13 <10:41> 152:22 <10:41> 153:11 <10:42> 154:9 <10:44> 154:19 <10:44> 155:5 <10:45> 155:5 <10:45> 156:9 <10:47> 157:1 <10:48> 158:1 <10:50> 158:18 <10:52> 159:20 <10:54> 160:17 <10:56> 160:23 <10:56> 161:9 <10:57> 161:19 <10:58> 162:1 <10:59> 164:3 <11:03> 164:13 <11:04> 164:20 <11:04> 169:2 <11:11> 169:21 <11:13> 170:5 <11:13> 170:18 <11:14> 171:23 <11:16> 172:11 <11:17> 173:4 <11:18> 174:6 <11:34> 174:7 <11:34> 174:21 <11:35> 175:2 <11:35> 175:13 <11:36> 175:16 <11:36> 176:10 <11:38> 176:21 <11:38> 177:7 <11:39> 178:22 <11:42> 180:3 <11:44> 180:24 <11:45> 181:8 <11:46> 181:26 <11:47> 182:26 <11:49> 183:1 <11:49> 183:20 <11:51> 183:24 <11:51> 184:10 <11:52> Direct [3] 104:16 <09:04> 128:22 <10:02> 157:15 <10:49> Directed [2] 128:12 <10:01> 173:23 <11:20> Direction [1] 156:22 <10:48> Directly [8] 103:13 <09:02> 103:21 <09:02> 105:12 <09:05> 105:17 <09:06> 106:20 <09:07> 163:3 <11:01> 169:8 <11:12> 169:9 <11:12> Director [1] 96:17 Disassembled [1] 118:10 <09:28> Disassembly [2] 119:4 <09:29> 133:12 <10:09> Discharge [47] 100:26 <08:58> 103:5 <09:01> 103:8 <09:01> 103:14 <09:02> 105:8 <09:05> 105:10 <09:05> 105:17 <09:06> 106:10 <09:07> 106:11 <09:07> 107:25 <09:09> 110:1 <09:13> 111:22 <09:16> 111:26 <09:16> 112:26 <09:18> 120:15 <09:31> 123:24 <09:37> 128:18 <10:02> 128:23 <10:02> 129:5 <10:03> 129:12 <10:03> 129:20 <10:04> 129:21 <10:04> 131:15 <10:06> 131:25 <10:07> 132:3 <10:07> 132:4 <10:07> 146:3 <10:29> 157:15 <10:49> 164:18 <11:04>
---	---	--	--	--

167:26 <11:09> 168:3
 <11:09> 169:7 <11:12>
 169:7 <11:12> 169:22
 <11:13> 169:26 <11:13>
 177:5 <11:39> 177:8
 <11:39> 177:13 <11:40>
 178:25 <11:42> 179:4
 <11:42> 180:7 <11:44>
 181:6 <11:46> 183:12
 <11:49> 183:14 <11:49>
 184:14 <11:52> 184:17
 <11:52> 184:19 <11:52>
 Discharged [3] 129:1
 <10:02> 177:2 <11:39>
 179:22 <11:43>
 Discharges [4] 147:3
 <10:31> 170:7 <11:14>
 170:14 <11:14> 170:16
 <11:14>
 Discharging [1] 183:8
 <11:49>
 Discovered [1] 146:12
 <10:30>
 Discuss [2] 157:17
 <10:49> 179:8 <11:42>
 Discussed [2] 103:9
 <09:02> 111:6 <09:15>
 Discussing [1] 161:23
 <10:58>
 Discussion [3] 149:1
 <10:34> 151:14 <10:39>
 161:10 <10:57>
 Discussions [1] 164:2
 <11:03>
 Dismantling [1] 133:15
 <10:10>
 Disposal [2] 133:16
 <10:10> 134:22 <10:12>
 Dispose [3] 121:22
 <09:34> 134:9 <10:11>
 134:20 <10:12>
 Disposed [1] 122:1
 Dissipation [1] 148:10
 <10:33>
 Dissolved [3] 107:8
 <09:08> 107:9 <09:08>
 151:13 <10:39>
 Distribute [2] 135:19
 <10:13> 136:3 <10:14>
 Disturbance [1] 178:3
 <11:41>
 Disturbed [1] 112:17
 <09:17>
 Ditch [2] 173:21 <11:20>
 173:22 <11:20>
 Ditches [1] 100:3 <08:56>
 Diversion [6] 112:15
 <09:17> 112:25 <09:18>
 147:17 <10:32> 147:22
 <10:32> 148:21 <10:34>
 173:11 <11:19>
 Divide [1] 157:19 <10:49>
 Divider [22] 140:3
 <10:21> 140:4 <10:21>
 140:7 <10:21> 140:8
 <10:21> 140:17 <10:22>
 140:21 <10:22> 140:22
 <10:22> 141:4 <10:22>
 141:11 142:16 <10:24> 142:22
 22 <10:25> 143:5 <10:25>
 152:15 <10:41> 152:17
 <10:41> 153:15 <10:42>
 153:25 <10:43> 153:26
 <10:43> 155:13 <10:46>
 155:19 <10:46> 156:2
 <10:46> 156:4 <10:46>
 167:8 <11:08>
 Document [2] 176:22
 <11:38> 180:12 <11:45>
 Documentation [9] 122:12
 <09:35> 124:12 <09:38>
 144:11 <10:27> 152:16
 <10:41> 155:7 <10:45>
 170:23 <11:14> 180:5
 <11:44> 182:1 <11:47>

184:17 <11:52>
 Documents [3] 119:22
 <09:30> 119:24 <09:30>
 120:1 <09:30>
 Dollar [1] 118:22 <09:28>
 Domestic [1] 122:21
 <09:35>
 Domestic-associated [1]
 122:21 <09:35>
 Dominated [1] 178:12
 <11:41>
 Don [4] 114:8 <09:21> 153:
 17 <10:42> 154:10
 <10:44> 170:26 <11:15>
 Done [29] 100:1 <08:56>
 102:16 <09:00> 104:12
 <09:03> 106:24 <09:08>
 108:22 <09:11> 108:25
 <09:11> 109:3 <09:11>
 109:4 <09:11> 110:6
 <09:13> 111:6 <09:15>
 111:10 <09:15> 112:7
 <09:17> 116:16 <09:25>
 128:1 <10:00> 135:20
 <10:13> 137:12 <10:16>
 137:24 <10:17> 141:23
 <10:23> 142:6 <10:24>
 149:6 <10:35> 150:18
 <10:37> 150:20 <10:37>
 150:25 <10:38> 156:11
 <10:47> 156:15 <10:47>
 167:10 <11:08> 174:15
 <11:34> 183:10 <11:49>
 183:18 <11:50>
 DONIHIE [1] 149:21
 <10:36>
 Door [1] 166:24 <11:08>
 Dot [1] 100:15 <08:57>
 Dots [2] 100:10 <08:57>
 104:26 <09:04>
 Down [15] 100:11
 <08:57> 102:12 <09:00>
 109:26 <09:13> 112:9
 <09:17> 115:26 <09:24>
 116:3 <09:24> 116:6
 <09:24> 117:26 <09:27>
 119:3 <09:29> 125:4
 <09:40> 154:15 <10:44>
 155:8 <10:45> 167:16
 <11:09> 177:14 <11:40>
 177:16 <11:40>
 Downstream [6] 106:9
 <09:07> 106:10 <09:07>
 106:11 <09:07> 107:24
 <09:09> 154:5 <10:43>
 178:16 <11:41>
 Doze [2] 118:2 <09:27>
 118:4 <09:27>
 Dozed [1] 118:8 <09:27>
 Dr [1] 96:16
 Drainage [6] 101:14
 <08:59> 106:19 <09:07>
 109:19 <09:12> 162:22
 <11:01> 163:2 <11:01>
 163:3 <11:01>
 Draw [2] 155:8 <10:45>
 167:16 <11:09>
 Drawing [2] 142:16
 <10:24> 142:17 <10:24>
 Drawn [1] 154:15 <10:44>
 Drill [1] 116:7 <09:24>
 Drills [1] 115:12 <09:23>
 Driven [1] 112:21 <09:18>
 Driving [1] 180:17
 <11:45>
 Drop [1] 179:15
 Dropped [1] 104:11
 <09:03>
 Dry [3] 140:23 <10:22>
 154:4 <10:43> 154:8
 <10:43>
 Due [5] 107:2 <09:08> 130:
 1 <10:04> 158:14 <10:51>
 163:6 <11:02> 178:3

<11:41>
 Dump [7] 162:10 <11:00>
 162:25 <11:01> 164:26
 <11:05> 173:9 <11:19>
 173:10 <11:19> 173:19
 <11:19> 173:25 <11:20>
 Durability [2] 181:10
 <11:46> 181:11 <11:46>
 During [32] 99:13
 <08:55> 99:15 <08:55> 99:
 17 <08:55> 100:26
 <08:58> 101:25 <08:59>
 102:9 <09:00> 102:26
 <09:01> 106:17 <09:07>
 112:7 <09:17> 112:20
 <09:18> 117:8 <09:26>
 118:17 <09:28> 137:19
 <10:17> 139:7 <10:19>
 140:10 <10:21> 140:10
 <10:21> 141:25 <10:24>
 142:19 <10:24> 142:21
 <10:25> 147:3 <10:31>
 148:2 <10:33> 153:20
 <10:43> 159:16 <10:54>
 160:10 <10:55> 170:14
 <11:14> 178:3 <11:41>
 179:4 <11:42> 179:25
 <11:44> 180:15 <11:45>
 180:26 <11:45> 181:23
 <11:47> 184:3 <11:51>
 Dust [4] 104:13 <09:04>
 104:13 <09:04> 104:15
 <09:04> 104:17 <09:04>

E

Earliest [1] 152:20 <10:41>
 Early [10] 114:16 <09:21>
 126:14 <09:42> 137:1
 <10:16> 137:9 <10:16>
 137:13 <10:16> 138:9
 <10:18> 155:2 <10:45>
 163:18 <11:02> 175:1
 <11:35> 179:20 <11:43>
 Earth [2] 98:8 <08:53> 113:
 24 <09:20>
 Earthworks [2] 114:7
 <09:20> 119:5 <09:29>
 East [3] 105:3 <09:05> 117:
 22 <09:27> 181:4 <11:46>
 Eastern [1] 140:15 <10:21>
 Ecosystem [1] 132:24
 <10:09>
 Ecosystems [1] 132:18
 <10:08>
 Edge [1] 107:25 <09:09>
 Edges [4] 117:19 <09:26>
 118:2 <09:27> 118:7
 <09:27> 181:23 <11:47>
 Effect [7] 105:19 <09:06>
 116:24 <09:25> 122:13
 <09:35> 124:13 <09:39>
 138:16 <10:18> 156:14
 <10:47> 169:13 <11:12>
 Effectively [4] 123:16
 <09:37> 141:11 143:1
 <10:25> 154:4 <10:43>
 Effects [24] 98:24 <08:54>
 103:18 <09:02> 104:14
 <09:04> 104:16 <09:04>
 108:6 <09:10> 108:8
 <09:10> 108:8 <09:10>
 108:13 <09:10> 111:4
 <09:15> 111:7 <09:15>
 113:5 <09:18> 132:24
 <10:09> 150:26 <10:38>
 151:23 <10:39> 152:1
 <10:40> 154:12 <10:44>
 157:20 <10:49> 157:25
 <10:50> 172:2 <11:16>
 172:10 <11:17> 172:20
 <11:18> 172:25 <11:18>
 172:26 <11:18> 181:15
 <11:46>
 Effluent [5] 100:5 <08:56>
 101:7 <08:58> 122:2
 <09:34> 145:18 <10:29>

169:11 <11:12>
 Eight [3] 139:17 <10:20>
 139:21 <10:20> 139:24
 <10:20>
 EIS [2] 125:2 <09:39> 125:3
 <09:40>
 Either [5] 99:22 <08:56>
 151:16 <10:39> 154:6
 <10:43> 156:1 166:14
 <11:07>
 Ekati [12] 104:12 <09:03>
 106:24 <09:08> 114:14
 <09:21> 114:25 <09:22>
 115:4 <09:22> 115:6
 <09:22> 126:9 <09:41>
 145:13 <10:29> 154:14
 <10:44> 156:2 <10:46>
 182:12 <11:48> 182:25
 <11:48>
 Elaborate [2] 147:18
 <10:32> 170:25 <11:14>
 Elements [7] 99:16
 <08:55> 108:15 <09:11>
 111:23 <09:16> 135:16
 <10:13> 136:1 <10:14>
 136:2 <10:14> 153:5
 <10:42>
 Elevated [2] 108:13
 <09:10> 178:2 <11:41>
 Elevation [2] 142:18
 <10:24> 153:1 <10:42>
 Elsewhere [2] 132:25
 <10:09> 134:17 <10:12>
 Encompassed [1] 132:22
 <10:08>
 Encountered [1] 102:9
 <09:00>
 End [11] 101:20 <08:59>
 109:4 <09:11> 113:7
 <09:18> 113:10 <09:19>
 114:17 <09:21> 125:22
 <09:41> 149:3 <10:34>
 162:25 <11:01> 162:26
 <11:01> 181:2 <11:45>
 181:3 <11:45>
 Enforced [1] 110:15
 <09:14>
 Engineer's [1] 111:1
 <09:15>
 Engineering [1] 116:16
 <09:25>
 Enrichment [1] 145:5
 <10:28>
 Ensure [5] 107:1 <09:08>
 111:20 <09:16> 175:26
 <11:37> 176:4 <11:37>
 177:4 <11:39>
 Entire [1] 181:20 <11:47>
 Entrainment [1] 177:11
 <11:40>
 Environment [21] 97:10
 99:3 <08:54> 103:11
 <09:02> 104:7 <09:03>
 111:21 <09:16> 112:8
 <09:17> 113:2 <09:18>
 129:2 <10:02> 143:15
 <10:26> 143:17 <10:26>
 143:19 <10:26> 145:3
 <10:28> 145:16 <10:29>
 151:3 <10:38> 151:6
 <10:38> 151:15 <10:39>
 151:17 <10:39> 151:22
 <10:39> 151:25 <10:39>
 152:5 <10:40> 166:16
 <11:07>
 Environmental [5] 98:9
 <08:53> 119:25 <09:30>
 162:19 <11:01> 172:13
 <11:17> 181:15 <11:46>
 Envisages [1] 103:15
 <09:02>
 Envision [2] 126:13
 <09:42> 152:10 <10:40>
 Ephemeral [2] 173:12
 <11:19> 173:17 <11:19>

Equal [1] 129:11 <10:03>
 Equipment [8] 117:1
 <09:25> 118:13 <09:28>
 118:15 <09:28> 118:16
 <09:28> 118:17 <09:28>
 125:24 <09:41> 137:4
 <10:16> 146:4 <10:30>
 Erase [1] 123:17 <09:37>
 Erodible [1] 146:11
 <10:30>
 Erosion [12] 103:8
 <09:01> 145:22 <10:29>
 145:26 <10:29> 146:2
 <10:29> 146:17 147:5
 <10:31> 147:7 <10:31>
 169:24 <11:13> 170:2
 <11:13> 170:11 <11:14>
 170:12 <11:14> 171:11
 <11:15>
 Erosion-protection [2]
 147:7 <10:31> 171:11
 <11:15>
 Error [1] 183:17 <11:50>
 Errors [2] 107:4 <09:08>
 130:1 <10:04>
 Essence [2] 137:11
 <10:16> 141:10 <10:23>
 Essential [1] 138:11
 <10:18>
 Essentially [13] 101:1
 <08:58> 102:13 <09:00>
 127:7 <09:43> 131:6
 <10:06> 138:8 <10:18>
 139:20 <10:20> 139:23
 <10:20> 147:23 <10:32>
 153:24 <10:43> 154:26
 <10:45> 155:2 <10:45>
 160:8 <10:55> 181:21
 <11:47>
 Established [1] 132:5
 <10:07>
 Estimate [12] 113:20
 <09:19> 114:23 <09:22>
 116:15 <09:24> 118:21
 <09:28> 118:25 <09:29>
 133:12 <10:09> 135:9
 <10:13> 136:20 <10:15>
 136:24 <10:15> 158:22
 <10:52> 160:14 <10:55>
 160:21 <10:56>
 Estimates [6] 114:18
 <09:21> 114:21 <09:21>
 133:9 <10:09> 160:25
 <10:56> 165:17 <11:06>
 165:20 <11:06>
 Et [8] 104:3 <09:03> 107:7
 <09:08> 110:16 <09:14>
 117:7 <09:26> 118:20
 <09:28> 136:2 <10:14>
 164:18 <11:04> 165:22
 <11:06>
 Eutrophication [1] 145:6
 <10:28>
 Evaluate [1] 181:14
 <11:46>
 Evaluated [1] 154:11
 <10:44>
 Evaporation [1] 104:4
 <09:03>
 Evening [3] 101:13
 <08:58> 105:24 <09:06>
 143:23 <10:26>
 Event [1] 146:25 <10:31>
 Events [1] 143:3 <10:25>
 Eventual [1] 124:2
 <09:38>
 Eventually [1] 141:1
 <10:22>
 Evolution [1] 130:10
 <10:04>
 Exact [4] 137:18 <10:17>
 159:8 <10:52> 161:17
 <10:58> 172:17 <11:17>
 Exactly [8] 136:6 <10:14>

159:7 <10:52> 166:1
 <11:07> 167:3 <11:08>
 167:19 <11:09> 171:5
 <11:15> 180:20 <11:45>
 180:24 <11:45>
Example [4] 133:22
 <10:10> 135:21 <10:13>
 146:16 <10:30> 177:12
 <11:40>
Examples [1] 120:14
 <09:31>
Exceed [1] 130:7 <10:04>
Exceeded [1] 129:24
 <10:04>
Exceeds [1] 178:6 <11:41>
Except [2] 112:7 <09:17>
 144:20 <10:28>
Excess [1] 170:16 <11:14>
Excuse [1] 130:14 <10:05>
Executive [1] 96:17
Exist [1] 176:16 <11:38>
Existing [8] 122:3 <09:34>
 132:22 <10:08> 136:5
 <10:14> 136:10 <10:14>
 136:21 <10:15> 136:22
 <10:15> 138:15 <10:18>
 138:18 <10:18>
Expect [11] 122:15
 <09:35> 129:24 <10:04>
 130:6 <10:04> 130:22
 <10:05> 130:26 <10:05>
 131:7 <10:06> 133:23
 <10:10> 139:4 <10:19>
 165:20 <11:06> 173:25
 <11:20> 182:13 <11:48>
Expectation [3] 120:18
 <09:32> 141:17 <10:23>
 143:4 <10:25>
Expectations [1] 125:17
 <09:40>
Expected [4] 129:7
 <10:03> 130:21 <10:05>
 154:16 <10:44> 181:18
 <11:46>
Expecting [3] 121:6
 <09:33> 162:20 <11:01>
 184:7 <11:51>
Expensive [1] 135:4
 <10:12>
Experienced [2] 182:25
 <11:48> 184:9 <11:52>
Experiences [1] 167:17
 <11:09>
Explained [1] 129:23
 <10:04>
Exploration [3] 102:9
 <09:00> 104:20 <09:04>
 114:17 <09:21>
Explored [1] 181:24
 <11:47>
Explosives [2] 116:11
 <09:24> 169:3 <11:11>
Expressed [3] 104:7
 <09:03> 105:20 <09:06>
 144:13 <10:27>
Extended [1] 139:6
 <10:19>
Extensive [1] 132:12
 <10:08>
Extensively [1] 123:26
 <09:37>
Extremely [5] 125:11
 <09:40> 125:19 <09:41>
 125:19 <09:41> 125:19
 <09:41> 147:1 <10:31>

F

Face [6] 153:6 <10:42> 153:
 15 <10:42> 154:5 <10:43>
 154:5 <10:43> 154:16
 <10:44> 155:8 <10:45>
Facilitate [1] 155:23
 <10:46>

Facilities [23] 99:23
 <08:56> 100:2 <08:56>
 104:6 <09:03> 115:1
 <09:22> 117:5 <09:26>
 118:9 <09:27> 118:9
 <09:27> 118:19 <09:28>
 119:5 <09:29> 133:13
 <10:10> 134:20 <10:12>
 137:12 <10:16> 157:18
 <10:49> 158:24 <10:52>
 159:3 <10:52> 159:7
 <10:52> 159:26 <10:54>
 160:12 <10:55> 160:15
 <10:56> 160:21 <10:56>
 160:24 <10:56> 166:5
 <11:07> 171:5 <11:15>
Facility [6] 102:26
 <09:01> 103:7 <09:01>
 111:15 <09:16> 136:26
 <10:16> 181:18 <11:46>
 181:21 <11:47>
Fact [4] 132:10 <10:08>
 132:22 <10:08> 157:16
 <10:49> 166:10 <11:07>
Factor [1] 129:13 <10:03>
Factored [1] 118:25
 <09:29>
Failures [1] 182:24
 <11:48>
Fairly [10] 99:11 <08:55>
 107:22 <09:09> 115:6
 <09:22> 118:18 <09:28>
 118:18 <09:28> 123:13
 <09:36> 126:1 <09:41>
 154:20 <10:44> 162:24
 <11:01> 162:24 <11:01>
Fall [1] 153:24 <10:43>
Falls [1] 122:5 <09:34>
Familiar [2] 109:16
 <09:12> 175:17 <11:37>
Far [4] 106:11 <09:07> 129:
 6 <10:03> 129:12 <10:03>
 156:14 <10:47>
Farm [1] 136:21 <10:15>
Features [3] 147:23
 <10:32> 147:25 <10:32>
 148:5 <10:33>
Federal [1] 131:23 <10:07>
Federally [1] 114:2
 <09:20>
Feeding [1] 110:14
 <09:14>
Few [6] 114:24 <09:22>
 115:15 <09:23> 117:15
 <09:26> 120:4 <09:31>
 173:4 <11:18> 174:8
 <11:34>
Field [4] 107:3 <09:08>
 114:6 <09:20> 114:17
 <09:21> 148:19 <10:34>
Figuring [1] 114:19
 <09:21>
File [1] 166:22
Filed [3] 122:12 <09:35>
 162:5 <11:00> 167:9
 <11:08>
Filiatrault [35] 96:18 150:2
 <10:36> 150:3 <10:36>
 151:12 <10:39> 152:13
 <10:41> 153:11 <10:42>
 154:9 <10:44> 155:5
 <10:45> 156:9 <10:47>
 157:1 <10:48> 158:1
 <10:50> 158:18 <10:52>
 159:20 <10:54> 160:17
 <10:56> 161:9 <10:57>
 161:26 <10:59> 162:1
 <10:59> 164:3 <11:03>
 164:20 <11:04> 169:2
 <11:11> 169:21 <11:13>
 170:18 <11:14> 171:23
 <11:16> 172:11 <11:17>
 173:4 <11:18> 174:7
 <11:34> 175:2 <11:35>
 175:16 <11:36> 176:21

<11:38> 178:22 <11:42>
 180:3 <11:44> 181:8
 <11:46> 181:26 <11:47>
 183:1 <11:49> 184:10
 <11:52>
Fill [2] 154:11 <10:44> 154:
 16 <10:44>
Filled [1] 112:5 <09:17>
Filling [1] 112:23 <09:18>
Fills [2] 112:24 <09:18>
 140:24 <10:22>
Filter [2] 142:4 <10:24>
 154:8 <10:43>
Filters [1] 153:5 <10:42>
Final [10] 119:25 <09:30>
 122:16 <09:35> 137:22
 <10:17> 140:4 <10:21>
 152:19 <10:41> 159:16
 <10:54> 159:18 <10:54>
 162:11 <11:00> 162:23
 <11:01> 183:2 <11:49>
Finalized [2] 176:13
 <11:38> 176:17 <11:38>
Finally [1] 163:13 <11:02>
Fine [11] 117:22 <09:27>
 143:9 <10:25> 153:9
 <10:42> 158:6 <10:50>
 158:18 <10:52> 171:14
 <11:15> 178:15 <11:41>
 180:20 <11:45> 180:22
 <11:45> 181:12 <11:46>
 181:19 <11:47>
Finish [1] 99:14 <08:55>
Fire [1] 184:23 <11:52>
First [15] 101:19 <08:59>
 109:15 <09:12> 110:23
 <09:14> 127:5 <09:43>
 133:10 <10:09> 137:19
 <10:17> 139:15 <10:20>
 140:8 <10:21> 141:22
 <10:23> 141:24 <10:23>
 143:6 <10:25> 152:26
 <10:41> 171:13 <11:15>
 174:26 <11:35> 182:11
 <11:48>
Fish [15] 105:22 <09:06>
 108:19 <09:11> 109:4
 <09:11> 109:7 <09:12>
 109:9 <09:12> 109:12
 <09:12> 109:12 <09:12>
 109:14 <09:12> 147:23
 <10:32> 147:25 <10:32>
 148:2 <10:33> 148:23
 <10:34> 149:2 <10:34>
 149:4 <10:34> 172:26
 <11:18>
Fish-friendly [3] 147:23
 <10:32> 147:25 <10:32>
 148:4 <10:33>
Fisheries [3] 147:16
 <10:32> 175:17 <11:37>
 175:20 <11:37>
Fits [1] 152:24 <10:41>
Five [4] 110:22 <09:14>
 119:13 <09:30> 139:4
 <10:19> 146:24 <10:31>
Flexibility [1] 168:15
 <11:10>
Floating [2] 108:18
 <09:11> 108:19 <09:11>
Flood [1] 142:21 <10:25>
Floods [1] 142:26 <10:25>
Floor [2] 128:10 <10:01>
 139:11 <10:20>
Flow [19] 105:9 <09:05>
 145:20 <10:29> 146:25
 <10:31> 148:2 <10:33>
 156:22 <10:48> 156:24
 <10:48> 156:25 <10:48>
 163:3 <11:01> 169:17
 <11:12> 172:15 <11:17>
 172:16 <11:17> 180:4
 <11:44> 180:6 <11:44>
 180:6 <11:44> 183:21
 <11:51> 184:3 <11:51>

184:18 <11:52> 184:19
 <11:52> 184:19 <11:52>
Flowing [2] 105:13
 <09:05> 177:9 <11:39>
Flows [19] 99:18 <08:55>
 99:25 <08:56> 101:5
 <08:58> 103:17 <09:02>
 105:5 <09:05> 105:18
 <09:06> 105:21 <09:06>
 106:5 <09:07> 146:18
 <10:30> 156:17 <10:47>
 164:14 <11:04> 164:15
 <11:04> 164:15 <11:04>
 165:2 <11:05> 173:10
 <11:19> 183:25 <11:51>
 183:26 <11:51> 184:6
 <11:51> 184:8 <11:51>
Focus [2] 100:13 <08:57>
 102:20 <09:01>
Follow [3] 130:12 <10:05>
 132:20 <10:08> 149:13
 <10:35>
Follow-up [1] 130:12
 <10:05>
Following [7] 110:22
 <09:14> 139:5 <10:19>
 141:9 <10:23> 150:15
 <10:37> 150:18 <10:37>
 182:12 <11:48> 182:24
 <11:48>
Follows [1] 119:4 <09:29>
Footprint [2] 103:12
 <09:02> 181:21 <11:47>
Foresee [1] 152:19 <10:41>
Form [2] 165:3 <11:05>
 169:10 <11:12>
Formally [1] 149:6
 <10:35>
Forth [1] 166:17 <11:07>
Forum [1] 161:17 <10:58>
Forward [2] 113:14
 <09:19> 179:7 <11:42>
Foundation [4] 104:25
 <10:22> 141:16 <10:23>
 141:20 <10:23> 141:26
 <10:24>
Four [2] 110:23 <09:14>
 115:25 <09:23>
Foxes [1] 110:10 <09:14>
Framework [1] 181:17
 <11:46>
Free [1] 142:25 <10:25>
Freezed [1] 141:2 <10:22>
Frequency [11] 100:25
 <08:58> 100:26 <08:58>
 101:21 <08:59> 103:1
 <09:01> 103:2 108:22
 <09:11> 130:25 <10:05>
 131:1 <10:05> 131:4
 <10:06> 151:15 <10:39>
 182:6 <11:47>
Frequently [5] 109:11
 <09:12> 112:8 <09:17>
 112:9 <09:17> 130:20
 <10:05> 131:8 <10:06>
Fresh [1] 100:6 <08:56>
Freshet [4] 102:19
 <09:00> 184:3 <11:51>
 184:8 <11:51> 184:14
 <11:52>
Friendly [2] 147:23
 <10:32> 147:25 <10:32>
Frog [1] 145:9 <10:28>
Front [1] 124:25 <09:39>
Fuel [8] 115:10 <09:22>
 118:20 <09:28> 126:3
 <09:41> 126:5 <09:41>
 126:6 <09:41> 126:7
 <09:41> 137:16 <10:17>
 137:17 <10:17>
Full [4] 100:22 <08:57>
 126:14 <09:42> 138:11
 <10:18> 156:4 <10:46>
Fullness [1] 98:21 <08:54>

Future [1] 137:26 <10:17>

G

Gap [2] 129:8 <10:03> 130:
 4 <10:04>
Gather [1] 141:25 <10:24>
Gathered [2] 119:20
 <09:30> 141:16 <10:23>
Gathering [1] 132:15
 <10:08>
Gauge [1] 105:26 <09:06>
Gauging [1] 106:1
 <09:06>
General [6] 110:13
 <09:14> 119:2 <09:29>
 120:2 <09:31> 178:11
 <11:41> 178:26 <11:42>
 179:26 <11:44>
Generally [3] 121:5
 <09:32> 125:22 <09:41>
 182:23 <11:48>
Generated [2] 155:13
 <10:46> 158:5 <10:50>
Geochemistry [2] 99:19
 <08:55> 101:8 <08:58>
George [1] 96:13
Geotechnical [4] 99:17
 <08:55> 110:25 <09:15>
 110:26 <09:15> 112:13
 <09:17>
Given [1] 169:25 <11:13>
Glossed [1] 179:8 <11:42>
GN [2] 110:3 <09:13> 110:5
 <09:13>
Goal [1] 125:10 <09:40>
Govern [1] 166:6 <11:07>
Government [1] 131:23
 <10:07>
Gradient [1] 156:22
 <10:48>
Granite [2] 146:16
 <10:30> 170:11 <11:14>
Graphs [2] 139:17
 <10:20> 139:22 <10:20>
Gravel [2] 146:15 <10:30>
 170:10 <11:14>
Great [1] 121:7 <09:33>
Greg [29] 98:5 <08:53> 98:
 11 <08:53> 113:13
 <09:19> 119:10 <09:29>
 129:16 <10:03> 136:13
 <10:14> 136:13 <10:14>
 138:5 <10:18> 138:5
 <10:18> 139:19 <10:20>
 139:19 <10:20> 143:26
 <10:26> 143:26 <10:26>
 149:5 <10:35> 149:5
 <10:35> 159:12 <10:53>
 160:22 <10:56> 160:22
 <10:56> 161:14 <10:57>
 161:15 <10:57> 163:15
 <11:02> 163:15 <11:02>
 167:13 <11:08> 167:13
 <11:08> 175:12 <11:36>
 175:12 <11:36> 176:9
 <11:38> 176:9 <11:38>
 177:21 <11:40>
Ground [2] 99:19 <08:55>
 102:8 <09:00>
Group [1] 149:8 <10:35>
Guarantee [1] 161:12
 <10:57>
Guaranteeing [1] 160:20
 <10:56>
Guess [14] 108:5 <09:10>
 149:1 <10:34> 149:8
 <10:35> 153:12 <10:42>
 160:18 <10:56> 160:18
 <10:56> 162:13 <11:00>
 164:1 <11:03> 165:5
 <11:05> 171:23 <11:16>
 175:7 <11:36> 175:14
 <11:36> 176:17 <11:38>