



Pre-Permitting Environmental / Socio-Economic Data Report Series

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# Report Series B-Surface Water Hydrology

## Report B-13 Pebble Project Streamflow Data Upper Talarik Creek - Tributary 1.190, Gaging Station UT119A

*July 12, 2004 - September 30, 2007*

*Rev 0 - April 30, 2008*

*Submitted to the Alaska Department of Natural Resources May 2008*

*Preliminary data. Do not cite or quote.*

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.

Prepared for the Pebble Limited Partnership by

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**Pebble Project Streamflow Data**  
**Upper Talarik Creek - Tributary 1.190**  
**Gaging Station UT119A**  
 Rev 0 - April 30, 2008

*Preliminary Data. Do Not Cite or Quote.*

**Daily Discharge Record (cfs)**

Date	Discharge
12-Jul-04	29.1
13-Jul-04	29.1
14-Jul-04	29.1
15-Jul-04	28.6
16-Jul-04	28.1
17-Jul-04	28.2
18-Jul-04	28.3
19-Jul-04	28.8
20-Jul-04	27.4
21-Jul-04	27.0
22-Jul-04	25.6
23-Jul-04	27.8
24-Jul-04	27.8
25-Jul-04	28.0
26-Jul-04	28.9
27-Jul-04	28.1
28-Jul-04	27.9
29-Jul-04	27.4
30-Jul-04	27.9
31-Jul-04	27.2
1-Aug-04	26.8
2-Aug-04	26.7
3-Aug-04	27.0
4-Aug-04	27.3
5-Aug-04	26.8
6-Aug-04	27.2
7-Aug-04	27.1
8-Aug-04	27.0
9-Aug-04	26.7
10-Aug-04	26.6
11-Aug-04	26.6
12-Aug-04	26.8
13-Aug-04	26.5

**Monthly Discharge by Water Year (cfs)**

Month	Water Year		
	2004-05	2005-06	2006-07
Oct	26.8	33.0	30.2
Nov	25.2	27.9	26.5
Dec	24.5	24.9	24.0
Jan	24.1	24.2	23.4
Feb	24.0	24.1	23.3
Mar	23.9	24.1	23.2
Apr	25.1	26.2	24.5
May	28.1	29.3	23.8
Jun	27.3	24.3	23.5
Jul	26.4	24.1	23.8
Aug	27.8	26.3	23.5
Sep	34.4	28.0	29.3
Year	26.5	26.4	24.9

14-Aug-04	26.3
15-Aug-04	26.1
16-Aug-04	25.9
17-Aug-04	26.0
18-Aug-04	26.2
19-Aug-04	26.6
20-Aug-04	27.0
21-Aug-04	26.6
22-Aug-04	26.7
23-Aug-04	26.9
24-Aug-04	26.7
25-Aug-04	26.6
26-Aug-04	26.3
27-Aug-04	25.4
28-Aug-04	25.1
29-Aug-04	25.1
30-Aug-04	25.1
31-Aug-04	25.2
1-Sep-04	25.5
2-Sep-04	25.3
3-Sep-04	24.9
4-Sep-04	24.9
5-Sep-04	24.8
6-Sep-04	24.8
7-Sep-04	24.8
8-Sep-04	24.9
9-Sep-04	24.9
10-Sep-04	24.9
11-Sep-04	24.8
12-Sep-04	24.7
13-Sep-04	24.7
14-Sep-04	24.8
15-Sep-04	24.7
16-Sep-04	25.0
17-Sep-04	26.0
18-Sep-04	26.2
19-Sep-04	27.5
20-Sep-04	28.4
21-Sep-04	26.6
22-Sep-04	28.6
23-Sep-04	26.4
24-Sep-04	26.1
25-Sep-04	26.3
26-Sep-04	26.5
27-Sep-04	26.4
28-Sep-04	27.4
29-Sep-04	34.7
30-Sep-04	36.9
1-Oct-04	29.3
2-Oct-04	27.9
3-Oct-04	27.5
4-Oct-04	28.1

5-Oct-04	27.7
6-Oct-04	27.3
7-Oct-04	27.0
8-Oct-04	26.9
9-Oct-04	27.7
10-Oct-04	27.5
11-Oct-04	27.0
12-Oct-04	26.9
13-Oct-04	26.5
14-Oct-04	26.5
15-Oct-04	26.6
16-Oct-04	26.7
17-Oct-04	26.6
18-Oct-04	26.6
19-Oct-04	26.5
20-Oct-04	26.4
21-Oct-04	26.4
22-Oct-04	26.3
23-Oct-04	26.2
24-Oct-04	26.2
25-Oct-04	26.1
26-Oct-04	26.1
27-Oct-04	26.0
28-Oct-04	26.0
29-Oct-04	25.9
30-Oct-04	25.9
31-Oct-04	25.8
1-Nov-04	25.8
2-Nov-04	25.7
3-Nov-04	25.7
4-Nov-04	25.6
5-Nov-04	25.6
6-Nov-04	25.5
7-Nov-04	25.5
8-Nov-04	25.4
9-Nov-04	25.4
10-Nov-04	25.4
11-Nov-04	25.3
12-Nov-04	25.3
13-Nov-04	25.3
14-Nov-04	25.2
15-Nov-04	25.2
16-Nov-04	25.2
17-Nov-04	25.1
18-Nov-04	25.1
19-Nov-04	25.1
20-Nov-04	25.0
21-Nov-04	25.0
22-Nov-04	25.0
23-Nov-04	24.9
24-Nov-04	24.9
25-Nov-04	24.9

26-Nov-04	24.9
27-Nov-04	24.8
28-Nov-04	24.8
29-Nov-04	24.8
30-Nov-04	24.8
1-Dec-04	24.7
2-Dec-04	24.7
3-Dec-04	24.7
4-Dec-04	24.7
5-Dec-04	24.7
6-Dec-04	24.6
7-Dec-04	24.6
8-Dec-04	24.6
9-Dec-04	24.6
10-Dec-04	24.6
11-Dec-04	24.5
12-Dec-04	24.5
13-Dec-04	24.5
14-Dec-04	24.5
15-Dec-04	24.5
16-Dec-04	24.5
17-Dec-04	24.5
18-Dec-04	24.4
19-Dec-04	24.4
20-Dec-04	24.4
21-Dec-04	24.4
22-Dec-04	24.4
23-Dec-04	24.4
24-Dec-04	24.4
25-Dec-04	24.3
26-Dec-04	24.3
27-Dec-04	24.3
28-Dec-04	24.3
29-Dec-04	24.3
30-Dec-04	24.3
31-Dec-04	24.3
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16-Jan-05	24.1

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9-Apr-05	23.9
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11-Apr-05	23.9
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13-Apr-05	23.9
14-Apr-05	24.0
15-Apr-05	24.5
16-Apr-05	25.0
17-Apr-05	25.2
18-Apr-05	25.1
19-Apr-05	25.0
20-Apr-05	24.9
21-Apr-05	25.9
22-Apr-05	27.1
23-Apr-05	27.1
24-Apr-05	26.7
25-Apr-05	26.6
26-Apr-05	27.0
27-Apr-05	26.9
28-Apr-05	27.9
29-Apr-05	27.4
30-Apr-05	27.3

1-May-05	27.5
2-May-05	27.4
3-May-05	28.0
4-May-05	28.4
5-May-05	29.3
6-May-05	29.7
7-May-05	29.3
8-May-05	28.7
9-May-05	28.5
10-May-05	28.4
11-May-05	28.1
12-May-05	28.6
13-May-05	28.8
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15-May-05	28.4
16-May-05	28.3
17-May-05	28.4
18-May-05	28.4
19-May-05	28.1
20-May-05	27.8
21-May-05	27.6
22-May-05	28.5
23-May-05	27.7
24-May-05	27.3
25-May-05	27.1
26-May-05	27.1
27-May-05	27.1
28-May-05	27.2
29-May-05	27.6
30-May-05	26.9
31-May-05	26.9
1-Jun-05	27.0
2-Jun-05	27.7
3-Jun-05	28.1
4-Jun-05	27.9
5-Jun-05	27.9
6-Jun-05	27.9
7-Jun-05	27.8
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10-Jun-05	27.4
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13-Jun-05	27.0
14-Jun-05	27.2
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16-Jun-05	27.1
17-Jun-05	26.9
18-Jun-05	28.6
19-Jun-05	27.2
20-Jun-05	27.0
21-Jun-05	27.1



22-Jun-05	27.2
23-Jun-05	27.0
24-Jun-05	26.8
25-Jun-05	26.8
26-Jun-05	26.7
27-Jun-05	26.8
28-Jun-05	26.9
29-Jun-05	27.0
30-Jun-05	27.0
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2-Jul-05	26.6
3-Jul-05	26.9
4-Jul-05	26.4
5-Jul-05	26.4
6-Jul-05	26.4
7-Jul-05	26.3
8-Jul-05	26.4
9-Jul-05	26.7
10-Jul-05	26.8
11-Jul-05	26.6
12-Jul-05	27.4
13-Jul-05	26.4
14-Jul-05	26.2
15-Jul-05	26.1
16-Jul-05	26.8
17-Jul-05	26.1
18-Jul-05	26.1
19-Jul-05	26.5
20-Jul-05	26.2
21-Jul-05	26.3
22-Jul-05	26.3
23-Jul-05	26.6
24-Jul-05	26.5
25-Jul-05	26.5
26-Jul-05	26.4
27-Jul-05	26.3
28-Jul-05	25.8
29-Jul-05	25.9
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31-Jul-05	26.1
1-Aug-05	26.3
2-Aug-05	26.1
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7-Aug-05	25.8
8-Aug-05	25.7
9-Aug-05	25.7
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12-Aug-05	25.7

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16-Aug-05	26.1
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21-Aug-05	29.3
22-Aug-05	29.6
23-Aug-05	31.4
24-Aug-05	31.6
25-Aug-05	30.2
26-Aug-05	29.8
27-Aug-05	29.8
28-Aug-05	30.8
29-Aug-05	30.8
30-Aug-05	30.0
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1-Sep-05	31.9
2-Sep-05	31.8
3-Sep-05	31.9
4-Sep-05	33.3
5-Sep-05	33.3
6-Sep-05	36.0
7-Sep-05	34.3
8-Sep-05	34.1
9-Sep-05	41.2
10-Sep-05	35.6
11-Sep-05	34.3
12-Sep-05	34.7
13-Sep-05	33.8
14-Sep-05	33.5
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16-Sep-05	36.1
17-Sep-05	35.3
18-Sep-05	34.8
19-Sep-05	34.4
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22-Sep-05	35.4
23-Sep-05	34.6
24-Sep-05	34.4
25-Sep-05	34.3
26-Sep-05	33.8
27-Sep-05	34.2
28-Sep-05	34.0
29-Sep-05	33.7
30-Sep-05	33.7
1-Oct-05	33.5
2-Oct-05	33.4
3-Oct-05	33.5

4-Oct-05	33.5
5-Oct-05	33.5
6-Oct-05	33.2
7-Oct-05	33.9
8-Oct-05	33.7
9-Oct-05	33.1
10-Oct-05	33.0
11-Oct-05	32.9
12-Oct-05	32.6
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14-Oct-05	32.8
15-Oct-05	32.6
16-Oct-05	32.5
17-Oct-05	35.4
18-Oct-05	33.3
19-Oct-05	32.9
20-Oct-05	33.0
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23-Oct-05	32.8
24-Oct-05	32.7
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27-Oct-05	32.7
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23-Dec-05	24.6
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25-Dec-05	24.5
26-Dec-05	24.5
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31-Dec-05	24.4
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4-Jan-06	24.3
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12-Jan-06	24.2
13-Jan-06	24.2
14-Jan-06	24.2
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16-Jan-06	24.2
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20-Jan-06	24.2
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16-Apr-06	24.1
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18-Apr-06	26.2
19-Apr-06	27.6
20-Apr-06	29.4
21-Apr-06	31.7
22-Apr-06	34.5
23-Apr-06	29.5
24-Apr-06	29.5
25-Apr-06	28.3
26-Apr-06	28.4
27-Apr-06	29.3
28-Apr-06	26.6
29-Apr-06	26.9

30-Apr-06	27.1
1-May-06	26.9
2-May-06	27.6
3-May-06	28.9
4-May-06	28.9
5-May-06	29.8
6-May-06	28.1
7-May-06	26.7
8-May-06	26.1
9-May-06	27.2
10-May-06	28.8
11-May-06	30.4
12-May-06	33.5
13-May-06	33.6
14-May-06	31.8
15-May-06	32.4
16-May-06	31.8
17-May-06	31.0
18-May-06	30.5
19-May-06	27.5
20-May-06	26.2
21-May-06	29.8
22-May-06	35.7
23-May-06	31.0
24-May-06	29.4
25-May-06	28.0
26-May-06	27.9
27-May-06	30.1
28-May-06	28.9
29-May-06	27.1
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31-May-06	25.6
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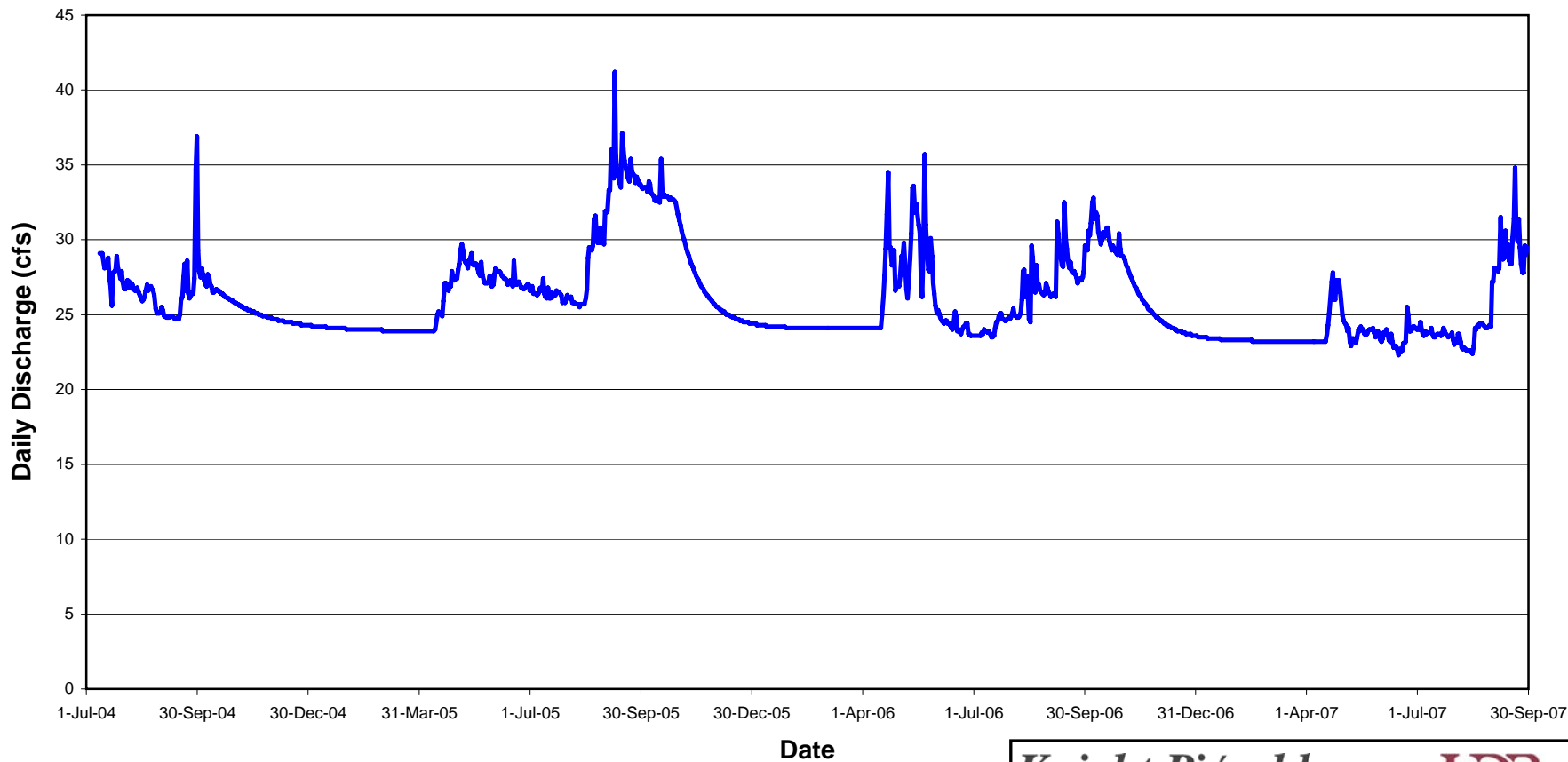
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**Preliminary Data. Do Not Cite or Quote.**

***Knight Piésold***  
CONSULTING

**HDR**

**DAILY DISCHARGE HYDROGRAPH  
STATION UT119A**

Rev 0 - April 30, 2008

**FIGURE 1**