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## Supplementary Material

### A. Sediment Accumulation Rate Calculations

Time-averaged sediment accumulation rates were calculated using three methods that utilize stratigraphic thickness and tuff ages (Table A1; Donaghy, 2015). The first method uses the known thickness of Chumstick strata at a location with interbedded tuffs that have been dated using ID-TIMS (Eddy *et al.*, 2016b). The sediment accumulation rate is calculated using traditional methods. This method was utilized primarily in the middle part of the Chumstick Formation, where eight to nine tuffs are exposed within the section along Clark Canyon (Table A2). At these locations, the thickness of Chumstick strata between interbedded tuffs could be accurately measured in one stratigraphic section using a Brunton compass and Jacob staff or from Evans (1988). This method assumes that the true stratigraphic thickness measured between tuff interbeds accurately reflects the amount of sediments that were deposited in the basin. In reality, sediment could have bypassed deposition in this area and/or parts of the section could have been eroded during sediment deposition. This would result in a thinner stratigraphic section and lower sediment accumulation rate.

For stratigraphic intervals in the lower and upper Chumstick Formation, where interbedded tuffs are rare, the thickness of strata between tuffs had to be estimated using the Universal Thickness Equation (Hobson, 1942; Charlesworth and Kilby, 1981). Once the stratigraphic thickness was determined, the sediment accumulation rate was calculated using traditional methods. One problem with this method is that the dip varied between two to three degrees and the strike could change between five and ten degrees. For areas that this method was used, the section was split into parts where the strike and dip were relatively similar and an average dip was used to calculate the thickness of strata. Changes in strike resulted in the

distance measured on the map not always being perpendicular to the strike lines throughout a stratigraphic section. These slight changes in strike and dip likely caused the calculated stratigraphic thickness to be slightly more or less than the true stratigraphic thickness.

Finally, sediment accumulation rates were also used to determine the age of parts of the Chumstick Formation where tuffs were not present. For this method, the calculated sediment accumulation rate from a stratigraphic interval with interbedded tuffs above or below the section of interest was assumed to remain constant. The thickness of the stratigraphic interval of interest was estimated using the second method above, if necessary. The sediment accumulation rate and stratigraphic thickness were then used to calculate how long it took that stratigraphic section to be deposited. This was useful for estimating the age of the top of the Clark Canyon Member and from the lowest tuff to the base of the Chumstick Formation. Due to erosion and/or sediment bypass, the calculated thickness must be considered to be a minimum. The major flaw in this method is that sedimentation rates are likely not constant from the overlying or underlying stratigraphic section. Although there is error in assuming sediment accumulation rates to be the same between sections of different lithofacies and grain, due to rapid vertical and lateral facies changes, all calculated sediment accumulation rates are assumed to represent an average for that stratigraphic interval. This could impact the correct age for the base and top of the Chumstick Formation. Table A2 shows the calculated sediment accumulation rates for the lower, middle, and upper parts of the Chumstick Formation using the three different methods at different locations in the north and south part of the Chumstick basin.

**Table A1.** Variations in stratigraphic thickness of the Chumstick Formation

	Map thickness	Stratigraphic thickness	Location
MEASURED SECTION	<i>meters</i>		
<i>Lower Clark Canyon Mbr.</i>			
Base to Fairview tuff	500	1000*	SWB
Fairview tuff to east limb of Camas Land	7000	--	SWB
Fairview Canyon to Yaksum tuff	1300	1500*	SWB
<i>Middle Clark Canyon Mbr.</i>			
Yaksum tuff to Eagle Creek tuff	3111	2900*	SWB
Yaksum tuff to Eagle Creek tuff	1330	--	NWB
<i>Upper Clark Canyon Mbr.</i>			
Eagle Creek tuff to Camas Land syncline (tctc2)	3400	--	SWB
Eagle Creek tuff to tctc2	--	1390*	NWB
tctc2 to S1 tuff	1540	2200*	NWB
S1 tuff to S2 tuff	320	430*	NWB
S1 tuff to top of section		1100*	NWB
Ski hill to Tumwater (base of s2 tuff)	1550	--	NWB
Tumwater + Radio Tower	--	214	NWB
s1 to hinge of Peshastin syncline	880	--	NWB
Peshastin syncline hinge at S1 to city of Plain	385	--	NWB
Total section above s1 tuff	1265	--	NWB
<i>Total thickness variations of Clark Canyon Mbr.</i>			
Lower to upper	7000	--	SWB
Middle to upper	4500	--	NWB
<i>Nahahum Member</i>			
Van creek	--	10	SEB
Merry Canyon Rd.	--	55	NEB

\* Indicates stratigraphic thicknesses are from Evans (1988). Abbreviations: SWB = South part of western subbasin; NWB = North part of western subbasin; SEB = south part of eastern subbasin; NEB = north part of eastern subbasin; tctc2 = Clark Canyon tuff 2; S1 = Sunitsch Canyon tuff 1; S2 = Sunitsch Canyon tuff 2.

**Table A2.** Summary table of the variations in sediment accumulation rates in different parts of the Clark Canyon Member.

	Stratigraphic Thickness <i>meters</i>	Age difference <i>Ma</i>	Sediment accumulation rate (mm/yr)	Location of section
<i>Lower CC Member</i>				
Fairview tuff to Yaksum tuff	1300	0.188	6.914	SWB
<i>Middle CC Member</i>				
Yaksum to Eagle Creek tuff	3111	0.437	7.119	SWB
Yaksum to Eagle Creek tuff	1330	0.437	3.043	NWB
<i>Upper CC Member</i>				
Eagle Creek to ttc2	1390	0.541	2.569	NWB
Eagle Creek to Camas Land	3400	0.541	6.285	SWB
<i>Clark Canyon section</i>				
Eagle Creek to ttc7	525	0.232	2.262	NWB
ttc7 to ttc4	518	0.104	4.981	NWB
ttc4 to ttc2	325	0.205	1.585	NWB

*Notes: Abbreviations: CC = Clark Canyon; SWB = south part of western subbasin; NWB = north part of the western subbasin.*

## **B. Inferred Depositional Environments**

### **Detailed Lithofacies Descriptions**

#### *Methods*

Fieldwork from June to August 2013 consisted of compiling conglomerate clast compositions, collecting tuff and sandstone samples for geochronologic analyses, and measuring bed-by-bed stratigraphic sections. Maximum particle size (MPS) data were collected from conglomerate beds at 11 locations, totaling 110 measurements (Table B1). Geologic and lithofacies mapping were conducted in areas between Leavenworth and Wenatchee, south of the Wenatchee River, and north of Leavenworth to Pole Ridge (Fig. 4). Ten new measured stratigraphic sections were integrated with paleocurrent measurements, sedimentologic data, and measured stratigraphic sections from Evans (1988) to help identify facies and lithofacies associations. Lithofacies and geologic mapping was also aided by the use of previous geologic maps by Tabor (1982), Evans (1994), and McClincy (1986), aerial photographs from GoogleMaps, a Brunton compass, and handheld GPS unit. The Chumstick Formation was divided into six facies based on grain size, composition, sedimentologic structures, and bed geometries (Table B2). These facies were then grouped into genetically related facies associations based on vertical and lateral relationships with other facies (Table B3). Figure 4 illustrates the distribution of lithofacies associations in the Chumstick basin. New lithofacies associations from this study were combined with the previous lithofacies analyses (Evans, 1988). This helped provide data on areas that were not mapped during this study and supplement areas of overlap. By integrating new data from this study with past work, accurate interpretations of depositional environments are possible.

**Table B1.** Maximum Particle Size of individual conglomerate beds in the Chumstick Formation

Geographic location	Pebble 3.2-6.4 cm	Cobble 6.4 - 12.8 cm		Boulder 25.6 - 51.2 cm		Facies	GPS
<b>East Van Creek (S. end)</b>	0	7	3	0	0	FA 1	
<b>South of Tumwater</b>	0	0	0	8	2	FA1	
<b>Tabors</b>		Clasts > 7 m across				FA1	
<b>Fanglomerate</b>							
<b>Chumstick Hwy</b>	0	0	10	0	0	FA2	
<b>Below the Radio Tower</b>	0	2	4	3	1	FA1	
<b>Clark Canyon</b>	4	5	1	0	0	FA2	
<b>Ranger Road</b>	0	2	6	1	0	FA1	
<b>Ruby Creek</b>	2	3	4	1	0	FA1	
<b>Fairview Canyon</b>	3	2	5	0	0	FA3	
<b>Nahahum Rd 2</b>	4	4	2	0	0	FA3	
<b>East ECFZ</b>	2	7	1	0	0	FA3	

**Table B2.** Alluvial-fluvial lithofacies descriptions. Modified from Evans (1988) and Miall (1997, 1978).

Facies Code	Description	Interpretation
Gb	Boulder-cobble breccia, matrix supported 100% tonalite composition clasts	rock fall and debris-flows on proximal alluvial fan
Gms	Boulder-cobble conglomerate matrix supported, massive	mass-flow, debris-flow
Gmv	Cobble-pebble conglomerate, gravel-pebble matrix matrix-supported, volcanic in composition	volcaniclastic debris to hyperconcentrated flow
G	Boulder-pebble conglomerate clast-supported, gravel matrix	Proximal-medial braided-stream
Gt	trough to planar cross-stratified gravels	fluvial processes, longitudinal gravel bars
Gs	Cobble conglomerate, clast-supported subrounded clasts, clast imbrication thin-interbeds of ripple cross-laminated sands	transverse and longitudinal bars, channel fill
Sm	Massive, coarse- to medium-grained sandstone, sheet-like geometry	Channel fill, sheet floods on medial-distal fan
Sle	Lenticular, medium- to coarse-grained sandstone 1-2 meters thick, scoured base	channel fill in meandering and braided stream systems
St	Trough cross-stratified sandstone, 1-2 meters thick coarse to medium-grained, poorly sorted	three-dimensional dunes
Sp	Planar cross-stratified sandstone poorly sorted	two-dimensional dunes
Sh	Horizontally cross-stratified sandstone, poorly sorted < 0.5 meter thick beds	Crevasse splay, upper plane bed flow
Se	Erosional scour filled with gravel-pebble conglomerate	Scour fills and pits
Sls	1-2 meter-thick planar cross-stratification grades laterally into mudstone	Lateral Accretion Surface
Fl	Silty-sand, horizontally stratified, ripple cross stratified near top	Waning flood flow, overbank deposit, drape deposit
Fm	Silty-mud, organic-rich, massive	Fluvial floodplain or lacustrine deposit
Fb	Mudstone, organic-rich, bioturbated	Floodplain, delta muds
T	tuff	Ash-fall and ash-flow processes

**Table B3.** Descriptions of Lithofacies Associations.

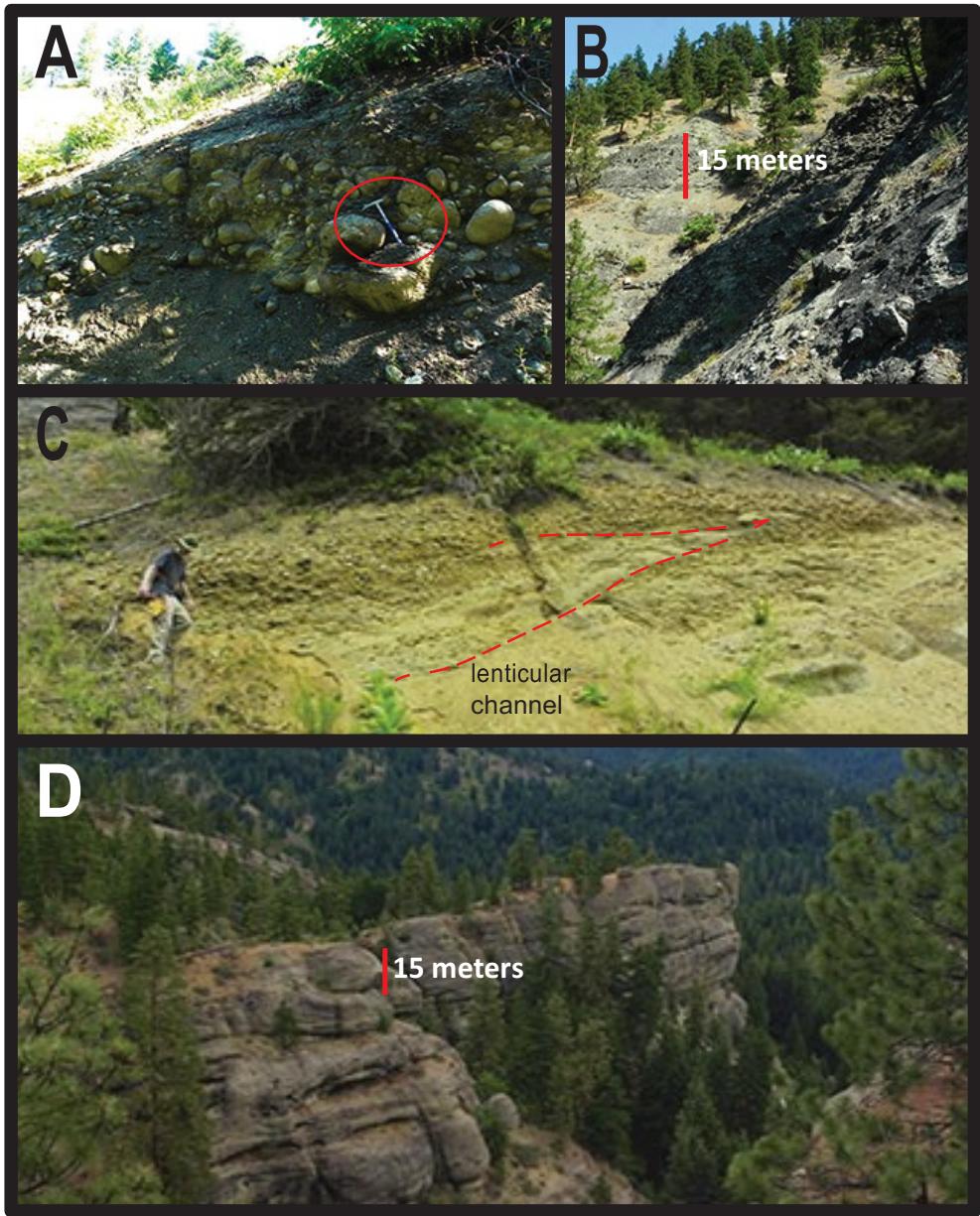
Lithofacies	Facies code	Interpretation
FA1	Gb, Gms, G,	Proximal deposits on a braided stream-dominated alluvial fan. Interbedded debris flow deposits close to basin-bounding faults. Breccias deposited by rock fall and colluvial processes near the head of the alluvial fan system.
FA2	G, Gmv, Gt, Gs, Sle, St, Sh, Se, Fl, T	Fluvial deposits on a braided-stream dominated alluvial slope. Volcaniclastic debris flows overlie tuff layers. Cross-stratified conglomerates and sandstones were deposited by channel flow in transverse and longitudinal bars. Mudstones represent overbank and waning flood flow deposits.
FA3	G, Gs, Sm, St, Fl	Fluvial deposits on a braided-stream dominated alluvial slope. Conglomerates and sandstones deposited by sheet-floods on the medial to proximal part of the alluvial slope. Thin mudstones deposited by waning flood flow.
FA4	Sle, Sh, Se, Sls, Fl, Fm	Meandering stream system on the fan fringe and along the basin axis
FA5	Sle, Se, Fl, Fm, Fb	Deltaic and lacustrine deposits
FA6	Fm, Fl	Dominantly lacustrine, minor deltaic deposits

## Lithofacies Association 1: Boulder to pebble-cobble conglomerate

### *Description*

In the southern part of the Chumstick basin, conglomerates beds of FA1 parallel the LFZ in a linear ridge that is ~15-20 km long (Fig. 4). FA1 is characterized by clast-supported, poorly sorted, structureless pebble-cobble conglomerate. Beds average ~3-4 m in thickness, with the maximum thickness of 7 meters for one bed, and are scoured at the base. Clasts are subrounded to rounded and dominantly cobble-sized and have boulder outsized clasts (Table B1). There is, however, a significant increase in cobble-pebble conglomerate east from the LFZ, and an increase in cobble-boulder conglomerate west towards the LFZ. The matrix is a very coarse to gravel arkosic sand. Gravel and sandstone grains are subangular to subrounded and are poorly sorted.

In the central to north part of the Chumstick basin near Leavenworth, FA1 is characterized by clast- to matrix-supported, poorly sorted, massive cobble-boulder conglomerate. Conglomerate beds are on average up to 6-8 m thick with a maximum thickness of 10-11 m. Clasts are subrounded to subangular and contain boulder-outsized clasts in pebble-cobble conglomerate (Fig. B1). The matrix consists of gravel- and pebble-sized arkose. The bases of conglomerate beds are commonly scoured, mostly at the base of matrix-supported conglomerate beds. Rare sandstone is interbedded within FA1 in both the north and south part of the basin. Sandstone beds are 0.3-0.5 m thick, lenticular, and pinch out laterally between 4 and 6 m. Gravel-pebble conglomerates are interbedded throughout sandstone beds. Sandstones are organic-rich, and contain fragmented and disseminated pieces of leaves and bark.



**Figure B1.** Representative photographs of coarse-grained conglomerates of Lithofacies Association 1 (FA1) in the western subbasin (A-B) and eastern subbasin (C-D). **(A)** Photograph shows massive, boulder conglomerate exposed along the LFZ at Tumwater Campground. The conglomerate contains sub-angular to sub-rounded clasts and is poorly sorted. Note rock hammer for scale. **(B)** Massive amalgamated beds of cobble-boulder conglomerate exposed at the Radio Tower Section. **(C)** Cobble conglomerate interbedded with thin, lenticular sandstone. This is the location for the conglomerate clast count (VC2) along East Van Creek. Massive, pebble-cobble conglomerate interbedded with very coarse to gravelly sandstone. **(D)** Conglomerate beds are approximately 4-5 meters thick, interbedded with 1-2 meter thick sandstone.

The percentage of sandstone increases east of the LFZ. Lenticular coarse to gravel sandstones contain interbedded pebble conglomerates and are spaced approximately 4 m apart, separated by sandy pebble conglomerates. Fining-upwards sequences also become more common and grade from pebble conglomerates to a medium-grained sandstone over 1-1.5 m. This increase in sandstone represents the gradational contact between Lithofacies Association 1 and Lithofacies Association 2. A gradational contact suggests that deposition continued without sign of erosion. Representative photos of FA1 are shown in Figure B1.

In the eastern subbasin, FA1 conglomerates are exposed in a linear ridge that borders the Entiat fault zone (Fig. 2). Along Van Creek, structureless beds of clast-supported, pebble-cobble conglomerate contain well-rounded and poorly sorted clasts (Fig. B2). Locally, conglomerates can also be finer grained, with clast sizes on average between gravel and pebble (Table B1). Conglomerate beds are regularly scoured at the base. Conglomerates of FA1 in the eastern subbasin are also interbedded with coarse-gravel sandstones more commonly than conglomerates in the western subbasin. Sandstone and conglomerates are interbedded approximately every 1-2 meters. Sandstone beds are lenticular, 0.5-1 m thick, and are trough cross-stratified with 5-10 cm thick pebble conglomerate commonly interbedded every 15-20 cm. Sandstones are organic rich, and contain fragments of bark and leaves. Due to the limited access to property and thick cover from dense forests, exposures immediately adjacent to the EFZ were not located. It is likely, however, that closer to the EFZ, the conglomerate beds have a greater thickness and are coarse-grained (cobble-boulder conglomerate).

#### *Interpretation*

Conglomerates and minor sandstones of FA1 were deposited by alluvial processes, high-energy streamflow, and debris flows on steep gradient, stream-dominated, humid alluvial fans.

Massive, thick packages of clast-supported conglomerates interbedded with coarse-gravel sandstones represent deposition by braided stream processes on the proximal reach of the alluvial fan system (Blair and McPherson, 1999). Lesser interbeds of matrix-supported conglomerates, representing deposition by debris-flow processes, further support deposition on the proximal reach of the alluvial slope. These conglomerate beds are consistent with being deposited as a single mass by a debris-flow (Pierson, 1980). Although the conglomerate beds do not display reverse grading, the disorganized fabric and lack of grading of subangular clasts further supports deposition by a debris flow (Nemec and Postma, 1995). Scours at the base of these conglomerate packages represent the erosive contact that distinguish debris-flow events from each other and also braided stream deposits. Interbeds of matrix-supported conglomerates are restricted to the westernmost deposits along the LFZ. Furthermore, local exposures of breccia along the LFZ represent rockfall/rock slide processes at the head of the alluvial fan (Evans, 1994). They were likely deposited as talus, and accumulated close to the steep paleorelief, where sediments were sourced to the basin (Collinson, 1986).

Over a distance of ~10-20 m, boulder conglomerates grade laterally into massive, clast-supported, cobble to cobble-pebble conglomerates. Scours at the base of clast-supported conglomerate packages represent the erosive contact that resulted from the high frequency of avulsing channels within the braided-stream system (Best and Bristow, 1993). The general lack of fining upwards sequences and upsection transitions to thick sections of mudstone, in combination with overall poor sorting of conglomerates and sandstones, indicate a proximal alluvial fan system versus deposition on the distal and medial parts of an alluvial plain (Blair and McPherson, 1999). As shown by the map pattern in Figure 4, FA1 is mapped as a linear ridge that parallels the LFZ. Sedimentologic data from this study, combined with previous

paleocurrent and lithofacies mapping by Evans (1988), supports the interpretation that the sediments of FA1 were deposited by a series of steep alluvial-fluvial fans that formed coevally with right-lateral movement along the LFZ. Fining of sediments towards the center of the basin (east of the LFZ), from boulder breccias to cobble conglomerates interbedded with cross-stratified sandstones, demonstrates the rapid shift in facies from the basin boundary towards the basin-axis (Fig. 4).



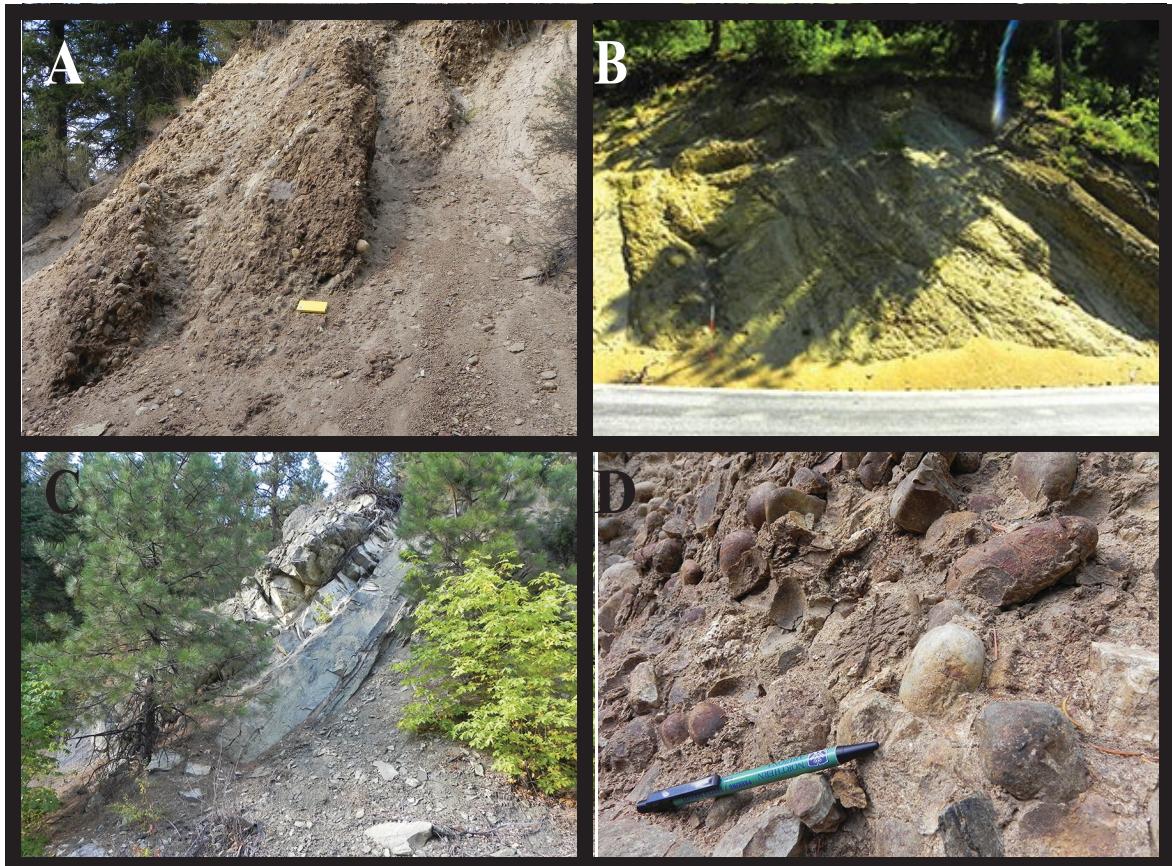
**Figure B2.** Representative photographs of Lithofacies Association 1 along Van Creek in the eastern Chumstick subbasin. (A) Shows massive, pebble-cobble conglomerate interbedded with very coarse to gravelly sandstone. Conglomerate beds are approximately 4-5 meters thick and are interbedded with 1-2 meter thick sandstone. (B) Cobble conglomerate interbedded with thin, lenticular sandstone. This is the location for the conglomerate clast count along Van Creek.

## **Lithofacies Association 2: Pebble-cobble conglomerate and sandstone**

### *Description*

Lithofacies association 2 (FA2) is characterized by pebble-cobble conglomerates interbedded with coarse- to medium-grained arkosic sandstones. Along Clark Canyon, massive clast-supported conglomerate beds are 3-4 m thick, but can be up to 6-8 m thick. The conglomerates have well rounded to subrounded pebble clasts and subangular cobble clasts (Table B1). In some locations, there are thin 0.3 m lenses of siltstone overlying conglomerate beds. Pebble conglomerates are 1-2 m thick and are interbedded with very coarse to coarse sandstone. Thin interbeds of pebble conglomerate are interbedded with coarse- to very coarse-grained sandstone every 0.2-0.3 m (Fig. B3). The interbedded sandstone beds commonly have pebble lags at the base and interbedded throughout the bed itself. There is also a high abundance of gravelly sandstones to matrix-supported conglomerates with outsized cobble clasts that are interbedded with sandstone and conglomerate beds. These conglomerate beds are rich in volcanic material, such as pumice, tuffs, and basalt (Donaghy, 2015).

Coarse- to very coarse-grained sandstone beds are 3-5 m thick, arkosic, and are cross-and horizontally stratified. Sandstone beds are sheet-like, commonly form ridges, and are laterally continuous for tens of meters. The sandstone grains are subangular to subrounded with large 1-cm micas and are poorly sorted. Interbeds of finer siltstones and mudstones are less frequent and commonly centimeters-thick between sandstone beds. However, locally, mudstone and siltstone beds are meters thick.



**Figure B3.** Representative photographs of conglomerate and sandstone beds of Lithofacies Association 2 (FA2) (A-D). (A) 1-2 meter-thick beds of pebble-cobble conglomerate exposed along Clark Canyon interbedded with < 1 meter-thick, lenticular sandstone beds. Note field notebook for scale. (B) Interbeds of 0.5-1.5 meter-thick pebble-cobble conglomerate with lenticular sandstones. Note Jacob staff circled in red in lower left corner. (C) 1-1.5 meter-thick tuff bed exposed along Clark Canyon. It is underlain by a reworked tuffaceous sandstone and mudstone and overlain by a volcaniclastic debris flow. (D) Close-up photograph of well-rounded to sub-rounded pebble clasts in conglomerates exposed along Clark Canyon.

Fining-upwards sequences, approximately 2-3 m thick, occur from horizontally laminated sandstones to siltstone. Commonly, there are also fining-upwards sequences from the pebble conglomerate to coarse sandstone. The sandstones commonly have pebble to cobble outsized clasts and are very coarse-grained with interbedded 1.5 m thick pebble conglomerate lenses.

Interbedded within FA2 are 8-9 tuffs that range from centimeters to a couple meters thick (McClincy, 1986). The tuffs are interbedded with organic-rich mudstone and siltstone, and

usually capped by 4-5 m thick arkosic sandstone. Matrix-supported, pebble conglomerates are interbedded with the tuff-rich section of FA2, and usually directly overlie tuff beds that are greater than 1 meter thick (i.e. Eagle Creek tuff, Clark Canyon 2 tuff). Clasts are dominated by volcanic material, and are subrounded to subangular (Fig. 5).

#### *Interpretation*

Poorly sorted sandstones and pebble-boulder conglomerates of FA2 were deposited on the proximal to medial parts of an alluvial-fluvial fan system (Blair and McPherson, 1999; Nemec and Postma, 1995). Both FA1 and FA2 contain texturally immature sandstones with angular grains, suggesting sediment was deposited close to the source. The main differences between FA1 and FA2 are that FA2 is finer-grained, clasts are better sorted and more rounded, and beds are better organized and contain more sedimentary structures and facies (Table B3). These features suggest an increased transport distance from the source, and deposition on medial parts of the same humid, alluvial-fluvial fan where strata of FA1 were deposited (Saito and Oguchi, 2005).

Massive packages of clast-supported conglomerates interbedded with coarse-gravel sandstones represent deposition by braided stream processes on the alluvial fan (Allen, 1982; Blair and McPherson, 1999). Bar deposition on the upper to medial part of the fan is dominated by sheet bars, which are recorded in the sedimentary record as 1-2 m thick coarse gravel deposits interbedded with 0.2-0.4 m planar cross stratified sands and lenticular medium-fine gravel deposits ~0.5 m thick (Collinson and Lewin, 1983; Smith and Rogers, 1999). Extremely rare interbeds of matrix-supported conglomerate support deposition by a single-mass flow, such as a hyperconcentrated to debris flow (Pierson, 1980; Smith and Rogers, 1999). Sandstone and mudstone represent migrating sandy channels within the braided stream system and deposition

by channel and waning-flow processes (Smith and Rogers, 1999). Interbedded tuffs, tuffaceous sandstones, and volcanic-rich matrix-supported conglomerates indicate that sediments of FA2 were deposited during an interval of increased volcanic activity (Fisher and Smith, 1991). Matrix-supported pebble-cobble conglomerates that are interbedded with gravelly sandstones were deposited by intermittent debris flows on the medial part of an alluvial-fluvial fan system (Blair and McPherson, 1999). Compared to FA1, debris-flow deposits are thinner and finer-grained. Furthermore, they are less commonly interbedded with other strata of FA2.

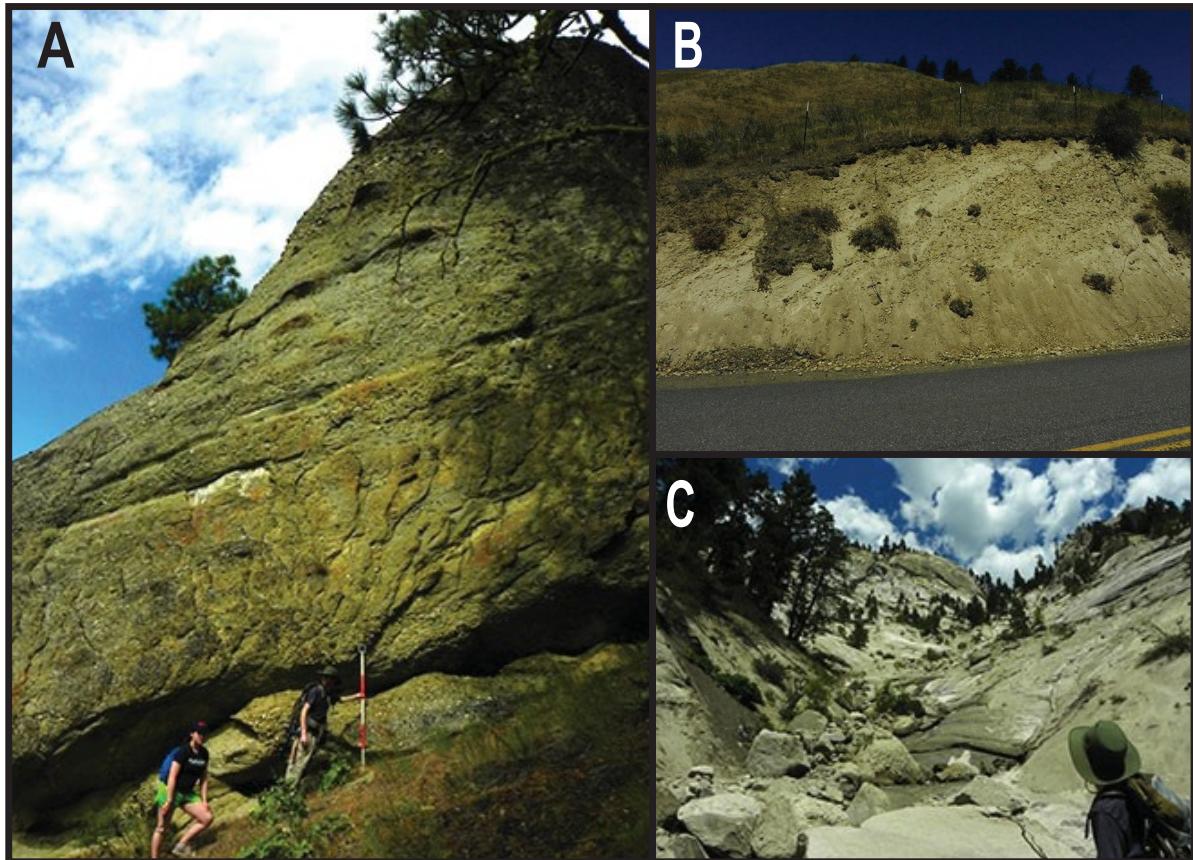
### **Lithofacies Association 3: Sandy conglomerate and minor mudstone**

#### *Description*

Sandy conglomerates with minor interbedded mudstones make up lithofacies association 3 (FA3). In the central part of the basin near Tumwater Mountain, pebble conglomerates are 1.5 m thick with cobble outsized clasts and are interbedded with gravel sandstones. Pebble lags within the interbedded gravel sandstones and 1-2 m thick intervals of mudstone. Arkose sandstone beds contain subangular grains, and are poorly sorted. Sandstones are 1-3 m thick, coarse-grained, and cross-stratified (Fig. B4). The sandstones are in equal proportion to the gravelly-pebble, clast-supported conglomerates.

In the south-central part of the basin near Camas Land, FA3 is characterized by sandy-conglomerates interbedded with 1-3 m thick sandstone and minor mudstone. Massive sandstones and conglomerates have sheet-like bed geometries and are 2-3 m thick (Fig. B4). Pebble-cobble conglomerates are 1-2 m thick and have 0.5 m interbeds of trough cross-stratified medium sandstones. Sandstones are very coarse- to gravel-sized with horizontal cross-stratification. There are pebble lags regularly interbedded every half meter within sandstone

beds. In finer parts of the section, sandstones are medium- to coarse-grained and exhibit 0.6 m thick trough cross-stratification. Sandstones are organic-rich and contain 8-10 cm fragments of bark and leaves.



**Figure B4.** Representative photos of conglomerates and sandstones of Lithofacies Association 3 (FA3) (A-C). (A) This photograph shows amalgamated beds of pebble-cobble conglomerate interbedded with sandy conglomerates along Van Creek. Bed geometries are sheet-like and the base of conglomerate beds may be scoured, as highlighted in red. Note the Jacob staff for scale. (B) Interbeds of pebble-cobble conglomerate and very coarse sandstone along the Nahahum Canyon Road. (C) Amalgamated beds, up to 10-15 meters thick, of pebble-cobble conglomerate with sandy conglomerates at Camas Land.

#### *Interpretation*

Lithofacies Association 3 is the finer-grained equivalent to FA2 and represents the distal part of the alluvial-fluvial fan system as it grades into a meandering stream system. FA2

conglomerates laterally grade into FA3 strata, suggesting that strata were deposited coeval with each other in the same stream-dominated alluvial system. Gravels and sandy conglomerates represent deposition in fluvial channels as part of a sandy braided stream system and likely represent coarser bar head gravels (Smith and Rogers, 1999; Best and Bristow, 1993). As explained in previous interpretations for FA1 and FA2, interbedded pebble conglomerates and gravels could represent longitudinal and transverse bars, but are finer-grained due to their more distal location on the alluvial fan. The abundance of fining-upwards sequences represents frequent lateral channel migration and channel avulsion within the stream system. Isolated, lenticular sandstones interbedded with 2-3 m thick mudstones suggest that channel sinuosity was better developed in a lower-energy environment (Allen, 1982; Smith and Rogers, 1999). Thin layers of conglomerate at the base of lenticular sandstones represent pebble-cobble channel lags deposited by bedload processes prior to lateral channel migration. However, the presence of sheet-like bodies of pebble conglomerates and gravelly sands indicate that sediments deposited by sheet-floods were still reaching this region of the alluvial fan system (Blair and McPherson, 1999). The increased percentage of mudstone present in this lithofacies supports that deposition was on the distal parts of the alluvial-fluvial fan system. Horizontally laminated, organic-rich mudstones were deposited by waning-flow processes following channel migration and in the floodplains between sinuous sandy channels that developed near the toe of the alluvial fan (Collinson, 1986; Smith and Rogers, 1999).

## **Lithofacies Association 4: Lenticular sandstone and mudstone**

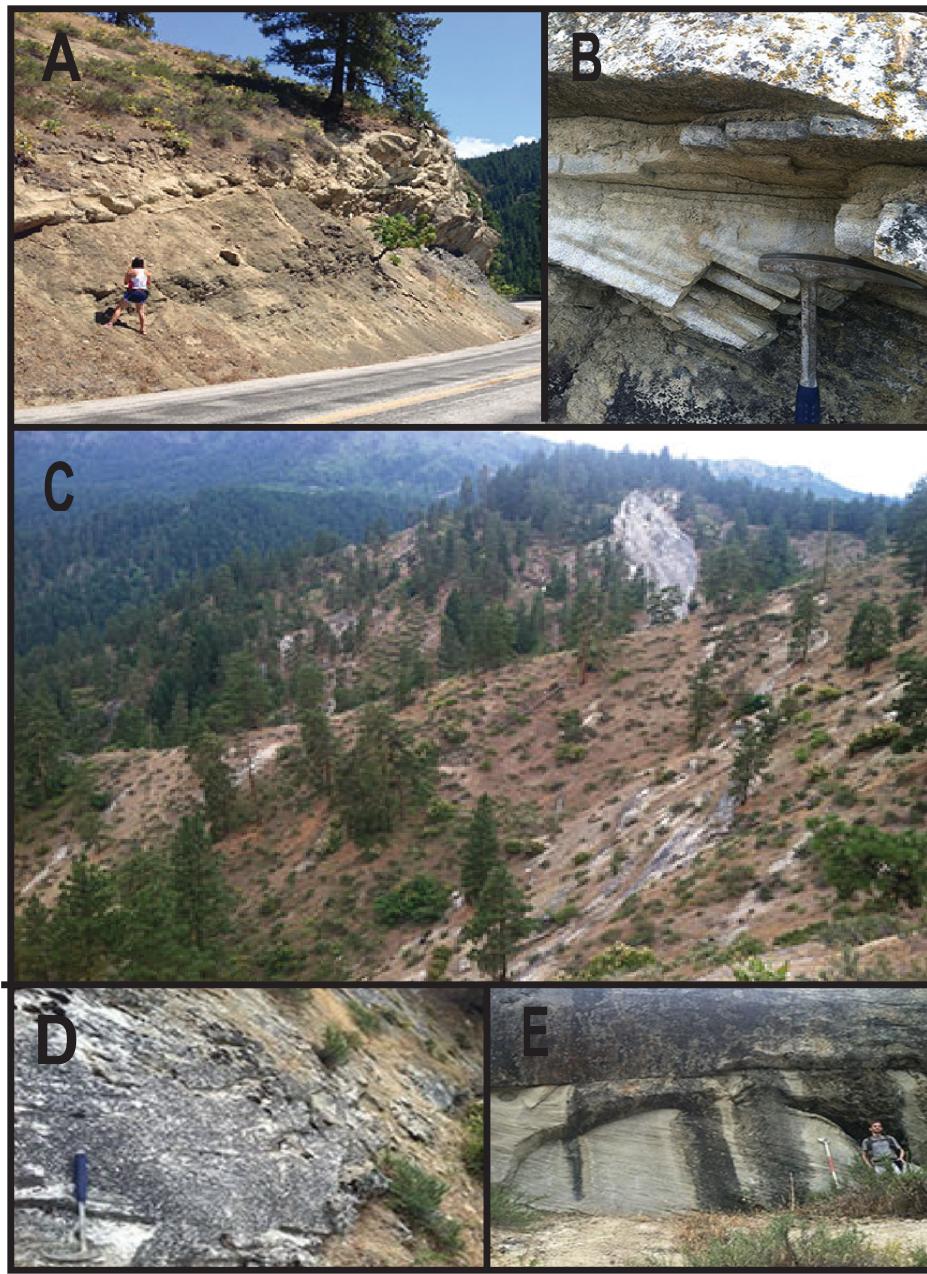
### *Description*

Interbedded lenticular, channelized sandstones with organic-rich mudstones characterize Lithofacies Association 4 (FA4). FA4 is characterized by ~4 m thick, white-weathering ridges of coarse-grained arkosic sandstone (Fig. B5). The beds appear massive, but are difficult to trace to the north and south due to dense forest cover. This suggests that beds are likely lenticular, pinching out over a lateral distance of 10's of meters. Sandstone beds are separated by thick sections of organic-rich mudstone that is interbedded with medium- to fine-grained sandstones. Mudstone sections are 8-10 m thick, horizontally laminated, and contain well-preserved leaf and bark fossils. Thin interbeds of fine-grained sandstone are 0.25-0.5 m thick near the base of mudstone sections and uncommonly interbedded throughout. Fining upwards sequences are common as well as minor interbedded < 1 m thick pebble conglomerates. These sandstones grade from coarse sandstone/pebble lag at the base to gravel overlain by medium-coarse-grained sandstones. Within the sandstone beds, there is 0.4 m thick trough/planar cross stratification.

### *Interpretation*

Sandstone and conglomerate beds of Lithofacies Association 4 represent deposition by a bed-load and suspension-load processes within a meandering stream system. Organic-rich mudstones are present in 9-10 m intervals and separate the isolated, lenticular sandy channels. The greater proportion of mudstone to sandstone in FA4 is highly indicative of a depositional environment that is lower energy than FA1-FA3. The mudstone and siltstones represent the floodplain deposits that surround individual sandy channels. The overall geometry of sandstone channels varies from ribbons to sheets, depending on the location in reference to basin margins. Channel sands are typically trough cross-stratified and contain pebbly sandstones near the base.

Horizontally cross-stratified sandstones are also present along with massive coarse-grained sandstones, but are subordinate to lenticular, trough-cross stratified sandstones.



**Figure B5.** Representative photographs of key characteristics and sedimentologic structures of Lithofacies Association 4 (FA4). (A) 1-2 meter thick lenticular sandstone bed encased in organic-rich mudstone along the Chumstick Highway at Plain Pass. (B) Planar cross-stratification of sandstone beds exposed at the Ski Hill. (C) Photograph taken looking west along the Ski Hill. Note lenticular sandstone beds are difficult to trace laterally and are encased in

thick covered sections (mudstone). (D) Lenticular sandstone bed pinching out along strike at the Ski Hill section. Note rock hammer for scale. (E) Lateral accretion surface near the top of the Ski Hill Measured section. Note Jacob staff for scale.

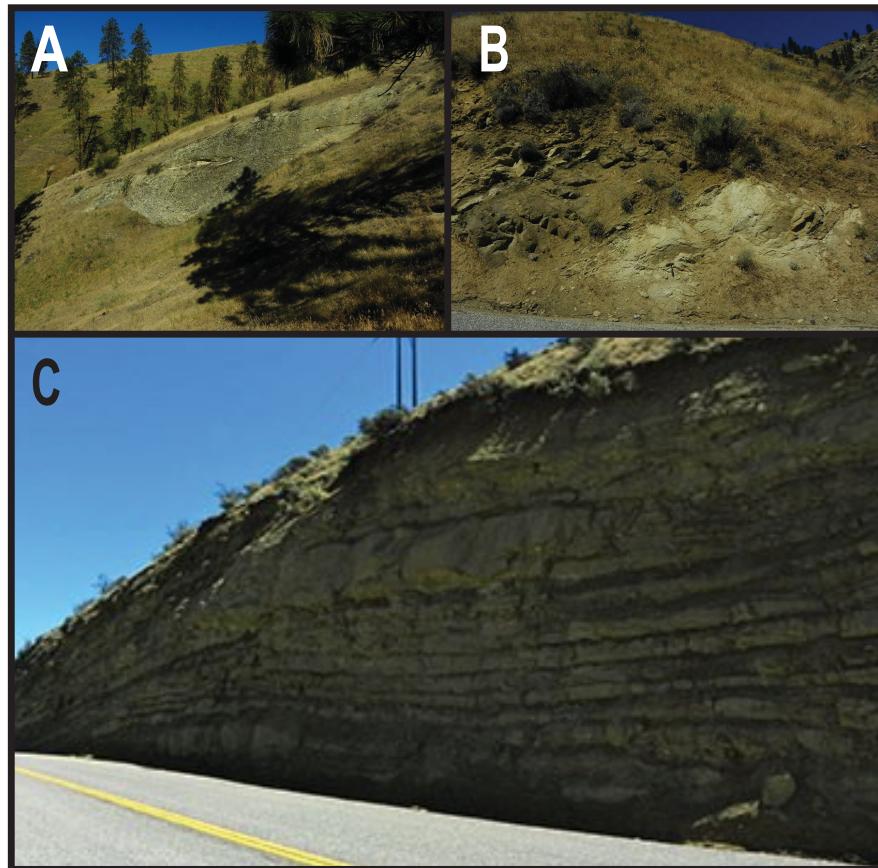
In meandering stream systems, channel sequences typically form long, ribbon-like bodies of sands within thick sequences of shales. The sandstone channels tend to be scattered randomly throughout the mudstone, depending on where the stream system avulsed during deposition (Smith and Rogers, 1999; Blum *et al.*, 2005). There are fining-upwards sequences from basal channel-lag gravels to the sandy point-bar sequence of plane beds, trough cross beds, and ripples. Planar cross-stratified sandstones represent 2-D dunes and transverse bars (Harms *et al.*, 1982). Unlike in a braided system, meandering streams have a much higher percent of finer-grained sediments and laminated muds that composed oxbow lakes, the floodplain naturally levels, and crevasse splays (Reading, 1996).

### **Lithofacies Association 5: Cross-stratified sandstone and mudstone**

#### *Description*

Thin 0.5- to 1-m interbeds of cross-stratified sandstones and organic-rich, horizontally laminated mudstone characterize the strata of Lithofacies Association 5 (FA5). Sandstone interbeds contain planar, low-angle, and horizontal cross-stratification. Minor trough cross-stratified sandstones occur as 1-1.5 m thick, lenses. There are also minor ripple cross-stratified siltstones and fine-grained sandstones (Fig. B6). All sandstones are moderately to well sorted, contain subrounded to rounded grains, and are arkosic. Asymmetric and symmetric ripples characterize some siltstones and mudstones, along with minor occurrences of mudcracks. Fine-grained sandstones and mudstones are highly bioturbated with skolithos like traces (Evans, 1988). Mudstone sections are 2-3 m thick, horizontally laminated, and contain well-preserved bark and leaf fossils. Fining upwards sequences grade from medium-grained sandstones to

mudstones. Many fining-upwards sections, ranging from 1 to 2 m thick, are present at both the Monitor and Malaga section (Evans, 1988). Furthermore, soft-sediment deformation structures, such as flame structures and convolute bedding are also common in FA5 (Evans, 1988).



**Figure B6.** Representative photographs of sandstone and mudstone beds of Lithofacies Association 5 (FA5). (A) Photograph taken of lenticular sandstone bed encased in a thick covered section (mudstone) along Yaksum Canyon. Sandstone contains a gravel-pebble conglomerate along the scoured base. (B) Photograph showing thin interbeds of organic-rich mudstone and sandstone along Nahahum Canyon Road. (C) Multistory channel complex at the top of the Monitor Measured section. Organic-rich mudstones are bioturbated and interbedded with lenticular, cross-stratified sandstone.

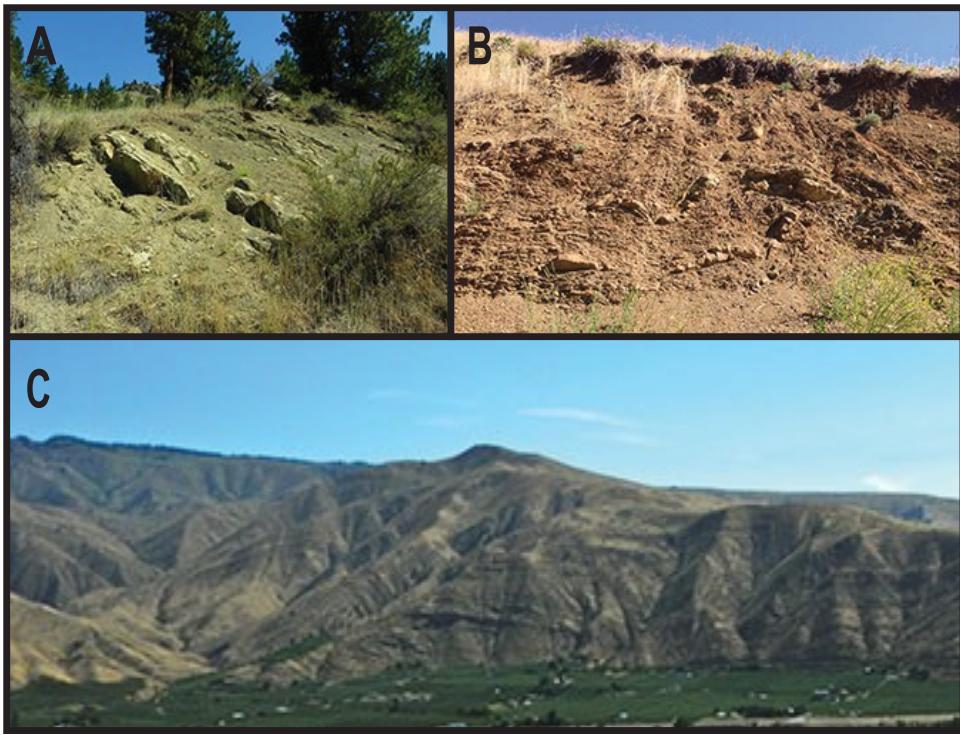
### *Interpretation*

Sandstone and mudstone beds of FA5 were deposited in deltaic and lacustrine environments by low to moderate energy processes (Evans, 1988). Massive, organic-rich sections of mudstone are horizontally laminated and represent deposition by lacustrine processes. The amalgamated stacked multichannel complex story contains 1-2 m thick individual sandy channels and distributary sandstones tend to display small cross-beds and ripple marks while levee mudstones contain mudcracks. Prodelta mudstones are finely laminated, unless they are bioturbated, with occasional sandy layers that may represent slumping. Sandstone channels can also be isolated and are separated by mudstones and thin-bedded turbidite deposits. Turbidite deposits reflect the classic Bouma sequence, which is on average < 1 m thick. This is consistent with modern lake environments where margins of the lakes have fluvial sands with crossbeds and ripples (Reading, 1996).

## **Lithofacies Association 6: Mudstone**

### *Description*

Finely laminated mudstones beds are on average between 10 and 15 m thick and commonly represented as covered intervals. Fine-grained sandstones interbeds are rare, and are either trough cross-stratified or horizontally stratified. They tend to be 0.5 to 1 m thick, with a maximum bed thickness of 2 m (Fig. B7). Locally, <1 m thick fining-upwards sequences contain planar stratified, fine-grained sandstones grading up to ripple-stratified sandstones to a finely laminated mudstone. Sandstones are moderately- to well-sorted and sandstone grains are subrounded to rounded. Both sandstone and mudstone beds are organic-rich, containing a high abundance of well-preserved leaf and bark fragments.



**Figure B7.** Representative photographs of mudstone and sandstone beds that characterize Lithofacies Association 6 (FA6). **(A)** 3-4 meter thick beds of organic-rich mudstones interbedded with 0.5-1 meter thick lenticular sandstone along Eagle Creek Road, east of the ECFZ. **(B)** Deformed mudstone beds immediately east of the ECFZ. **(C)** Photo taken from Yaksum Canyon looking north towards the eastern subbasin. Low hills in the eastern subbasin are mapped as dominantly FA6 and FA5. See Figure 5 for the lithofacies distribution map.

#### *Interpretation*

Lithofacies Association 6 was deposited dominantly by lacustrine processes, with minor influence from meandering stream and deltaic processes. As stated above for the interpretation of Lithofacies Association 5, ripple and trough cross-stratified sandstones possibly represent small deltaic deposits and turbidite sequences derived from the lake margins (Evans, 1994). Thick organic-rich overbank and floodplain deposits are also common in meandering stream systems that form along the basin axis. Therefore, it is possible that mudstone and sandstone beds of FA5 and FA6 were deposited by meandering stream systems. In Evans (1988) Deadhorse Member, strata of FA6 show no relationship to basin-bounding faults.

## C. Conglomerate Clast Count Raw data

**Table C1.** Raw data from conglomerate clast counts in the lower-upper Chumstick Formation.

Raw	Lower Tc						Lowermost part of Upper Tc		
	RHT*	FVC	NR2	SH~	DG~	MSK~	CC	MCR	CHR
<b>Felsic-Intermediate Plutonics</b>									
1. Granodiorite	0	0	0	0	0	0	0	0	0
2. Tonalite	0	3	17	50	50	50	8	7	27
3. Foliated tonalite	0	3	25	0	0	0	9	0	10
4. Quartz diorite to tonalite	0	6	8	0	0	0	0	0	5
5. Diorite	0	0	3	0	0	0	6	5	2
<b>Total</b>	<b>0</b>	<b>9</b>	<b>53</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>23</b>	<b>12</b>	<b>44</b>
<b>Mafic Plutonics</b>									
1. Pyroxene-rich gabbro	0	0	0	0	0	0	0	0	0
2. Gabbro	0	0	8	0	0	0	0	2	9
3. Gabbro	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>9</b>
<b>Intermediate Volcanics</b>									
1. Igneous dike	0	2	0	0	0	0	6	0	0
2. Igneous dike	0	0	0	0	0	0	7	24	5
3. Igneous dike	0	0	0	0	0	0	0	0	0
4. Rhyodacite	0	0	0	0	0	0	4	5	17
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>29</b>	<b>22</b>

**Table C1.** Raw data from conglomerate clast counts in the lower-upper Chumstick Formation.

Raw	Lower Tc						Lowermost part of Upper Tc		
	RHT*	FVC	NR2	SH~	DG~	MSK~	CC	MCR	CHR
<b>Metamorphics</b>									
1. Gneiss	6	9	40	0	0	0	2	3	11
2. Muscovite-rich Gneiss	0	0	0	0	0	0	1	0	3
3. Amphibolite	0	0	0	0	0	0	0	0	0
4. Schist	0	0	7	0	0	0	0	0	1
5. Schist	7	0	8	0	0	0	0	0	0
6. Schist	0	0	0	0	0	0	0	0	1
7. Banded schist	4	0	0	0	0	0	0	0	0
8. Banded gneiss	0	0	0	0	0	0	0	0	0
9. Quartzite	0	2	0	0	0	0	2	2	8
10. Quartzite	0	0	0	0	0	0	0	0	0
11. Serpentinite	17	0	0	0	0	0	0	0	0
<b>Total</b>	<b>34</b>	<b>11</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>24</b>
<b>Other</b>									
1. Vein quartz	19	12	1	0	0	0	0	0	0
2. Sedimentary lithic	0	0	0	0	0	0	0	7	5
3. Volcanic lithic	0	0	4	0	0	0	0	2	2
4. Greenstone	0	0	0	0	0	0	0	0	0
5. Pegmatite	0	0	0	0	0	0	0	0	0
6. Chert	37	0	0	0	0	0	0	0	0
<b>Total</b>	<b>56</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>7</b>
<b>Total Clasts</b>	<b>90</b>	<b>34</b>	<b>121</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>45</b>	<b>57</b>	<b>106</b>

\*Indicates unknown stratigraphic location. ~Indicates samples from LaCasse (2013). Abbreviations: RHT = Red Hill Trailhead; FVC = Fairview Canyon; NR2 = Nahahum Road; SH = South Highway; DG = Devils Gulch; MSK = Mission Ridge Ski Hill; CC = Clark Canyon; MCR = Merry Canyon Road; CHR = Chumstick Highway Railroad

**Table C2.** Raw data from conglomerate clast counts in the upper Chumstick Formation.

Raw	<i>Upper Chumstick Formation</i>			
	BRT	RR	STW	RC*
<b>Felsic-Intermediate Plutonics</b>				
1. Granodiorite	0	1	3	9
2. Tonalite	15	12	14	0
3. Foliated tonalite	27	14	14	6
4. Quartz diorite to tonalite	6	0	3	0
5. Diorite	0	0	6	0
<b>Total</b>	<b>48</b>	<b>27</b>	<b>40</b>	<b>15</b>
<b>Mafic Plutonics</b>				
1. Pyroxene-rich gabbro	0	0	0	0
2. Gabbro	0	0	0	18
3. Gabbro	0	0	0	11
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>
<b>Intermediate Volcanics</b>				
1. Igneous dike	0	0	0	0
2. Igneous dike	0	0	5	0
3. Igneous dike	0	0	0	0
4. Rhyodacite	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>
<b>Metamorphics</b>				
1. Gneiss	0	0	2	0
2. Muscovite-rich Gneiss	5	6	9	2
3. Amphibolite	0	0	0	0
4. Schist	32	2	16	4
5. Schist	9	8	3	0
6. Schist	0	0	13	0
7. Banded schist	8	6	11	0
8. Banded gneiss	0	0	0	0
9. Quartzite	9	0	0	0
10. Quartzite	0	0	0	0
11. Serpentinite	0	0	0	6
<b>Total</b>	<b>63</b>	<b>22</b>	<b>54</b>	<b>12</b>
<b>Other</b>				
1. Vein quartz	0	2	3	0
2. Sedimentary lithic	0	0	0	0
3. Volcanic lithic	0	0	0	0
4. Greenstone	1	2	0	0
5. Pegmatite	0	0	0	0
6. Chert	0	0	0	0
<b>Total</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>0</b>
<b>Total Clasts</b>	<b>112</b>	<b>53</b>	<b>102</b>	<b>56</b>

\*Stratigraphic position unknown. Abbreviations: BRT = Below Radio Tower; RR = Ranger Road; STW = South Tumwater; RC = Ruby Creek

**Table C3.** Raw conglomerate clast data from the Nahahum Member

	Nahahum Member				Deadhorse Mbr.	
	EVC1	EVC2	NENR	EECF	*DFP	*F
<b>Raw</b>						
<b>Felsic-Intermediate Plutonics</b>						
1. Granodiorite	0	0	7	2	3	0
2. Tonalite	2	5	35	7	0	25
3. Foliated tonalite	0	0	0	0	4	0
4. Quartz diorite to tonalite	0	0	0	0	0	0
5. Diorite	0	0	11	7	0	0
<b>Total</b>	<b>2</b>	<b>5</b>	<b>53</b>	<b>16</b>	<b>7</b>	<b>25</b>
<b>Mafic Plutonics</b>						
1. Pyroxene-rich gabbro	1	0	0	0	9	0
2. Gabbro	0	0	2	17	3	0
3. Gabbro	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>17</b>	<b>12</b>	<b>0</b>
<b>Mafic-Intermediate Volcanics</b>						
1. Igneous dike	7	0	0	0	0	0
2. Igneous dike	0	6	5	2	0	0
3. Igneous dike	0	0	0	0	0	0
4. Rhyodacite	3	2	28	5	17	0
<b>Total</b>	<b>10</b>	<b>8</b>	<b>33</b>	<b>7</b>	<b>17</b>	<b>0</b>

**Table C3.** Raw conglomerate clast data from the Nahahum Member

	Nahahum Member				Deadhorse Mbr.	
	EVC1	EVC2	NENR	EECF	*DFP	*F
<b>Raw</b>						
<b>Metamorphics</b>						
1. Gneiss	11	38	18	26	0	0
2. Muscovite-rich Gneiss	3	0	0	0	4	0
3. Amphibolite	6	17	6	7	5	0
4. Schist	0	12	8	5	0	2
5. Schist	0	0	0	0	0	0
6. Schist	0	0	0	0	0	3
7. Banded schist	0	0	7	2	0	0
8. Banded gneiss	0	0	2	0	0	0
9. Quartzite	0	5	0	32	0	0
10. Quartzite	12	10	2	0	0	0
11. Serpentinite	0	0	0	0	0	0
<b>Total</b>	<b>32</b>	<b>82</b>	<b>43</b>	<b>72</b>	<b>9</b>	<b>5</b>
<b>Other</b>						
1. Vein quartz	2	14	9	0	0	0
2. Sedimentary lithic	0	0	3	4	0	0
3. Volcanic lithic	0	0	3	6	0	0
4. Greenstone	0	0	0	0	0	0
5. Pegmatite	0	0	0	4	0	0
6. Chert	0	0	0	0	0	0
<b>Total</b>	<b>2</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>0</b>	<b>0</b>
<b>Total Clasts</b>	47	109	146	126	45	30

\*Indicates stratigraphic position unknown. Abbreviations: EVC1 = East Van Creek 1; EVC2 = East Van Creek 2; NENR = Northeast Nahahum Road; EECF = East of Eagle Creek fault; DFP = Dirty Face pluton; F = Fanglomerate

**Table C4.** Summary of conglomerate detrital modes in the lower to upper Clark Canyon Member.

Recalculated	RHT*	FVC	Lower Tc				Lowermost part of Upper Tc		
			NR2	SH~	DG~	MSK~	CC	MCR	CHR
% Felsic-Intermediate Plutonic	0.0	26.5	43.8	100.0	100.0	100.0	51.1	21.1	41.5
% Mafic Plutonic	0.0	0.0	6.6	0.0	0.0	0.0	0.0	3.5	8.5
% Intermediate Volcanic	0.0	8.0	0.0	0.0	0.0	0.0	37.8	50.9	20.8
% Metamorphic	37.8	32.4	45.5	0.0	0.0	0.0	11.1	8.8	22.6
% Other	62.2	35.3	4.1	0.0	0.0	0.0	0.0	15.8	6.6

\*Indicates unknown stratigraphic interval for this sample location. This sample could either be basal Chumstick Formation or a conglomerate of the Swauk Formation, caught within the Leavenworth Fault Zone. ~Indicates sampling locations from LaCasse (2013). Abbreviations: NR2 = Nahahum Road #2; FVC = Fairview Canyon; CHR = Chumstick Highway; MCR = Merry Canyon Road; CC = Clark Canyon; RTH = Red Hill Trailhead; SH = South Highway; DG = Devils Gulch; MSK = Mission Ridge Ski Hill. See Table 8 for a description of clast lithologies

**Table C5.** Summary of conglomerate detrital modes in the upper Clark Canyon Member

Recalculated	Upper Chumstick Formation			
	BRT	RR	STW	RC*
% Felsic-Intermediate	42.9	50.9	39.2	26.8
% Mafic Plutonic	0.0	0.0	0.0	51.8
% Mafic-Intermediate Volcanic	0.0	0.0	4.9	0.0
% Metamorphic	56.3	41.5	52.9	21.4
% Other	0.9	7.5	2.9	0.0

\*Indicates unknown stratigraphic interval for this sample location. This location could be within upper Chumstick Formation conglomerates that border the Leavenworth Zone, or part of the Swauk Fm. caught up in the Leavenworth Fault Zone. Abbreviations: BRT = Base Radio Tower; RR = Ranger Road; STW = South Tumwater Mountain; RC = Ruby Creek. See Table 8 for a description of clast lithologies.

**Table C6.** Summary of conglomerate detrital modes in the Nahahum Member.

Recalculated	Nahahum Member				Deadhorse Mbr.	
	EVC1	EVC2	NENR	EECF	*DFP	*F
% Felsic-Intermediate						
Plutonic	4.3	4.6	36.3	12.7	15.6	82.1
% Mafic Plutonic	2.1	0.0	1.4	13.5	26.7	0.0
% Mafic-Intermediate Volcanic	21.3	7.3	22.6	5.6	37.8	0.0
% Metamorphic	68.1	75.2	29.5	57.1	20.0	17.9
% Other	4.3	12.8	10.3	11.1	0.0	0.0

\*Sampling location DFP and F are in the north to northernmost part of the Chumstick basin, in strata that unconformably overlie both the Chumstick Formation and Nahahum Member. This location has been mapped as the Deadhorse Member by previous research (Evans, 1988). Abbreviations: EVC1 = East Van Creek #1; EVC2 = East Van Creek #2; NENR = Northeast Nahahum Road; EECF = Eagle Creek Road; DFP = Dirty Face pluton; F = Fanglomerate. See Table 8 for a description of clast lithologies.



## D. CONGLOMERATE DETRITAL MODES

**Table D1.** Summary of conglomerate detrital modes for the Chumstick Formation.

	Lower CC	Lowermost part of upper CC	Upper CC & Tumwater Mtn.	*Lower Tumwater Mtn. Mbr.	Nahahum Mbr.	**Deadhorse Mbr.
<i>Recalculated</i>						
% Felsic Plutonic	40.0	38.0	43.1	97.4	17.8	15.5
% Mafic Plutonic	5.2	5.3	0.0	0.0	4.7	26.7
% Mafic-Intermediate Volcanic	1.3	32.7	1.9	0.0	5.8	37.8
% Metamorphic	42.6	16.3	52.1	2.0	53.5	20.0
% Other	11.0	7.7	3.0	0.6	10.5	0.0
<b>Total Clasts</b>	155	208	267	152	428	45

\*Lower Tumwater Mountain Member conglomerate clast counts are from LaCasse (2013). \*\*The classification of the Deadhorse Member is based on previous mapping of the Chumstick basin (Evans, 1988). Althought sampling was conducted within this stratigraphic interval, the age and relationship of these strata to the Chumstick basin remains unclear. Abbreviations: CC = Clark Canyon Member.

## E. DETRITAL ZIRCON GEOCHRONOLOGY SUPPLEMENTARY MATERIAL

**Table E1.** Summary of detrital ages for sandstone samples from the Chumstick Formation.

Period	Middle-	Late Paleocene-	Early Paleocene-	Latest	Latest	Late	Early	Jurassic	Triassic	Paleozoic	Precambrian
	Early Eocene	Early Eocene	Latest	Cretaceous	Cretaceous	Cretaceous	Cretaceous	200-145 Ma	251-200 Ma	542-251 Ma	>542 Ma
Age (Ma)	53-40 Ma	60-53 Ma	70-60	81-70	87-81 Ma	100-87 Ma	145-100 Ma				Total
<b>Summary of detrital ages from the lower Chumstick Formation (N = 2)</b>											
# grains	0	1	47	43	13	14	12	17	3	3	8
%	0	0.6	29.2	26.7	8.1	8.7	7.5	10.6	1.9	1.9	5.0
<b>Summary of detrital ages from the lowermost upper Chumstick Formation (N = 2)</b>											
# grains	5	0	7	33	10	19	32	23	4	5	17
%	3.2	0.0	4.5	21.3	6.5	12.3	20.6	14.8	2.6	3.2	11.0
<b>Summary of detrital ages from the upper Chumstick Formation (N = 5)</b>											
# grains	15	4	67	77	17	170	52	32	1	6	16
%	3.3	0.9	14.7	16.8	3.7	37.2	11.4	7.0	0.2	1.3	3.5
<b>Summary of detrital ages from the Chumstick Formation (N = 9)</b>											
# grains	20	5	121	153	40	203	96	72	8	14	41
%	2.6	0.6	15.7	19.8	5.2	26.3	12.4	9.3	1.0	1.8	5.3
<b>Summary of detrital ages from the Nahahum Member (N = 7)</b>											
# grains	60	4	65	135	20	103	86	63	8	6	37
%	10.2	0.7	11.1	23.0	3.4	17.5	14.7	10.7	1.4	1.0	6.3
<b>Summary of detrital ages from the Chumstick + Nahahum Member (N = 16)</b>											
# grains	80	9	186	288	60	306	182	135	16	20	78
%	5.9	0.7	13.7	21.2	4.4	22.5	13.4	9.9	1.2	1.5	5.7

**Table E2.** Summary of detrital ages for sandstone samples from the lower Clark Canyon Member.

Period	Middle to Paleocene	Late Paleocene	Early Paleocene To Latest	Latest Cretaceous	Latest Cretaceous	Late Cretaceous	Early Cretaceous	Jurassic	Triassic	Paleozoic	Precambrian	
	Early Eocene	to Early Eocene										
Age (Ma)	53-40 Ma	60-53 Ma	70-60 Ma	81-70 Ma	87-81 Ma	100-87 Ma	145-100 Ma	200-145 Ma	251-200 Ma	542-251 Ma	> 542 Ma	Total
<b>Lower Clark Canyon Member</b>												
<b>ED070613-155; #2 Canyon Road; FA4; GPS: 47.40168, 120.393951</b>												
# grains	0	0	27	13	13	7	4	6	1	0	3	<b>74</b>
%	0	0	36.5	17.6	17.6	9.5	5.4	8.1	1.4	0	4.1	<b>100</b>
<b>ED072613-157; Mission Creek Road; FA4; GPS: 47.48868, 120.481173</b>												
# grains	0	1	20	30	0	7	8	11	2	3	5	<b>87</b>
%	0	1.1	23	34.5	0	8	9.2	12.6	2.3	3.4	5.7	<b>100</b>
<b>Lowermost part of the Upper Clark Canyon Member</b>												
<b>ED070813-96; Along Merry Canyon Fault; FA3; GPS: 47.70793, 120.590701</b>												
# grains	5	0	4	13	7	6	24	8	0	0	0	<b>67</b>
%	7.5	0	6	19.4	10.4	9	35.8	11.9	0	0	0	<b>100</b>
<b>ED070813-101; Base of Clark Canyon; FA2; GPS: 47.6864, 120.58543</b>												
# grains	0	0	3	20	3	13	8	15	4	5	17	<b>88</b>
%	0	0	3.4	22.7	3.4	14.8	9.1	17	4.5	5.7	19.3	<b>100</b>

**Table E3.** Summary of detrital ages for sandstone samples from the Upper Clark Canyon Member

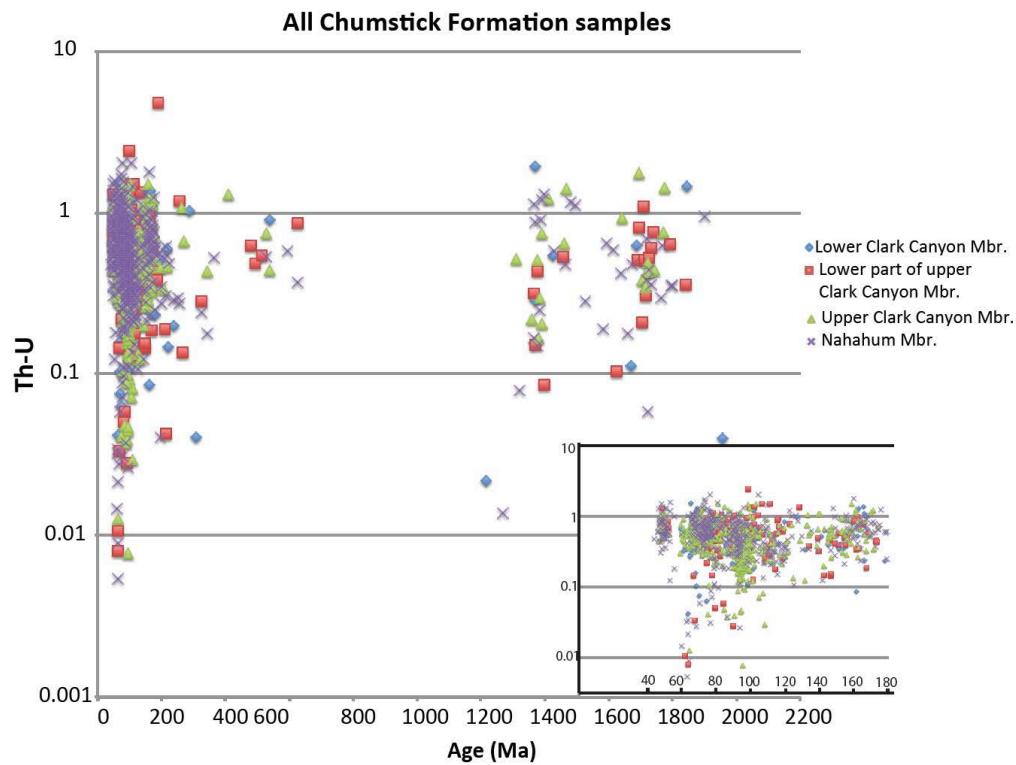
Period	Middle to	Late Paleocene	Early Paleocene To Latest	Latest Cretaceous	Latest Cretaceous	Late Cretaceous	Early Cretaceous	Jurassic	Triassic	Paleozoic	Precambrian	
	Early Eocene	to Early Eocene										
Age (Ma)	53-40 Ma	60-53 Ma	70-60 Ma	81-70 Ma	87-81 Ma	100-87 Ma	145-100 Ma	200-145 Ma	251-200 Ma	542-251 Ma	> 542 Ma	Total
<b>Upper Clark Canyon Member</b>												
<b>ED063013-DZ1; Tumwater Mountain; FA1; GPS: 47.65932, 120.71501</b>												
# grains	0	0	0	0	1	91	3	2	0	1	0	<b>98</b>
%	0	0	0	0	1.0	92.9	3.1	2.0	0.0	1.0	0	<b>100</b>
<b>ED070113-63; Ski Hill; FA4; GPS: 47.62061, 120.661983</b>												
# grains	0	1	20	30	0	7	8	11	2	3	5	<b>87</b>
%	0	1.1	23	34.5	0	8	9.2	12.6	2.3	3.4	5.7	<b>100</b>
<b>ED070813-65; Radio Tower Hill; FA1; GPS: 47.6161, 120.679618</b>												
# grains	1	0	0	0	1	47	18	8	0	5	1	<b>81</b>
%	1.2	0.0	0.0	0.0	1.2	58.0	22.2	9.9	0.0	6.2	1.2	<b>100</b>
<b>ED070913-108; Camas Land; FA3; GPS: 47.44448, 120.57614</b>												
# grains	10	0	10	21	2	14	10	4	0	0	11	<b>82</b>
%	12.2	0.0	12.2	25.6	2.4	17.1	12.2	4.9	0.0	0.0	13.4	<b>100</b>
<b>ED070813-098; Plain Pass; FA4; GPS: 47.74763, 120.641475</b>												
# grains	1	1	19	26	7	15	18	13	0	0	2	<b>102</b>
%	1.0	1.0	18.6	25.5	6.9	14.7	17.6	12.7	0.0	0.0	2.0	<b>100</b>

**Table E4.** Summary of detrital ages for sandstone samples in the Nahahum Member

Period	Middle to	Late Paleocene	Early Paleocene	Latest To Latest	Latest Cretaceous	Latest Cretaceous	Late Cretaceous	Early Cretaceous	Jurassic	Triassic	Paleozoic	Precambrian
	Early Eocene	to Early Eocene										
Age (Ma)	53-40 Ma	60-53 Ma	70-60 Ma	81-70 Ma	87-81 Ma	100-87 Ma	145-100 Ma	200-145 Ma	251-200 Ma	542-251 Ma	> 542 Ma	Total
<b>Nahahum Member</b>												
<b>ED072613-156; Monitor; FA5; GPS: 47.47945, 120.400233</b>												
# grains	2	1	20	13	3	15	10	5	1	1	10	<b>81</b>
%	2.5	1.2	24.7	16.0	3.7	18.5	12.3	6.2	1.2	1.2	12.3	<b>100</b>
<b>ED072613-154; Malaga; FA5; GPS: 47.38706, 120.281605</b>												
# grains	5	3	11	18	11	11	19	11	0	0	5	<b>94</b>
%	5.3	3.2	11.7	19.1	11.7	11.7	20.2	11.7	0.0	0.0	5.3	<b>100</b>
<b>ED071613-127; Eagle Creek Road; FA4; GPS: 47.65514, 120.520987</b>												
# grains	24	0	2	13	1	21	10	12	0	0	1	<b>84</b>
%	28.6	0.0	2.4	15.5	1.2	25.0	11.9	14.3	0.0	0.0	1.2	<b>100</b>
<b>ED072713-158; Merry Canyon Road; FA3; GPS: 47.71346, 120.582086</b>												
# grains	4	0	16	19	0	7	15	11	1	0	4	<b>77</b>
%	5.2	0.0	20.8	24.7	0.0	9.1	19.5	14.3	1.3	0.0	5.2	<b>100</b>
<b>ED072713-160; Merry Canyon Road; FA6; GPS: 47.71599, 120.576275</b>												
# grains	8	0	3	31	0	17	10	8	2	2	1	<b>82</b>
%	9.8	0.0	3.7	37.8	0.0	20.7	12.2	9.8	2.4	2.4	1.2	<b>100</b>
<b>ED072713-162; Camprec Road; FA6; GPS: 47.77053, 120.60125</b>												
# grains	17	0	2	24	3	20	14	6	3	0	5	<b>94</b>
%	18.1	0.0	2.1	25.5	3.2	21.3	14.9	6.4	3.2	0.0	5.3	<b>100</b>

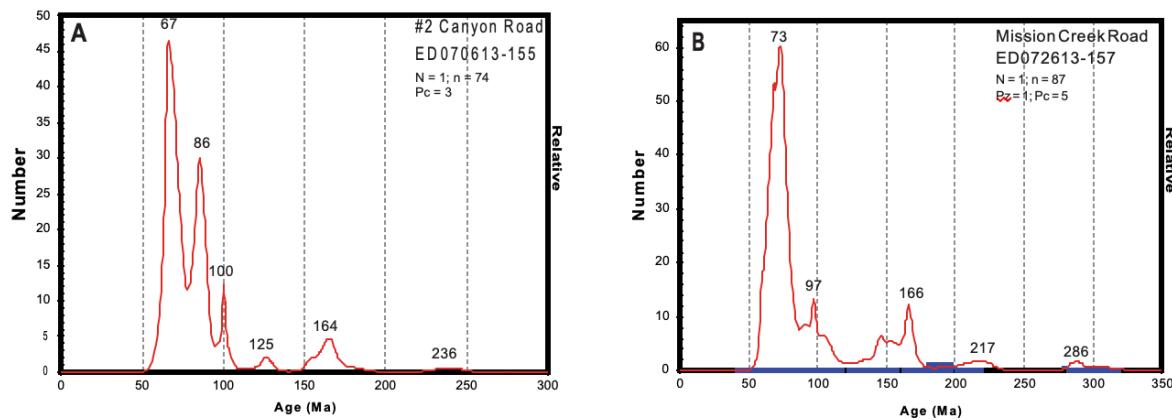
**ED072713-163; Nahahum in Plain; FA4; GPS: 47.7566, 120.690416**

# grains	0	0	11	17	2	12	8	10	1	3	11	75
%	0.0	0.0	14.7	22.7	2.7	16.0	10.7	13.3	1.3	4.0	14.7	100

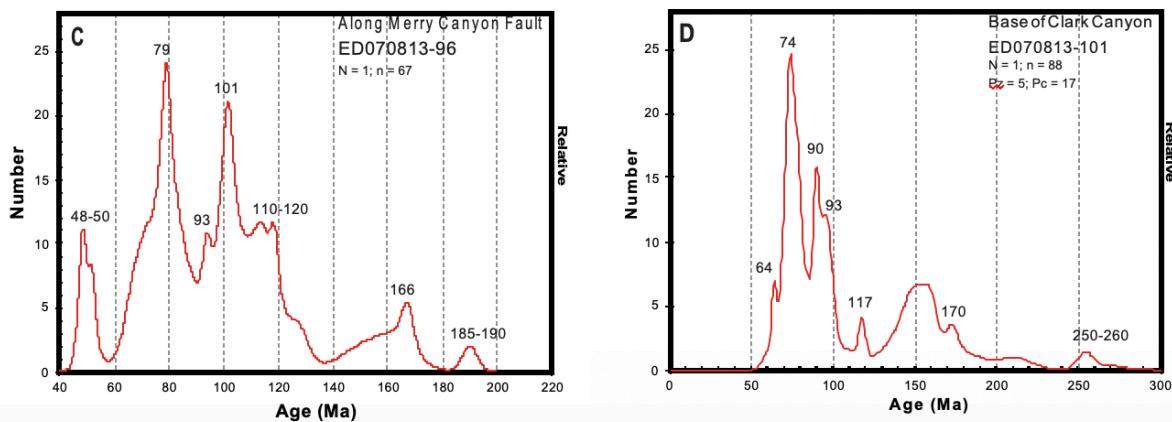


**Figure E1.** Th-U vs. U-Pb age of spot analyses of 1360 detrital zircon grains from 16 sandstone samples in the Chumstick Formation. Nine samples are from the lower, middle, and upper parts of the Chumstick Formation, whereas seven samples are from the uppermost Nahahum Canyon Member. Grains with Th-U ratios < 0.1 are an indication of being metamorphic in origin. The wide spread of Th-U ratios is consistent with zircons being derived from multiple metamorphic and igneous source terranes.

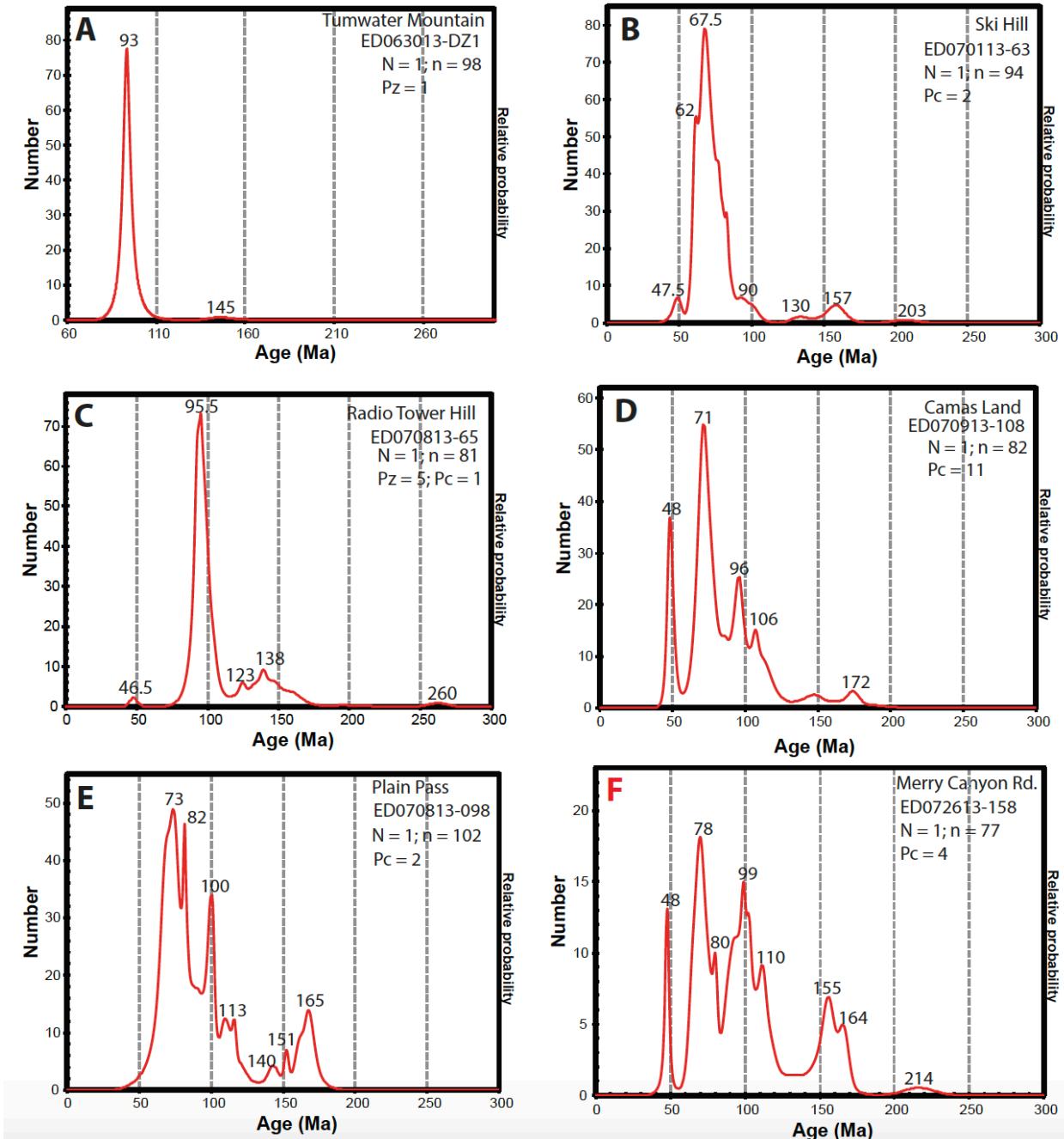
### Lower part of the Clark Canyon Member



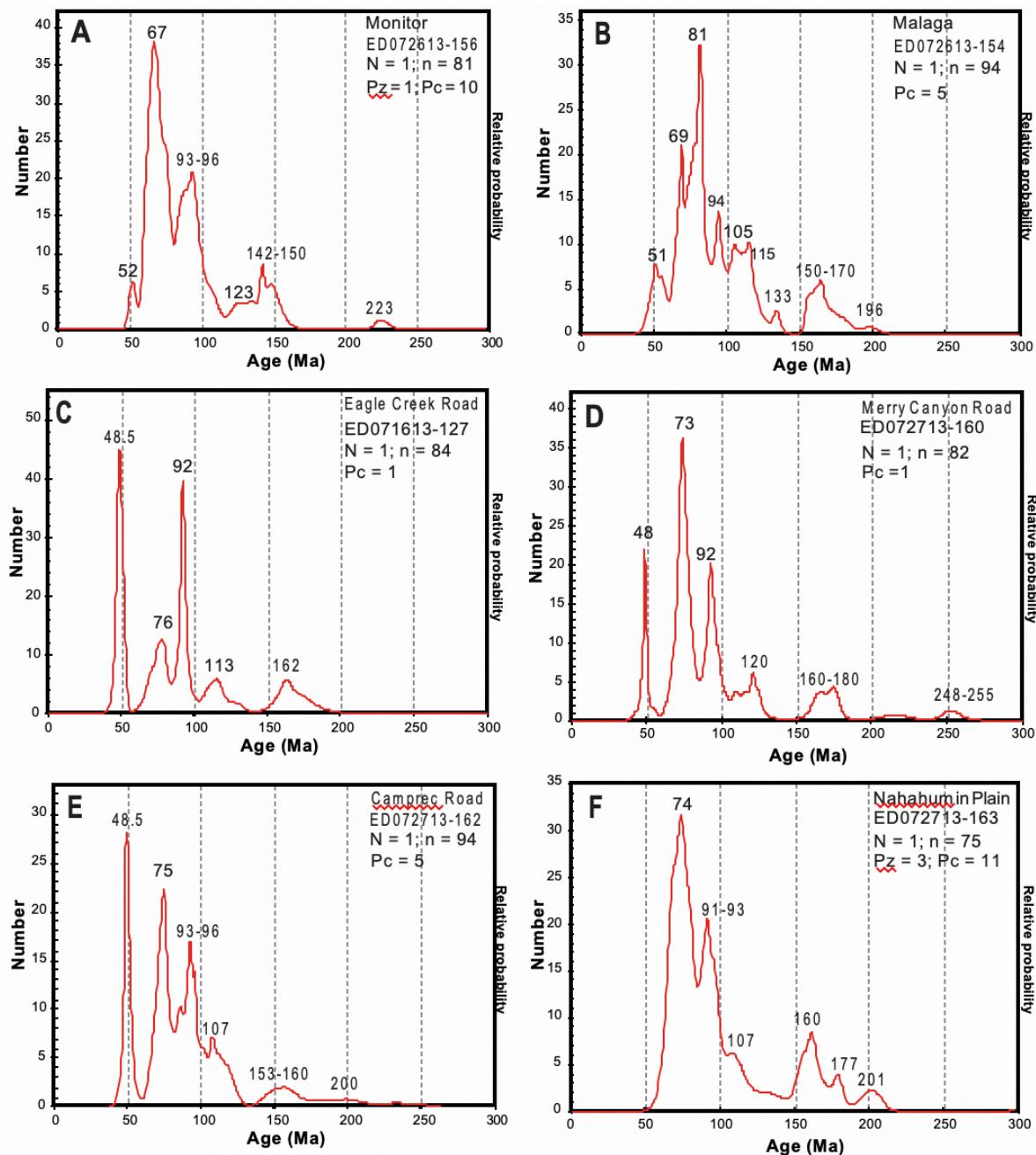
### Lowermost part of Upper Clark Canyon Member



**Figure E2.** Age probability plots showing distribution of U-Pb age determinations of 161 detrital zircon grains from two sandstone samples in the lower Clark Canyon Member (A-B) and 155 detrital zircon grains from two sandstone samples in the lowermost part of the upper Clark Canyon Member (C-D).



**Figure E3.** Age probability plots showing distributions of U-Pb age determinations of 1457 detrital zircon grains from five sandstone samples in the upper Clark Canyon Member (A-E). The probability plot shown in (F) is a sample from the uppermost Nahahum Member.



**Figure E4.** Age probability plots showing distributions of U-Pb age determinations of 587 detrital zircon grains from six sandstone samples in the Nahahum Member (A-F).

**Table E5.** Conglomerate clast raw data (LaCasse, 2013)

GPS coordinates:

Sample TL006A: 47.29593, -120.39681

Sample TL003A: 47.48362, -120.65256

Sample TL008: 47.31426, -120.42646

Analys is	U	Isotope Ratios						erro r	206P b*	+/ -	Apparent ages (Ma)			206P b*	+/ -	206P b*	+/ -	Bes t age	+/ -	Con c
		206P b	U/T h	206Pb	+/-	207P b	+/-				235U *	(%)	238U	(%)	Cor. r.	238U	Ma	235U	Ma	207P b*
pp m	204P b	207Pb	(%)	235U *	(%)	238U	(%)	Cor. r.	238U	Ma	235U	Ma	207P b*	Ma	206P b*	Ma	207P b*	Ma	206P b*	Ma
TL006 A-9C	46	3205	2.4	21.47 62	24.5	0.085 6	26.0	0.013 3	8.5	0.33	85.4	7.3	83.4	20.8	26.9	595. 6	85. 4	7.3	NA	
TL006 A-12C	124	2909	1.8	19.24 50	25.5	0.096 1	25.9	0.013 4	4.6	0.18	85.9	3.9	93.2	23.1	283.7	592. 9	85. 9	3.9	NA	
TL006 A-1R	59	2611	2.6	15.54 73	23.8	0.119 0	25.9	0.013 4	10. 2	0.39	85.9	8.7	114.2	27.9	752.1	508. 8	85. 9	8.7	NA	
TL006 A-14C	105	6750	2.6	25.40 75	32.7	0.074 0	33.1	0.013 6	5.5	0.17	87.4	4.8	72.5	23.2	-392.9	870. 1	87. 4	4.8	NA	
TL006 A-8C	64	4694	1.7	17.34 93	31.4	0.109 8	32.1	0.013 8	6.9	0.21	88.5	6.0	105.8	32.3	516.0	705. 1	88. 5	6.0	NA	
TL006 A-5C	164	2719 5	2.0	22.82 28	17.6	0.083 5	18.0	0.013 8	3.7	0.21	88.5	3.3	81.5	14.1	-121.0	436. 7	88. 5	3.3	NA	
TL006 A-14R	206	1127 8	3.1	21.51 72	7.9	0.088 8	8.3	0.013 9	2.5	0.30	88.7	2.2	86.4	6.9	22.3	190. 4	88. 7	2.2	NA	
TL006 A-9R	122	8280	4.2	20.44 00	18.4	0.094 2	18.9	0.014 0	4.0	0.21	89.4	3.5	91.4	16.5	144.2	435. 8	89. 4	3.5	NA	
TL006 A-2C	83	1097 2	1.7	23.40 55	49.3	0.082 3	49.6	0.014 0	5.0	0.10	89.4	4.4	80.3	38.3	-183.6	### #	89. 4	4.4	NA	
TL006 A-11C	66	4674	2.0	20.89 41	34.4	0.092 3	34.6	0.014 0	4.3	0.12	89.5	3.8	89.6	29.7	92.4	836. 0	89. 5	3.8	NA	
TL006 A-1C	80	5443	3.2	23.08 79	30.3	0.083 6	31.0	0.014 0	6.5	0.21	89.6	5.8	81.5	24.3	-149.6	766. 0	89. 6	5.8	NA	
TL006 A-13	74	4737	2.2	27.03 06	40.4	0.071 5	40.8	0.014 0	6.3	0.15	89.7	5.6	70.1	27.7	-556.9	### #	89. 7	5.6	NA	
TL006 A-10C	84	4689	1.8	19.66 78	27.9	0.098 7	28.1	0.014 1	2.4	0.09	90.1	2.2	95.5	25.6	233.8	656. 3	90. 1	2.2	NA	
TL006 A-3R	123	1249 2	3.7	20.62 52	11.2	0.094 6	11.4	0.014 1	2.2	0.20	90.6	2.0	91.8	10.0	122.9	264. 3	90. 6	2.0	NA	
TL006 A-6C	125	1040 9	1.4	23.47 85	24.7	0.083 2	24.7	0.014 2	1.1	0.04	90.7	1.0	81.1	19.3	-191.4	626. 1	90. 7	1.0	NA	
TL006 A-7R	95	8800	3.6	23.40 45	19.9	0.083 5	20.1	0.014 2	3.0	0.15	90.7	2.7	81.4	15.8	-183.5	501. 6	90. 7	2.7	NA	
TL006 A-7C	542	3179 0	2.8	21.15 99	4.2	0.092 9	4.5	0.014 2	1.4	0.31	91.2	1.3	90.2	3.8	62.4	100. 8	91. 2	1.3	NA	
TL006 A-5R	153	7143	2.8	20.00 88	13.6	0.098 5	13.8	0.014 3	2.7	0.20	91.5	2.5	95.4	12.6	194.0	316. 7	91. 5	2.5	NA	
TL006 A-4C	95	4434	2.0	22.77 13	24.6	0.086 7	24.8	0.014 3	2.6	0.11	91.7	2.4	84.4	20.1	-115.4	614. 5	91. 7	2.4	NA	
TL006 A-16C	97	6657	2.7	22.24 12	20.9	0.088 8	21.8	0.014 3	6.0	0.27	91.7	5.4	86.4	18.0	-57.7	515. 3	91. 7	5.4	NA	
TL006 A-4R	83	2949	3.4	20.87 25	26.2	0.095 3	27.3	0.014 4	7.7	0.28	92.4	7.0	92.5	24.1	94.8	629. 5	92. 4	7.0	NA	
TL006 A-4M	51	2679	2.5	22.23 30	21.4	0.090 5	23.1	0.014 6	8.7	0.38	93.4	8.1	87.9	19.4	-56.8	525. 9	93. 4	8.1	NA	
TL006 A-15C	78	7594	2.3	24.68 96	30.0	0.081 5	30.2	0.014 6	3.2	0.11	93.4	3.0	79.6	23.1	-318.8	784. 7	93. 4	3.0	NA	
TL006 A-3C	77	2840	2.0	29.33 57	43.1	0.070 4	43.3	0.015 0	4.2	0.10	95.8	3.9	69.1	28.9	-782.6	### #	95. 8	3.9	NA	
TL003 A-12C	54	2231	2.1	26.03 41	28.0	0.070 7	28.8	0.013 3	7.0	0.24	85.4	5.9	69.3	19.3	-456.7	749. 6	85. 4	5.9	NA	
TL003 A-16C	46	2323	2.1	38.78 56	69.4	0.049 1	70.5	0.013 8	12. 2	0.17	88.4	10. 7	48.6	33.5	NA	NA	88. 4	10. 7	NA	
TL003 A-22C	47	4354	2.0	22.26 82	31.7	0.085 8	32.3	0.013 9	6.3	0.20	88.8	5.6	83.6	26.0	-60.7	790. 0	88. 8	5.6	NA	
TL003 A-17C	34	4377	2.4	13.86 25	161. 8	0.137 9	162. 0	0.013 9	7.5	0.05	88.8	6.6	131.2	202. 0	989.8	714. 3	88. 8	6.6	NA	
TL003 A-7C	40	5244	2.5	20.13 91	25.0	0.095 3	25.9	0.013 9	6.9	0.27	89.1	6.1	92.4	22.9	178.8	590. 9	89. 1	6.1	NA	
TL003 A-4C	52	2004 0	2.2	23.58 09	34.5	0.081 6	35.6	0.014 0	8.7	0.24	89.4	7.7	79.7	27.3	-202.3	888. 5	89. 4	7.7	NA	
TL003 A-4C	59	3506	2.1	28.99 88	84.6	0.066 7	84.8	0.014 0	5.6	0.07	89.8	5.0	65.5	53.9	-750.1	### #	89. 8	5.0	NA	
TL003 A-2C	53	2861	1.7	19.61 62	26.2	0.098 7	26.9	0.014 0	6.2	0.23	89.9	5.5	95.6	24.6	239.8	614. 1	89. 9	5.5	NA	

TL003 A-24C	59	1684	2.0	19.89 03	29.3	0.097 4	30.4	0.014 1	7.8	0.26	90.0	7.0	94.4	27.4	207.8	693. 6	90. 0	7.0	NA
TL003 A-15C	52	2194	2.3	32.66 96	50.6	0.059 4	50.9	0.014 1	5.2	0.10	90.0	4.7	58.5	29.0	- 1097. 5	### #	90. 0	4.7	NA
TL003 A-21C	101	4831	1.8	21.62 96	17.4	0.089 8	17.7	0.014 1	3.3	0.18	90.2	2.9	87.4	14.9	9.8	422. 5	90. 2	2.9	NA
TL003 A-20C	47	1884	2.6	40.90 47	75.7	0.047	76.7	0.014 2	12. 3	0.16	90.6	11. 1	47.3	35.5	NA	NA	90. 6	11.	NA
TL003 A-3C	52	3494	1.6	19.60 00	23.3	0.099 7	24.0	0.014 2	5.6	0.23	90.7	5.0	96.5	22.0	241.8	543. 2	90. 7	5.0	NA
TL003 A-5C	52	4355	1.7	25.38 56	61.1	0.077 1	61.5	0.014 2	6.5	0.11	90.8	5.8	75.4	44.7	-390.6	### #	90. 8	5.8	NA
TL003 A-11C	52	4139	2.8	27.88 23	75.8	0.070 2	76.2	0.014 2	7.3	0.10	90.9	6.6	68.9	50.8	-641.2	### #	90. 9	6.6	NA
TL003 A-1C	74	4374	1.6	25.05 17	17.4	0.078 3	17.8	0.014 2	3.9	0.22	91.1	3.5	76.6	13.2	-356.3	452. 7	91. 1	3.5	NA
TL003 A-14C	59	4891	2.4	19.75 26	26.8	0.100 0	27.2	0.014 3	4.6	0.17	91.7	4.2	96.7	25.1	223.8	629. 7	91. 7	4.2	NA
TL003 A-23C	93	4971	1.3	20.95 21	16.6	0.094 5	17.1	0.014 4	3.9	0.23	91.9	3.6	91.7	15.0	85.8	396. 9	91. 9	3.6	NA
TL003 A-9C	48	2669	1.8	40.77 38	41.7	0.049	42.6	0.014 5	8.3	0.20	92.9	7.7	48.6	20.2	NA	NA	92. 9	7.7	NA
TL003 A-10C	48	3951	2.2	- 10.83 90	684. 4	- 0.185 4	684. 4	0.014 6	5.8	0.04	93.3	5.4	-208.2	### #	NA	NA	93. 3	5.4	NA
TL003 A-19C	48	2002	2.1	16.27 04	173. 9	0.123	173. 5	0.014 6	7.8	0.05	93.6	7.3	118.6	196. 6	655.4	### #	93. 6	7.3	NA
TL003 A-8C	55	3402	1.6	21.09 75	26.9	0.095 6	27.3	0.014 6	4.4	0.16	93.6	4.1	92.7	24.2	69.4	651. 4	93. 6	4.1	NA
TL003 A-18C	57	2568	2.2	19.39 55	34.3	0.104	34.8	0.014 7	6.3	0.18	94.1	5.9	101.0	33.5	265.9	807. 6	94. 1	5.9	NA
TL003 A-13C	63	6214	2.1	27.53 71	47.6	0.073 8	48.0	0.014 7	6.6	0.14	94.3	6.1	72.3	33.5	-607.1	### #	94. 3	6.1	NA
TL008 A-2C	64	3735	2.8	26.51 81	32.3	0.071 3	32.8	0.013 7	5.3	0.16	87.8	4.7	69.9	22.2	-505.6	881. 1	87. 8	4.7	NA
TL008 A-9C	54	3966	2.6	25.25 30	39.2	0.074 9	39.8	0.013	7.0	0.18	87.9	6.1	73.4	28.2	-377.0	### #	87. 9	6.1	NA
TL008 A-4C	74	6083	1.8	20.60 09	27.6	0.093 1	28.0	0.013 9	4.7	0.17	89.0	4.2	90.4	24.2	125.7	660. 3	89. 0	4.2	NA
TL008 A-4R	106	7117	3.3	20.52 01	15.9	0.093 8	16.6	0.014 0	4.7	0.28	89.4	4.1	91.1	14.5	135.0	376. 2	89. 4	4.1	NA
TL008 A-6C	56	3734	2.3	33.97 13	55.0	0.056 9	55.3	0.014 0	5.8	0.11	89.7	5.2	56.2	30.2	- 1217. 5	### #	89. 7	5.2	NA
TL008 A-13C	55	6374	2.5	28.33 69	46.3	0.068 4	46.8	0.014 1	6.9	0.15	90.0	6.1	67.2	30.4	-685.7	### #	90. 0	6.1	NA
TL008 A-6R	137	6392	4.1	21.88 52	19.2	0.088 8	19.5	0.014 1	3.4	0.17	90.2	3.0	86.4	16.1	-18.5	467. 8	90. 2	3.0	NA
TL008 A-2R	95	8196	4.1	20.29 47	14.9	0.095 9	16.0	0.014 1	5.8	0.36	90.4	5.2	93.0	14.2	160.9	350. 4	90. 4	5.2	NA
TL008 A-5R	158	6806	4.4	21.07 04	12.8	0.092 9	13.0	0.014 2	2.1	0.16	90.8	1.9	90.2	11.2	72.4	305. 6	90. 8	1.9	NA
TL008 A-8C	47	3696	1.9	18.56 56	26.3	0.106 0	27.4	0.014 3	7.9	0.29	91.4	7.2	102.3	26.7	365.3	601. 6	91. 4	7.2	NA
TL008 A-12C	66	4592	2.3	27.30 01	44.3	0.072	44.6	0.014 1	5.1	0.11	91.4	4.6	70.7	30.5	-583.7	### #	91. 4	4.6	NA
TL008 A-9R	117	6245	4.0	21.05 91	13.5	0.093 6	13.9	0.014 3	3.2	0.23	91.5	2.9	90.9	12.1	73.7	322. 0	91. 5	2.9	NA
TL008 A-14C	69	3771	1.7	27.77 03	43.6	0.071 1	43.9	0.014 3	5.1	0.12	91.6	4.6	69.7	29.6	-630.2	### #	91. 6	4.6	NA
TL008 A-7C	62	4690	1.8	18.04 70	48.9	0.109 5	49.1	0.014 3	4.8	0.10	91.7	4.4	105.5	49.3	428.8	### #	91. 7	4.4	NA
TL008 A-1R	90	5699	3.8	22.93 66	26.4	0.086 2	27.0	0.014 3	5.7	0.21	91.7	5.2	83.9	21.7	-133.3	661. 3	91. 7	5.2	NA
TL008 A-3C	79	9819	1.7	18.97 04	15.9	0.104 5	16.2	0.014 4	3.2	0.20	92.0	2.9	100.9	15.6	316.5	364. 0	92. 0	2.9	NA
TL008 A-5C	130	9237	2.0	24.42 41	13.0	0.081 7	14.0	0.014 5	5.3	0.38	92.6	4.9	79.7	10.8	-291.1	332. 6	92. 6	4.9	NA
TL008 A-10C	39	5645	2.2	18.03 08	45.3	0.110 7	45.6	0.014 5	5.6	0.12	92.6	5.2	106.6	46.2	430.8	### #	92. 6	5.2	NA
TL008 A-1C	57	5082	2.6	19.26 42	42.1	0.103 7	43.3	0.014 5	10. 3	0.24	92.8	9.5	100.2	41.4	281.5	### #	92. 8	9.5	NA
TL008 A-3R	178	3351	4.3	22.47 17	12.8	0.089 0	13.0	0.014 5	1.9	0.15	92.9	1.8	86.6	10.8	-82.9	315. 4	92. 9	3.7	NA
TL008 A-7R	101	6032	4.5	25.83 92	23.6	0.077 9	24.0	0.014 6	3.9	0.16	93.4	3.7	76.1	17.6	-436.9	627. 9	93. 4	3.7	NA
TL008 A-11C	51	2671	1.9	26.31 13	49.7	0.076 9	50.1	0.014 7	6.8	0.14	94.0	6.4	75.3	36.4	-484.7	### #	94. 0	6.4	NA
TL008 A-8R	92	4867	3.7	20.93 78	25.4	0.097 0	25.7	0.014 7	3.7	0.14	94.3	3.5	94.0	23.1	87.5	611. 1	94. 3	3.5	NA
TL008 A-10R	102	4542	6.4	20.11 93	16.3	0.102 9	16.7	0.015 0	3.7	0.22	96.0	3.5	99.4	15.9	181.1	382. 4	96. 0	3.5	NA

## Detrital zircon raw data

**Table E6.** U-Pb zircon geochronologic analyses from Chumstick Formation sandstones.

#	U (pp m m)	206Pb 204Pb	U Th	206Pb 207Pb *	± (%)	Isotope ratios				Apparent ages (Ma)								
						207Pb * 235U*	± (%)	206Pb 238U	± (%)	error corr.	206Pb 238U *	± (Ma)	207Pb 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)
<b>ED063013-DZ1 – South of the Tumwater Campground</b>																		
001	496	26099	2.8	22.175 6	24.3	0.0841	24.5	0.013 5	3.5	0.14	86.6	3.0	82.0	19.3	-50.5	597.8	86.6	3.0
002	643	18324	3.1	27.596 5	36.7	0.0687	37.2	0.013 8	6.2	0.17	88.0	5.4	67.5	24.3	-613.0	1027. 7	88.0	5.4
003	305	22557	2.8	18.427 3	17.8	0.1050	18.3	0.014 0	4.5	0.24	89.8	4.0	101.4	17.7	382.1	402.9	89.8	4.0
004	736	19510	5.3	21.806 5	10.8	0.0888	11.9	0.014 0	5.0	0.42	89.9	4.4	86.3	9.9	9.8	262.4	89.9	4.4
005	314	18257	2.6	21.716 6	9.8	0.0896	10.1	0.014 1	2.2	0.22	90.3	2.0	87.1	8.4	0.1	237.2	90.3	2.0
006	217	9064	3.7	20.831 3	2.6	0.0935	5.8	0.014 1	5.2	0.90	90.5	4.7	90.8	5.1	99.5	61.7	90.5	4.7
007	1447	52585	1.7	23.254 1	11.6	0.0843	12.1	0.014 2	3.4	0.28	91.0	3.1	82.2	9.6	-167.4	290.7	91.0	3.1
008	1030	42019	2.9	19.992 4	9.0	0.0981	9.9	0.014 2	4.1	0.42	91.0	3.7	95.0	9.0	195.9	209.5	91.0	3.7
009	1034	47641	2.7	21.181 3	7.4	0.0926	8.1	0.014 2	3.3	0.40	91.1	3.0	90.0	7.0	59.9	176.7	91.1	3.0
010	334	8408	4.7	23.298 7	32.1	0.0835	32.7	0.014 3	5.9	0.18	91.5	5.4	81.5	25.6	-204.2	823.6	91.5	5.4
011	548	34396	3.4	21.398 7	5.3	0.0925	5.5	0.014 4	1.4	0.25	91.9	1.2	89.8	4.7	35.5	127.2	91.9	1.2
012	659	41185	4.6	20.791 2	18.6	0.0952	20.0	0.014 4	7.4	0.37	91.9	6.7	92.4	17.6	104.0	442.1	91.9	6.7
013	95	11239	1.4	22.098 3	13.2	0.0896	13.5	0.014 4	2.6	0.19	91.9	2.4	87.1	11.3	-42.0	323.0	91.9	2.4
014	1012	37306	2.1	21.105 1	10.9	0.0939	11.3	0.014 4	3.3	0.29	92.0	3.0	91.1	9.9	68.5	258.8	92.0	3.0
015	1038	56415	3.9	20.704 5	12.0	0.0938	12.3	0.014 4	2.5	0.20	92.1	2.3	92.9	10.9	113.9	284.7	92.1	2.3
016	595	22115	2.9	20.373 2	7.8	0.0975	8.1	0.014 4	2.4	0.29	92.2	2.2	94.5	7.3	151.8	182.1	92.2	2.2
017	709	3649	4.4	21.009 2	16.4	0.0947	17.1	0.014 4	5.0	0.29	92.3	4.6	91.9	15.0	79.3	390.6	92.3	4.6
018	1927	10338	6.4	22.319 3	14.8	0.0891	14.9	0.014 4	1.8	0.12	92.4	1.6	86.7	12.4	-66.3	362.2	92.4	1.6
019	1188	33452	5.2	22.934 8	11.1	0.0868	11.2	0.014 4	2.0	0.18	92.4	1.8	84.5	9.1	-133.1	274.1	92.4	1.8
020	210	12530	2.0	21.512 4	6.5	0.0925	6.8	0.014 4	2.0	0.29	92.4	1.8	89.9	5.9	22.8	157.0	92.4	1.8
022	734	25926	11.3	24.010 7	19.0	0.0830	19.6	0.014 5	4.6	0.23	92.5	4.2	81.0	15.2	-247.8	484.4	92.5	4.2
024	427	17332	3.8	19.014 9	12.1	0.1049	12.8	0.014 5	4.1	0.32	92.5	3.8	101.2	12.3	-311.2	276.4	92.5	3.8
025	856	50606	4.2	19.813 2	17.3	0.1006	17.7	0.014 5	3.7	0.21	92.6	3.4	97.4	16.4	216.8	403.5	92.6	3.4
026	363	19928	2.3	21.165 6	10.7	0.0942	11.0	0.014 5	2.3	0.21	92.6	2.1	91.4	9.6	61.7	256.6	92.6	2.1
028	392	11768	3.9	20.666 0	8.3	0.0966	8.3	0.014 5	0.8	0.10	92.7	0.8	93.6	7.5	118.3	195.8	92.7	0.8
029	397	46338	5.5	21.013 6	4.6	0.0950	4.9	0.014 5	1.6	0.32	92.7	1.4	92.2	4.3	78.8	110.3	92.7	1.4
030	411	35868	8.5	19.702 1	10.8	0.1014	11.4	0.014 5	3.6	0.32	92.8	3.4	98.1	10.7	229.7	250.4	92.8	3.4
031	681	26795	3.3	21.048 0	7.9	0.0950	8.2	0.014 5	2.0	0.24	92.8	1.8	92.1	7.2	75.0	188.3	92.8	1.8
032	358	11341	2.6	20.271 9	2.1	0.0986	2.5	0.014 5	1.3	0.52	92.8	1.2	95.5	2.3	163.5	49.8	92.8	1.2
033	609	26878	1.5	19.981 0	5.3	0.1000	5.8	0.014 5	2.5	0.42	92.8	2.3	96.8	5.4	197.2	122.1	92.8	2.3
034	158	8551	2.8	22.861 9	16.9	0.0875	17.1	0.014 5	2.4	0.14	92.8	2.2	85.1	14.0	-125.2	420.9	92.8	2.2
035	543	35858	1.7	21.121 1	7.1	0.0947	7.2	0.014 5	1.1	0.16	92.9	1.0	91.9	6.3	66.7	168.8	92.9	1.0
036	129	4786	3.3	19.971 1	13.9	0.1003	14.1	0.014 5	2.2	0.16	93.0	2.0	97.0	13.0	198.3	324.4	93.0	2.0
037	1527	43177	3.0	20.542 8	8.4	0.0976	8.5	0.014 5	1.6	0.18	93.0	1.4	94.5	7.7	132.4	196.9	93.0	1.4
038	112	7739	2.4	23.575 0	10.7	0.0851	11.1	0.014 5	3.0	0.27	93.1	2.8	82.9	8.8	-201.6	268.4	93.1	2.8
039	353	23883	2.2	21.067 3	8.9	0.0952	9.2	0.014 5	2.2	0.24	93.1	2.1	92.3	8.1	72.8	212.8	93.1	2.1
040	706	16534	2.2	21.277 1	9.3	0.0943	9.9	0.014 5	3.5	0.35	93.1	3.2	91.5	8.7	49.1	222.6	93.1	3.2
041	663	26157	4.0	21.243 8	18.2	0.0945	18.6	0.014 6	3.8	0.20	93.1	3.5	91.6	16.3	52.9	438.4	93.1	3.5
043	875	50195	4.8	21.858 4	7.3	0.0919	7.6	0.014 6	1.9	0.26	93.3	1.8	89.3	6.5	-15.6	177.0	93.3	1.8
044	616	35369	2.7	21.417 5	10.7	0.0938	10.7	0.014 6	1.0	0.09	93.3	0.9	91.1	9.3	33.5	255.9	93.3	0.9
045	362	9805	3.6	19.288 0	5.1	0.1042	5.2	0.014 6	1.2	0.24	93.3	1.1	100.6	5.0	278.6	116.5	93.3	1.1
046	226	4897	2.6	22.042 3	16.6	0.0913	16.9	0.014 6	3.3	0.19	93.4	3.1	88.7	14.4	-35.9	405.5	93.4	3.1
049	598	25476	2.0	19.591 0	11.5	0.1028	11.7	0.014 6	2.0	0.17	93.4	1.8	99.3	11.0	242.8	265.4	93.4	1.8
050	504	19677	2.1	20.927 8	5.1	0.0963	5.3	0.014 6	1.5	0.24	93.5	1.2	93.3	4.7	88.6	121.9	93.5	1.2
051	816	32905	4.4	20.919 7	20.4	0.0963	20.6	0.014 6	3.1	0.15	93.5	2.9	93.4	18.4	89.5	487.2	93.5	2.9

052	790	33262	3.0	24.756 5	18.9	0.0814	20.2	0.014 6	7.3	0.36	93.5	6.7	79.4	15.5	-325.7	489.2	93.5	6.7
053	544	19651	7.4	20.974 3	4.7	0.0961	4.8	0.014 6	0.6	0.12	93.5	0.6	93.2	4.3	83.3	112.7	93.5	0.6
054	327	12358	5.0	19.546 6	8.7	0.1033	9.7	0.014 6	4.2	0.44	93.7	3.9	99.8	9.2	248.0	201.3	93.7	3.9
055	330	12769	5.7	21.324 9	8.9	0.0947	9.3	0.014 6	2.7	0.29	93.7	2.5	91.9	8.1	43.8	212.0	93.7	2.5
056	513	20470	2.3	21.584 4	16.2	0.0935	16.5	0.014 6	3.4	0.20	93.7	3.1	90.8	14.3	14.8	390.5	93.7	3.1
057	493	13180	3.2	21.614 9	9.8	0.0953	10.2	0.014	2.5	0.25	93.8	2.3	92.4	9.0	56.2	235.3	93.8	2.3
058	122	3540	3.5	22.012 8	13.7	0.0919	13.9	0.014 7	2.1	0.15	93.9	2.0	89.2	11.9	-32.6	333.7	93.9	2.0
059	493	53420	1.8	22.226 3	10.3	0.0898	10.8	0.014 7	3.0	0.28	93.9	2.8	87.3	9.0	-88.8	254.2	93.9	2.8
060	357	16018	3.2	21.230 2	4.1	0.0953	4.3	0.014 7	1.1	0.26	93.9	1.0	92.4	3.8	54.4	98.0	93.9	1.0
061	280	15207	3.6	20.856 0	19.3	0.0970	19.5	0.014 7	2.7	0.14	93.9	2.5	94.0	17.5	96.7	459.9	93.9	2.5
062	388	15253	2.5	22.255 5	5.5	0.0909	5.9	0.014 7	2.2	0.37	93.9	2.0	88.4	5.0	-59.3	134.2	93.9	2.0
063	544	23894	5.5	23.988 5	41.7	0.0844	41.9	0.014 7	3.4	0.08	94.0	3.2	82.3	33.1	-245.4	109.6 7	94.0	3.2
063	415	22507	8.0	20.851 7	2.2	0.0972	2.5	0.014 7	1.1	0.44	94.0	1.0	94.2	2.2	97.2	52.1	94.0	1.0
065	2707	88559	2.2	21.173 5	4.7	0.0957	4.8	0.014 7	1.0	0.22	94.0	1.0	92.8	4.2	60.8	111.0	94.0	1.0
066	713	33876	3.9	23.051 6	11.4	0.0880	11.6	0.014 7	1.8	0.16	94.2	1.7	85.6	9.5	-145.7	284.3	94.2	1.7
068	921	61337	4.4	22.270 6	5.6	0.0911	5.8	0.014 7	1.8	0.31	94.2	1.7	88.5	5.0	-60.9	135.8	94.2	1.7
069	106	4650	3.0	21.971 6	13.1	0.0923	13.3	0.014 7	2.3	0.17	94.2	2.2	89.7	11.4	-28.1	319.1	94.2	2.2
070	614	46491	22.4	20.825 1	2.1	0.0974	3.1	0.014 7	2.3	0.73	94.2	2.2	94.4	2.8	100.2	50.3	94.2	2.2
071	174	11896	4.5	23.619 3	23.6	0.0860	25.1	0.014 7	8.5	0.34	94.3	7.9	83.8	20.2	-206.3	599.5	94.3	7.9
072	133	8588	5.8	19.175 3	27.2	0.1060	27.7	0.014 7	5.4	0.20	94.3	5.1	102.3	27.0	292.0	631.9	94.3	5.1
073	715	16821	2.5	21.623 5	11.6	0.0941	12.0	0.014 7	2.9	0.24	94.4	2.7	91.3	10.4	10.5	280.0	94.4	2.7
074	170	5414	3.8	20.861 4	10.5	0.0976	11.2	0.014 8	4.0	0.36	94.5	3.8	94.5	10.2	96.1	249.2	94.5	3.8
075	311	61710	21.4	21.278 3	6.6	0.0957	6.8	0.014 8	1.4	0.21	94.5	1.3	92.8	6.0	49.0	158.8	94.5	1.3
076	2505	26132	3.7	22.295 4	20.5	0.0905	20.6	0.014 8	2.3	0.11	94.5	2.1	88.0	17.4	-85.5	506.5	94.5	2.1
077	241	12322	6.4	19.679 0	16.3	0.1036	16.5	0.014 8	2.8	0.17	94.6	2.7	100.1	15.7	232.4	377.9	94.6	2.7
078	473	27622	4.4	20.582 8	3.2	0.0994	3.9	0.014 8	2.3	0.59	95.0	2.2	96.2	3.6	127.8	74.6	95.0	2.2
080	322	8861	3.6	16.981 9	34.9	0.1222	35.5	0.014 9	6.5	0.18	95.2	6.2	117.1	39.3	588.6	779.9	95.2	6.2
081	486	16590	6.2	21.159 5	23.1	0.0969	23.5	0.014 9	4.2	0.18	95.2	4.0	93.9	21.1	62.4	557.7	95.2	4.0
082	2256	10523	5.9	21.240 7	26.0	0.0966	26.2	0.014 9	3.1	0.12	95.2	2.9	93.6	23.5	53.2	630.6	95.2	2.9
083	258	7040	2.1	20.915 3	5.3	0.0981	5.5	0.014 9	1.7	0.30	95.2	1.6	95.0	5.0	89.9	125.1	95.2	1.6
084	1374	44266	3.7	21.736 2	13.7	0.0944	14.4	0.014 9	4.5	0.32	95.3	4.3	91.6	12.6	2.0	330.6	95.3	4.3
086	2222	97826	5.5	20.490 2	9.9	0.1004	10.1	0.014 9	2.0	0.19	95.4	1.9	97.1	9.3	138.4	232.9	95.4	1.9
087	364	28787	2.7	19.929 1	12.0	0.1034	12.1	0.015 0	1.7	0.14	95.7	1.6	100.0	11.5	203.2	279.0	95.7	1.6
088	272	16449	5.4	11.308 5	164. 7	-	-	-	-	-	96.1	5.9	170.7	264. 7	1391.8	419.9	96.1	5.9
089	554	28498	4.2	21.460 6	18.9	0.0968	19.2	0.015 1	2.9	0.15	96.4	2.8	93.8	17.2	28.6	457.5	96.4	2.8
090	438	19402	3.8	19.687 6	31.6	0.1055	32.6	0.015 1	7.8	0.24	96.4	7.5	101.9	31.6	231.4	747.1	96.4	7.5
091	587	41543	1.3	21.226	8.4	0.0979	9.1	0.015	3.5	0.38	96.4	3.3	94.8	8.3	54.9	201.8	96.4	3.3
091	160	4735	5.0	22.150	48.7	0.0945	49.0	0.015 2	4.8	0.10	97.2	4.6	91.7	43.0	-47.7	125.3 2	97.2	4.6
093	184	9993	2.8	20.818 1	19.8	0.1007	20.1	0.015 2	3.2	0.16	97.3	3.1	97.4	18.6	101.0	472.6	97.3	3.1
095	384	18456	5.0	21.398 4	18.7	0.0985	19.4	0.015 3	5.0	0.26	97.8	4.9	95.4	17.7	35.6	452.0	97.8	4.9
096	423	31808	2.1	24.515 8	14.6	0.0862	15.2	0.015 3	4.4	0.29	98.0	4.3	83.9	12.3	-300.7	373.7	98.0	4.3
097	79	2331	8.1	30.180 4	64.1	0.0704	64.7	0.015 4	8.5	0.13	98.6	8.3	69.1	43.2	-863.6	2033. 9	98.6	8.3
098	140	7006	1.9	15.223 0	96.6	0.1396	97.1	0.015 4	9.2	0.10	98.6	9.0	132.7	121. 3	796.5	-	98.6	9.0
099	198	6959	5.9	24.618 3	17.2	0.0866	17.5	0.015 5	3.0	0.17	98.9	3.0	84.3	14.2	-311.4	444.5	98.9	3.0
100	423	21351	2.5	20.860 6	29.5	0.1024	29.8	0.015 5	4.4	0.15	99.1	4.4	99.0	28.1	96.2	710.6	99.1	4.4
101	175	5039	5.8	28.352 3	51.2	0.0755	52.0	0.015 5	9.0	0.17	99.3	8.9	73.9	37.0	-687.3	1502. 1	99.3	8.9
102	358	10592	4.0	10.933 9	106. 3.4	-	-	-	-	-	100.1	8.1	87.7	31.7	-238.7	957.9	100. 1	8.1
103	539	50351	3.7	23.925 0	36.8	0.0902	37.7	0.015 6	8.2	0.22	100.1	8.1	87.7	31.7	-238.7	957.9	100. 1	8.1
105	251	23293	3.3	27.654 6	52.2	0.0828	53.1	0.016 6	9.9	0.19	106.1	10.4	80.7	41.3	-618.8	1514. 5	106. 1	10. 4
106	896	64473	2.3	20.724 0	7.2	0.1511	8.2	0.022 7	3.9	0.48	144.7	5.6	142.9	11.0	111.7	171.3	144. 7	5.6
108	98	7695	1.4	23.938 5	29.6	0.1331	30.1	0.023 1	4.9	0.16	147.3	7.2	126.9	35.9	-240.1	762.9	147. 3	7.2
109	480	16162	3.5	20.324 6	60.3	0.1660	61.0	0.024 5	8.8	0.14	155.8	13.5	155.9	88.4	157.4	1552. 9	155. 8	13. 5
110	266	18311	1.5	19.633 9	5.9	0.3006	7.8	0.042 8	5.1	0.66	270.2	13.6	266.9	18.3	237.8	135.3	270. 2	13. 6

ED070113-063 – Top of the Ski Hill measured section

068	147	6686	2.3	15.645 5	44.0	0.0636	45.1	0.007 2	9.9	0.22	46.3	4.6	62.6	27.4	738.8	978.5	46.3	4.6
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039	667	29988	2.0	20.950 3	13.4	0.0495	14.4	0.007 5	5.3	0.37	48.3	2.6	49.1	6.9	86.0	318.2	48.3	2.6
109	232	52331	1.0	28.388 3	23.8	0.0376	24.3	0.007 7	5.1	0.21	49.7	2.5	37.5	8.9	-690.8	665.9	49.7	2.5
002	519	36087	1.3	21.164 2	11.8	0.0601	12.4	0.009 2	3.9	0.31	59.2	2.3	59.2	7.1	61.9	281.9	59.2	2.3
078	356	23843	1.7	23.794 3	12.9	0.0540	13.4	0.009 3	3.6	0.27	59.7	2.2	53.4	7.0	-224.9	325.5	59.7	2.2
086	435	36625	2.1	20.871 8	8.1	0.0618	9.4	0.009 4	4.8	0.51	60.0	2.9	60.9	5.5	94.9	191.2	60.0	2.9
035	610	30811	1.9	22.814 1	11.6	0.0571	11.8	0.009 5	2.0	0.17	60.6	1.2	56.4	6.5	-120.1	286.6	60.6	1.2
032	835	41636	1.1	20.956 5	6.3	0.0624	6.8	0.009 5	2.6	0.38	60.9	1.6	61.5	4.0	85.3	148.7	60.9	1.6
013	415	10364	1.4	20.759 4	10.1	0.0632	10.3	0.009 5	2.3	0.22	61.0	1.4	62.2	6.2	107.7	238.9	61.0	1.4
049	604	47136	2.2	20.612 9	6.9	0.0638	7.3	0.009 5	2.4	0.33	61.2	1.4	62.8	4.4	124.4	162.8	61.2	1.4
027	454	65185	2.6	20.506 9	11.4	0.0646	11.7	0.009 6	2.7	0.23	61.7	1.7	63.6	7.2	136.5	267.8	61.7	1.7
053	397	62600	1.9	21.957 3	9.9	0.0607	10.4	0.009 7	3.2	0.31	62.0	2.0	59.9	6.0	-26.5	239.3	62.0	2.0
071	554	79454	1.7	20.613 3	11.1	0.0652	11.8	0.009 7	3.9	0.33	62.5	2.4	64.1	7.3	124.3	262.3	62.5	2.4
019	400	21931	1.6	20.686 6	15.9	0.0657	16.2	0.009 9	3.3	0.20	63.2	2.1	64.6	10.2	116.0	377.0	63.2	2.1
095	215	13300	2.8	21.770 1	23.3	0.0633	24.0	0.010 0	5.7	0.24	64.1	3.6	62.3	14.5	-5.8	570.1	64.1	3.6
047	175	25852	1.8	29.470 8	57.7	0.0469	58.2	0.010 0	7.2	0.12	64.3	4.6	46.5	26.5	-795.6	1765. 1	64.3	4.6
090	387	12015	1.3	16.973 1	17.8	0.0824	18.4	0.010 1	4.7	0.26	65.1	3.1	80.4	14.3	564.0	390.8	65.1	3.1
030	343	47784	1.6	24.477 1	22.3	0.0573	22.8	0.010 2	4.9	0.21	65.2	3.2	56.5	12.6	-296.6	575.2	65.2	3.2
026	285	18893	1.9	20.729 6	13.1	0.0677	13.5	0.010 2	3.4	0.25	65.3	2.2	66.5	8.7	111.0	309.3	65.3	2.2
069	197	15320	2.5	18.966 0	26.7	0.0743	26.9	0.010 2	3.4	0.12	65.6	2.2	72.8	18.9	317.0	617.4	65.6	2.2
043	212	13962	2.0	23.422 6	30.4	0.0602	31.3	0.010 2	7.4	0.24	65.6	4.8	59.4	18.0	-185.4	773.7	65.6	4.8
028	110	5651	1.9	13.465 2	125. 0	0.1053	125.2	0.010 3	7.1	0.06	65.9	4.6	101.6	121. 6	1048.7	437.2	65.9	4.6
031	167	7315	2.6	24.600 7	27.7	0.0577	28.0	0.010 3	3.8	0.13	66.0	2.5	56.9	15.5	-309.5	721.9	66.0	2.5
058	159	9418	1.3	20.910 5	22.9	0.0680	23.5	0.010 3	5.5	0.23	66.1	3.6	66.8	15.2	90.5	548.3	66.1	3.6
055	119	6236	1.9	16.573 2	24.5	0.0861	25.6	0.010 3	7.4	0.29	66.4	4.9	83.9	20.6	615.7	536.8	66.4	4.9
099	195	13962	1.4	29.791 9	41.8	0.0480	41.9	0.010 4	3.1	0.07	66.6	2.1	47.6	19.5	-826.5	1235. 9	66.6	2.1
001	134	11564	2.1	22.596 1	83.1	0.0634	83.5	0.010 4	8.2	0.10	66.7	5.5	62.4	50.6	-96.4	2568. 5	66.7	5.5
088	206	9966	2.2	16.695 4	20.8	0.0859	21.1	0.010 4	3.4	0.16	66.7	2.2	83.7	17.0	599.8	455.5	66.7	2.2
042	176	14465	3.1	25.505 4	28.7	0.0563	29.3	0.010 4	6.0	0.20	66.8	4.0	55.6	15.9	-402.9	762.3	66.8	4.0
008	324	41237	1.9	21.616 2	10.1	0.0665	10.8	0.010 4	3.9	0.36	66.8	2.6	65.3	6.9	11.3	243.6	66.8	2.6
098	134	5985	1.4	21.394 2	36.6	0.0672	37.9	0.010 4	9.8	0.26	66.9	6.5	66.1	24.2	36.0	902.9	66.9	6.5
040	192	20587	1.8	23.237 6	21.7	0.0620	22.2	0.010 5	4.8	0.22	67.0	3.2	61.1	13.2	-165.6	544.5	67.0	3.2
037	907	79887	2.1	20.200 8	4.7	0.0716	5.2	0.010 5	2.3	0.44	67.2	1.5	70.2	3.5	171.7	109.5	67.2	1.5
091	396	24711	2.4	20.492 2	9.7	0.0707	11.0	0.010 5	5.3	0.48	67.4	3.5	69.4	7.4	138.2	227.6	67.4	3.5
082	715	86603	2.1	20.819 5	5.6	0.0698	6.3	0.010 5	3.0	0.47	67.6	2.0	68.5	4.2	100.9	132.7	67.6	2.0
075	285	19661	1.9	20.622 0	13.1	0.0705	13.5	0.010 5	3.0	0.22	67.6	2.0	69.2	9.0	123.3	310.0	67.6	2.0
084	116	16106	1.2	29.056 3	66.8	0.0506	67.0	0.010 7	5.4	0.08	68.3	3.6	50.1	32.8	-755.7	2096. 4	68.3	3.6
060	299	18452	2.4	22.847 0	18.4	0.0643	18.8	0.010 7	3.8	0.20	68.3	2.6	63.3	11.5	-123.6	457.6	68.3	2.6
089	291	28703	1.6	22.560 7	23.3	0.0652	23.9	0.010 7	5.2	0.22	68.4	3.6	64.1	14.8	-92.6	578.3	68.4	3.6
079	139	6152	1.6	25.180 1	23.0	0.0584	24.4	0.010 7	8.0	0.33	68.4	5.5	57.7	13.7	-369.5	603.8	68.4	5.5
100	719	65056	1.4	21.274 5	7.1	0.0692	8.0	0.010 7	3.5	0.44	68.5	2.4	68.0	5.2	49.5	170.3	68.5	2.4
101	253	12828	2.1	24.736 8	30.1	0.0604	30.7	0.010 8	6.1	0.20	69.4	4.2	59.5	17.7	-323.7	786.9	69.4	4.2
054	386	35925	2.9	20.235 0	8.9	0.0740	9.3	0.010 9	2.7	0.29	69.7	1.9	72.5	6.5	167.7	208.5	69.7	1.9
103	304	6964	1.2	23.869	12.3	0.0628	12.6	0.010	2.4	0.19	69.7	1.7	61.8	7.5	-232.8	311.5	69.7	1.7

				0			9															
009	74	5708	1.7	24.872 9	54.0	0.0607	54.3	0.010 9	5.7	0.11	70.2	4.0	59.8	31.5	-337.8	1487. 3	70.2	4.0				
087	459	37956	2.7	20.077 5	8.4	0.0753	9.7	0.011 0	4.9	0.50	70.3	3.4	73.8	6.9	186.0	195.5	70.3	3.4				
081	244	11647	1.0	16.579 5	13.2	0.0915	13.9	0.011 0	4.1	0.30	70.5	2.9	88.9	11.8	614.9	287.1	70.5	2.9				
063	158	15471	3.1	20.265 7	24.0	0.0749	24.4	0.011 0	4.7	0.19	70.6	3.3	73.3	17.3	164.2	567.3	70.6	3.3				
023	858	3375	0.8	19.003 2	7.2	0.0803	8.6	0.011 1	4.7	0.54	71.0	3.3	78.5	6.5	312.6	164.7	71.0	3.3				
004	202	14826	1.1	23.501 3	22.3	0.0650	22.6	0.011 1	3.7	0.16	71.0	2.6	63.9	14.0	-193.8	564.7	71.0	2.6				
020	191	17520	1.4	20.562 0	18.2	0.0746	18.5	0.011 1	3.7	0.20	71.4	2.6	73.1	13.1	130.2	430.1	71.4	2.6				
102	738	58815	2.2	22.083 2	6.8	0.0701	7.5	0.011 2	3.1	0.42	72.0	2.2	68.8	5.0	-40.4	165.5	72.0	2.2				
036	118	10324	1.8	14.990 0	33.1	0.1033	33.7	0.011 2	6.3	0.19	72.0	4.5	99.9	32.0	828.8	708.7	72.0	4.5				
010	815	39098	1.6	21.708 5	5.1	0.0720	5.7	0.011 3	2.7	0.47	72.7	2.0	70.6	3.9	1.0	121.9	72.7	2.0				
097	350	89502	2.5	19.583 8	13.2	0.0803	13.7	0.011 4	3.5	0.26	73.1	2.5	78.4	10.3	243.7	306.4	73.1	2.5				
041	155	15928	2.4	20.257 0	30.7	0.0777	31.5	0.011 4	7.0	0.22	73.2	5.1	76.0	23.1	165.2	733.9	73.2	5.1				
076	130	9401	1.4	18.877 0	19.2	0.0842	20.9	0.011 5	8.3	0.40	73.8	6.1	82.0	16.5	327.7	438.2	73.8	6.1				
064	234	20158	1.3	21.488 1	25.3	0.0749	26.0	0.011 7	6.0	0.23	74.8	4.5	73.4	18.4	25.6	614.3	74.8	4.5				
077	694	59155	2.4	20.085 0	5.3	0.0805	6.2	0.011 7	3.2	0.51	75.1	2.4	78.6	4.7	185.1	124.6	75.1	2.4				
050	350	16871	1.9	19.726 5	9.9	0.0822	10.2	0.011 8	2.7	0.26	75.4	2.0	80.2	7.9	226.9	228.8	75.4	2.0				
105	332	23278	2.1	20.890 3	10.8	0.0780	11.9	0.011 8	5.1	0.43	75.8	3.9	76.3	8.8	92.8	256.1	75.8	3.9				
074	167	22219	1.4	23.613 3	39.0	0.0691	39.3	0.011 8	4.7	0.12	75.8	3.5	67.8	25.8	-205.7	1012. 1	75.8	3.5				
057	1988	60722	2.3	20.839 3	2.5	0.0787	3.7	0.011 9	2.8	0.74	76.3	2.1	77.0	2.8	98.6	58.9	76.3	2.1				
106	130	14468	2.1	7.4977	423. 3	0.2193	423.4	0.011 9	9.2	0.02	76.4	7.0	201.3	1015	2142.8	845.5	76.4	7.0				
017	436	31748	2.0	20.838 6	11.5	0.0791	13.6	0.012 0	7.3	0.53	76.6	5.5	77.3	10.1	98.7	273.2	76.6	5.5				
073	980	52968	3.1	21.243 5	3.8	0.0784	4.0	0.012 1	1.4	0.34	77.4	1.0	76.6	3.0	52.9	90.5	77.4	1.0				
033	307	22663	2.1	20.237 1	9.2	0.0828	9.8	0.012 2	3.4	0.35	77.9	2.6	80.8	7.6	167.5	214.4	77.9	2.6				
072	743	13015 3	2.1	20.504 6	2.7	0.0822	3.8	0.012 2	2.7	0.70	78.4	2.1	80.2	3.0	136.7	64.5	78.4	2.1				
065	184	12186	4.7	33.139 0	45.3	0.0510	46.0	0.012 3	7.8	0.17	78.6	6.1	50.5	22.7	NA	NA	78.6	6.1				
014	528	41111	1.4	22.134 0	8.0	0.0767	9.7	0.012 3	5.5	0.56	78.8	4.3	75.0	7.0	-46.0	195.3	78.8	4.3				
028	127	13288	1.4	23.656 2	28.5	0.0724	29.0	0.012 4	5.2	0.18	79.6	4.1	71.0	19.9	-210.3	728.7	79.6	4.1				
070	805	14396 2	0.9	21.246 0	4.4	0.0814	4.7	0.012 5	1.7	0.36	80.4	1.4	79.5	3.6	52.7	105.1	80.4	1.4				
048	128	20307	2.0	21.981 9	34.2	0.0788	34.8	0.012 6	6.7	0.19	80.5	5.4	77.0	25.9	-29.2	850.4	80.5	5.4				
015	133	22994	1.2	22.490 2	29.7	0.0773	30.4	0.012 6	6.4	0.21	80.8	5.2	75.6	22.2	-84.9	742.1	80.8	5.2				
104	247	13206	1.3	24.201 5	23.9	0.0722	24.1	0.012 7	2.8	0.12	81.2	2.3	70.8	16.5	-267.8	614.7	81.2	2.3				
044	557	66818	3.1	20.742 6	5.8	0.0862	6.4	0.013 0	2.6	0.42	83.0	2.2	83.9	5.1	109.6	136.9	83.0	2.2				
012	1117	11747 5	1.1	20.667 5	3.6	0.0866	3.8	0.013 0	1.0	0.28	83.1	0.9	84.3	3.0	118.1	85.4	83.1	0.9				
094	644	89626	3.2	20.284 1	5.3	0.0893	6.4	0.013 1	3.6	0.57	84.1	3.0	86.8	5.4	162.1	124.1	84.1	3.0				
051	161	30089	1.7	20.488 6	13.4	0.0898	14.4	0.013 3	5.3	0.37	85.4	4.5	87.3	12.0	138.6	315.5	85.4	4.5				
092	1138	12265 7	26.5	20.606 9	3.8	0.0901	5.7	0.013 5	4.2	0.75	86.2	3.6	87.6	4.8	125.0	88.7	86.2	3.6				
006	462	42538	1.9	21.313 4	9.4	0.0934	9.8	0.014 4	2.6	0.27	92.4	2.4	90.7	8.5	45.1	224.8	92.4	2.4				
093	306	47164	2.8	21.083 3	9.7	0.0981	10.2	0.015 0	2.9	0.28	96.0	2.7	95.0	9.2	71.0	232.1	96.0	2.7				
024	117	10663	2.9	27.690 8	40.9	0.0760	41.6	0.015 3	7.6	0.18	97.7	7.4	74.4	29.8	-622.3	1156. 5	97.7	7.4				
061	145	11795	1.8	19.935 3	13.6	0.1092	15.3	0.015 8	7.0	0.46	101.0	7.0	105.2	15.2	202.5	315.8	101. 0	7.0				
096	1072	15976 0	1.0	20.931 8	1.4	0.1045	3.3	0.015 9	3.1	0.91	101.4	3.1	100.9	3.2	88.1	32.0	101. 4	3.1				
034	83	10631	1.3	18.098 0	32.0	0.1587	32.3	0.020 8	4.1	0.13	132.9	5.4	149.5	44.9	422.5	731.4	132. 9	5.4				

005	43	11244	1.9	23.845 9	35.2	0.1347	36.1	0.023 3	8.1	0.22	148.4	11.9	128.3	43.6	-230.4	912.2	148. 4	11. 9
056	62	5074	1.6	22.869 2	43.8	0.1453	44.3	0.024 1	6.7	0.15	153.5	10.1	137.8	57.1	-126.0	1129. 1	153. 5	10. 1
003	105	13690	2.1	19.845 3	14.2	0.1709	14.7	0.024 6	3.6	0.25	156.6	5.6	160.2	21.8	213.0	331.5	156. 6	5.6
107	854	14062	0.7	20.268 8	2.0	0.1698	3.4	0.025 0	2.7	0.80	158.9	4.2	159.2	5.0	163.9	47.3	158. 9	4.2
083	175	40741	1.2	20.300 6	11.5	0.1734	12.1	0.025 5	3.9	0.32	162.5	6.3	162.4	18.2	160.2	269.3	162. 5	6.3
100	423	21351	2.5	20.860 6	29.5	0.1024	29.8	0.015 5	4.4	0.15	99.1	4.4	99.0	28.1	96.2	710.6	99.1	4.4
101	175	5039	5.8	28.352 3	51.2	0.0755	52.0	0.015 5	9.0	0.17	99.3	8.9	73.9	37.0	-687.3	1502. 1	99.3	8.9
102	358	10592	4.0	10.933 9	106 3.4	-	-	-	-	-	4.4	182.2	-	1456.2	0.0	99.7	4.4	
103	539	50351	3.7	23.925 0	36.8	0.0902	37.7	0.015 6	8.2	0.22	100.1	8.1	87.7	31.7	-238.7	957.9	100. 1	8.1
105	251	23293	3.3	27.654 6	52.2	0.0828	53.1	0.016 6	9.9	0.19	106.1	10.4	80.7	41.3	-618.8	1514. 5	106. 1	10. 4
106	896	64473	2.3	20.724 0	7.2	0.1511	8.2	0.022 7	3.9	0.48	144.7	5.6	142.9	11.0	111.7	171.3	144. 7	5.6
108	98	7695	1.4	23.938 5	29.6	0.1331	30.1	0.023 1	4.9	0.16	147.3	7.2	126.9	35.9	-240.1	762.9	147. 3	7.2
109	480	16162	3.5	20.324 6	60.3	0.1660	61.0	0.024 5	8.8	0.14	155.8	13.5	155.9	88.4	157.4	1552. 9	155. 8	13. 5
110	266	18311	1.5	19.633 9	5.9	0.3006	7.8	0.042 8	5.1	0.66	270.2	13.6	266.9	18.3	237.8	135.3	270. 2	13. 6

**ED070813-065 – Middle of the Radio Tower stratigraphic section**

073	204	7069	1.6	11.749 8	211. 8	0.0875	211.9	0.007 5	5.9	0.03	47.9	2.8	85.2	174. 9	1318.0	729.9	47.9	2.8
015	129	10112	4.9	18.609 4	46.1	0.0967	46.8	0.013 1	8.4	0.18	83.6	7.0	93.8	42.0	360.0	1095. 1	83.6	7.0
007	193	7815	3.3	19.715 5	14.2	0.0975	15.0	0.013 9	4.9	0.33	89.3	4.3	94.5	13.6	228.2	329.6	89.3	4.3
060	374	21832	25.4	21.365 4	15.5	0.0913	15.9	0.014 2	3.8	0.24	90.6	3.4	88.7	13.6	39.3	372.4	90.6	3.4
043	210	10803	2.5	22.070 6	32.9	0.0890	33.5	0.014 2	6.2	0.19	91.2	5.6	86.6	27.8	-39.0	818.3	91.2	5.6
036	215	20360	5.3	26.080 8	32.2	0.0756	32.6	0.014 3	5.0	0.15	91.5	4.5	74.0	23.3	-461.5	869.6	91.5	4.5
041	739	38378	2.7	21.245 2	7.7	0.0935	7.8	0.014 4	1.6	0.21	92.2	1.5	90.8	6.8	52.8	183.0	92.2	1.5
052	317	11513	2.4	26.872 0	25.6	0.0740	25.8	0.014 4	2.7	0.11	92.3	2.5	72.5	18.0	-541.0	697.1	92.3	2.5
044	332	10716	3.5	20.245 9	8.6	0.0982	8.9	0.014 4	2.2	0.25	92.3	2.1	95.1	8.1	166.5	201.5	92.3	2.1
076	269	13439	2.5	21.058 7	19.7	0.0945	20.0	0.014 4	3.1	0.16	92.4	2.9	91.7	17.5	73.8	472.5	92.4	2.9
075	229	11073	5.3	21.283 1	17.2	0.0936	17.5	0.014 4	3.0	0.17	92.4	2.8	90.8	15.2	48.5	413.7	92.4	2.8
050	2586	84653	4.6	20.505 4	1.2	0.0973	1.7	0.014 5	1.3	0.73	92.6	1.2	94.3	1.6	136.7	27.9	92.6	1.2
026	477	67066	3.7	20.163 4	8.1	0.0992	8.3	0.014 5	1.7	0.20	92.8	1.6	96.0	7.6	176.0	190.1	92.8	1.6
010	1042	66042	3.0	21.052 9	7.6	0.0954	7.7	0.014 6	1.2	0.15	93.2	1.1	92.5	6.8	74.4	180.4	93.2	1.1
046	176	20484	2.2	26.944 3	46.5	0.0746	47.0	0.014 6	6.7	0.14	93.3	6.2	73.0	33.1	-548.3	1309. 9	93.3	6.2
042	199	11987	2.3	21.162 4	18.1	0.0950	18.3	0.014 6	2.7	0.15	93.3	2.5	92.2	16.1	62.1	433.0	93.3	2.5
045	163	6060	1.4	23.102 4	34.9	0.0875	35.3	0.014 7	5.7	0.16	93.9	5.4	85.2	28.9	-151.1	888.7	93.9	5.4
002	174	8523	2.7	21.965 7	19.1	0.0922	20.1	0.014 7	6.2	0.31	94.0	5.8	89.6	17.2	-27.4	467.1	94.0	5.8
028	73	4189	3.7	14.780 5	37.5	0.1371	38.1	0.014 7	6.6	0.17	94.0	6.1	130.4	46.6	858.0	806.4	94.0	6.1
047	191	10704	5.4	21.654 4	26.6	0.0938	26.9	0.014 7	4.3	0.16	94.2	4.0	91.0	23.5	7.0	650.3	94.2	4.0
064	257	12096	1.6	21.689 3	14.9	0.0937	15.5	0.014 7	4.1	0.26	94.3	3.8	90.9	13.5	3.1	361.2	94.3	3.8
053	215	7626	5.2	21.174 7	13.0	0.0968	15.3	0.014 9	8.0	0.52	95.1	7.6	93.8	13.7	60.7	310.7	95.1	7.6
059	352	26557	2.8	20.864 1	15.8	0.0983	16.2	0.014 9	3.4	0.21	95.2	3.2	95.2	14.7	95.8	375.9	95.2	3.2
088	1776	91284	7.5	20.622 5	2.7	0.0995	2.9	0.014 9	0.8	0.28	95.2	0.8	96.3	2.6	123.3	64.6	95.2	0.8
032	255	14318	2.8	22.681 0	13.9	0.0905	16.5	0.014 9	8.8	0.54	95.3	8.4	88.0	13.9	-105.7	343.9	95.3	8.4
049	204	7693	2.4	23.199 5	16.5	0.0886	17.5	0.014 9	5.8	0.33	95.3	5.5	86.2	14.5	-161.6	412.7	95.3	5.5
030	141	5198	4.7	15.497 1	24.6	0.1327	25.4	0.014 9	6.3	0.25	95.4	6.0	126.5	30.3	759.0	527.3	95.4	6.0
008	244	11258	-	18.603 5	18.9	0.1105	19.1	0.014 9	2.5	0.13	95.4	2.4	106.4	19.3	360.7	430.6	95.4	2.4

071	137	8830	4.1	18.490 4	27.6	0.1115	27.9	0.014 9	4.1	0.15	95.6	3.9	107.3	28.4	374.4	631.2	95.6	3.9
058	517	34528	3.5	21.558 2	6.1	0.0959	6.7	0.015 0	2.6	0.39	95.9	2.5	93.0	5.9	17.7	147.4	95.9	2.5
005	226	9775	3.0	19.685 5	13.1	0.1050	13.6	0.015 0	3.4	0.25	95.9	3.2	101.4	13.1	231.7	304.5	95.9	3.2
037	1231	10987	10.1	20.478 0	3.5	0.1010	3.8	0.015 0	1.5	0.39	96.0	1.4	97.7	3.6	139.8	82.6	96.0	1.4
061	224	10682	2.6	23.192 5	56.8	0.0892	56.9	0.015 0	3.0	0.05	96.0	2.9	86.8	47.3	-160.8	1527. 0	96.0	2.9
019	147	7583	3.2	20.586 7	25.5	0.1006	26.9	0.015 0	8.6	0.32	96.1	8.2	97.3	25.0	127.4	608.4	96.1	8.2
089	263	14148	2.3	21.544 6	22.1	0.0961	22.3	0.015 0	2.8	0.13	96.1	2.7	93.2	19.9	19.3	536.9	96.1	2.7
067	116	7993	2.6	16.779 6	31.0	0.1235	32.2	0.015 0	8.9	0.28	96.1	8.5	118.2	36.0	588.9	686.7	96.1	8.5
066	334	22883	3.8	22.261 2	7.7	0.0931	8.2	0.015 0	2.7	0.33	96.2	2.6	90.4	7.1	-59.9	188.9	96.2	2.6
077	173	12094	2.2	21.449 7	25.2	0.0967	26.3	0.015 0	7.4	0.28	96.2	7.1	93.7	23.5	29.8	612.6	96.2	7.1
051	357	28782	2.2	23.196 7	13.9	0.0895	14.2	0.015 1	3.2	0.22	96.4	3.0	87.1	11.9	-161.3	346.2	96.4	3.0
081	146	21856	2.6	27.181 1	27.9	0.0765	28.4	0.015 1	5.3	0.19	96.4	5.1	74.8	20.5	-571.9	767.0	96.4	5.1
024	546	21457	1.6	20.870 9	7.6	0.1001	7.8	0.015 1	1.8	0.23	96.9	1.7	96.9	7.2	95.0	179.9	96.9	1.7
020	255	8112	5.6	22.291 7	17.2	0.0941	17.8	0.015 2	4.3	0.24	97.3	4.2	91.3	15.5	-63.2	422.7	97.3	4.2
011	284	17692	1.7	25.680 5	33.8	0.0818	33.9	0.015 2	3.3	0.10	97.5	3.2	79.8	26.1	-420.8	906.2	97.5	3.2
090	181	2431	2.2	17.841 0	20.1	0.1185	20.7	0.015 3	5.1	0.25	98.1	5.0	113.7	22.3	454.4	449.6	98.1	5.0
040	131	7208	2.7	23.235 3	20.9	0.0911	21.4	0.015 3	4.7	0.22	98.2	4.6	88.5	18.2	-165.4	525.2	98.2	4.6
068	1048	55490	3.0	21.344 2	3.6	0.0994	4.2	0.015 4	2.3	0.53	98.4	2.2	96.2	3.9	41.7	85.4	98.4	2.2
013	311	19040	5.2	22.707 3	17.8	0.0935	17.9	0.015 4	1.9	0.11	98.5	1.8	90.7	15.5	-108.5	441.3	98.5	1.8
056	283	4571	2.1	21.533 3	18.1	0.0991	18.2	0.015 5	2.5	0.13	99.0	2.4	95.9	16.7	20.5	436.6	99.0	2.4
009	93	8412	3.9	25.110 6	82.4	0.0850	82.6	0.015 5	6.6	0.08	99.1	6.4	82.9	65.8	-362.3	2645. 0	99.1	6.4
035	792	22860	2.5	21.517 4	3.9	0.1004	4.2	0.015 7	1.6	0.38	100.2	1.6	97.1	3.9	22.3	94.3	100. 2	1.6
085	352	20515	8.2	20.818 4	11.7	0.1046	12.2	0.015 8	3.5	0.28	101.1	3.5	101.1	11.7	101.0	277.5	101. 1	3.5
072	159	6037	4.0	25.409 1	21.8	0.0861	22.4	0.015 9	5.1	0.23	101.5	5.1	83.9	18.0	-393.0	572.7	101. 5	5.1
038	107	4959	3.0	18.894 3	126. 7	0.1165	126.8	0.016 0	6.3	0.05	102.1	6.4	111.9	135. 1	325.6	1003. 9	102. 1	6.4
070	1238	37103	0.7	20.842 9	2.3	0.1066	2.9	0.016 1	1.8	0.61	103.1	1.8	102.9	2.8	98.2	54.2	103. 1	1.8
017	1136	43007	1.9	20.635 5	4.6	0.1098	5.1	0.016 4	2.0	0.40	105.1	2.1	105.8	5.1	121.8	109.4	105. 1	2.1
003	103	10790	1.6	30.174 5	64.4	0.0755	65.0	0.016 5	8.8	0.14	105.6	9.2	73.9	46.4	-863.0	2046. 1	105. 6	9.2
023	238	12460	1.4	24.195 8	34.4	0.0956	34.6	0.016 8	4.3	0.13	107.3	4.6	92.7	30.7	-267.2	895.1	107. 3	4.6
074	227	5409	3.7	21.065 0	11.9	0.1231	12.8	0.018 8	4.7	0.37	120.1	5.6	117.9	14.2	73.0	283.0	120. 1	5.6
083	369	20469	2.3	20.725 5	15.2	0.1264	15.9	0.019 0	4.7	0.30	121.3	5.7	120.9	18.1	111.5	359.4	121. 3	5.7
071	1152	59521	7.4	20.373 2	5.3	0.1322	5.5	0.019 5	1.7	0.31	124.7	2.1	126.0	6.6	151.8	123.6	124. 7	2.1
025	232	14920	0.9	22.351 4	12.6	0.1287	12.9	0.020 9	2.8	0.22	133.1	3.7	122.9	14.9	-69.8	307.8	133. 1	3.7
086	153	7539	1.8	22.384 4	22.2	0.1295	22.6	0.021 0	4.1	0.18	134.1	5.4	123.7	26.3	-73.4	549.2	134. 1	5.4
006	87	17404	1.7	16.993 3	20.2	0.1708	21.0	0.021 1	5.8	0.27	134.3	7.7	160.1	31.2	561.4	445.0	134. 3	7.7
031	51	3117	2.6	11.176 3	107. 1	0.2682	107.3	0.021 7	6.3	0.06	138.6	8.6	241.2	234. 4	1414.3	77.8	138. 6	8.6
021	831	49294	0.9	20.656 1	2.7	0.1459	3.0	0.021 9	1.4	0.46	139.3	1.9	138.2	3.9	119.5	63.3	139. 3	1.9
004	129	10932	0.9	30.878 4	32.9	0.0982	33.4	0.022 0	5.8	0.17	140.2	8.0	95.1	30.3	-929.8	980.5	140. 2	8.0
054	105	15268	1.5	22.773 2	32.5	0.1357	32.7	0.022 4	4.0	0.12	142.9	5.6	129.2	39.7	-115.6	819.7	142. 9	5.6
055	111	10838	2.0	24.754 1	24.2	0.1272	25.2	0.022 8	7.0	0.28	145.5	10.1	121.5	28.9	-325.5	629.0	145. 5	10. 1
027	112	6372	1.8	23.479 9	20.6	0.1342	21.1	0.022 9	4.5	0.21	145.7	6.4	127.9	25.3	-191.5	519.8	145. 7	6.4
014	404	31733	1.5	20.512 1	6.7	0.1547	7.2	0.023 0	2.7	0.37	146.7	3.9	146.1	9.8	135.9	157.3	146. 7	3.9
057	65	3743	2.2	29.708	44.9	0.1134	45.3	0.024	6.4	0.14	155.6	9.8	109.1	46.9	-818.5	1333.	155.	9.8

				5			4								9	6		
087	335	5865	2.4	19.330 1	6.8	0.1776	7.9	0.024 9	4.0	0.51	158.6	6.3	166.0	12.1	273.6	156.6	158. 6	6.3
062	84	4965	1.7	19.338 8	27.3	0.1783	27.7	0.025 0	4.4	0.16	159.3	7.0	166.6	42.5	272.6	636.3	159. 3	7.0
080	171	7905	1.2	22.188 2	17.3	0.1584	18.0	0.025 5	5.0	0.28	162.3	8.1	149.3	25.0	-51.9	423.6	162. 3	8.1
079	247	7815	2.2	19.833 0	13.3	0.2141	15.5	0.030 8	8.0	0.52	195.6	15.4	197.0	27.8	214.5	309.8	195. 6	15. 4
084	191	6818	0.9	18.378 6	8.3	0.3115	8.7	0.041 5	2.7	0.31	262.3	6.9	275.4	21.1	388.1	186.9	262. 3	6.9
065	470	17924	2.3	18.882 5	2.0	0.4004	3.6	0.054 8	3.0	0.83	344.1	10.0	341.9	10.4	327.0	44.7	344. 1	10. 0
R3	249	38465	0.8	18.264 4	2.9	0.4959	3.1	0.065 7	0.9	0.30	410.1	3.6	408.9	10.3	402.1	65.3	410. 1	3.6
082	146	44676	1.3	17.090 1	4.0	0.6897	6.4	0.085 5	5.0	0.78	528.8	25.2	532.6	26.5	549.1	87.4	528. 8	25. 2
033	436	66935	2.3	16.601 6	2.3	0.7255	8.0	0.087 3	7.7	0.96	539.8	39.7	553.9	34.2	612.0	50.1	539. 8	39. 7
048	40	31864	1.1	9.9116	1.9	3.7986	2.8	0.273 1	2.1	0.73	1556. 3	28.5	1592. 4	22.7	1640.6	36.0	164 0.6	36. 0
<b>ED070813-096 – Merry Canyon Rd., east of fault near Chumstick Highway</b>																		
001	682	72521	7.8	20.016 4	6.9	0.1090	7.4	0.015 8	2.9	0.39	101.2	2.9	105.1	7.4	193.1	159.9	101. 2	2.9
002	269	13004	1.2	21.250 9	21.4	0.0726	21.6	0.011 2	3.0	0.14	71.7	2.1	71.1	14.8	52.1	515.4	71.7	2.1
003	340	10658	6.8	18.461 9	10.2	0.0902	11.3	0.012 1	5.0	0.44	77.4	3.8	87.7	9.5	377.9	230.0	77.4	3.8
005	171	1142	1.6	16.641 5	38.6	0.0950	39.3	0.011 5	7.3	0.19	73.5	5.3	92.2	34.6	606.8	865.6	73.5	5.3
006	329	9376	1.5	21.791 1	28.4	0.0938	28.6	0.014 8	3.7	0.13	94.8	3.5	91.0	24.9	-8.1	697.7	94.8	3.5
009	737	76399	2.9	20.081 4	4.3	0.1741	6.4	0.025 4	4.7	0.74	161.4	7.5	162.9	9.6	185.5	100.1	161. 4	7.5
011	124	8239	2.3	19.705 5	47.0	0.1231	47.4	0.017 6	6.6	0.14	112.4	7.4	117.9	52.9	229.3	1144. 4	112. 4	7.4
012	909	23015	1.8	20.740 8	8.2	0.0849	8.6	0.012 8	2.5	0.29	81.8	2.1	82.8	6.8	109.8	194.5	81.8	2.1
017	606	542	1.4	15.114 6	27.0	0.0696	27.6	0.007 6	5.7	0.21	49.0	2.8	68.3	18.2	811.5	574.0	49.0	2.8
018	154	6548	1.5	17.810 8	19.4	0.0825	20.2	0.010 7	5.7	0.28	68.4	3.9	80.5	15.7	458.1	433.8	68.4	3.9
019	246	14253	2.0	21.143 3	11.8	0.1583	12.7	0.024 3	4.7	0.37	154.6	7.2	149.2	17.6	64.2	281.8	154. 6	7.2
020	602	23633	1.7	22.705 8	9.4	0.0890	9.5	0.014 7	1.5	0.16	93.8	1.4	86.6	7.9	-108.3	230.8	93.8	1.4
021	769	10041 7	3.9	20.450 9	4.8	0.1252	4.9	0.018 6	1.2	0.24	118.6	1.4	119.8	5.6	142.9	112.6	118. 6	1.4
022	212	21661	1.3	19.503 4	10.4	0.1841	10.8	0.026 0	3.0	0.27	165.7	4.8	171.6	17.1	253.1	240.0	165. 7	4.8
023	318	6998	1.2	21.910 6	13.0	0.0853	13.5	0.013 5	3.7	0.27	86.8	3.2	83.1	10.8	-21.3	315.9	86.8	3.2
025	116	3863	3.9	26.516 5	68.8	0.0880	69.1	0.016 9	5.6	0.08	108.1	6.0	85.6	56.8	-505.4	2074. 5	108. 1	6.0
026	2674	10396	1.6	20.057 6	4.2	0.0864	6.3	0.012 6	4.8	0.75	80.5	3.8	84.1	5.1	188.3	97.5	80.5	3.8
028	767	17805	0.2	20.210 2	2.5	0.2040	2.9	0.029 9	1.5	0.51	190.0	2.7	188.5	4.9	170.6	57.7	190. 0	2.7
029	150	3459	1.4	21.955 2	43.3	0.0724	43.9	0.011 5	7.4	0.17	73.9	5.5	71.0	30.1	-26.3	1094. 2	73.9	5.5
031	577	23771	5.6	20.809 7	8.2	0.1185	8.5	0.017 9	2.2	0.26	114.2	2.5	113.7	9.2	102.0	195.3	114. 2	2.5
032	118	9201	1.7	19.437 5	27.7	0.1319	28.3	0.018 6	5.8	0.20	118.8	6.8	125.8	33.5	260.9	647.6	118. 8	6.8
033	3443	80876	5.3	20.157 2	0.8	0.1798	1.5	0.026 3	1.2	0.82	167.2	2.0	167.9	2.3	176.7	19.7	167. 2	2.0
034	130	3107	1.5	16.727 9	91.7	0.0873	92.2	0.010 6	9.6	0.10	67.9	6.5	85.0	75.3	595.6	520.7	67.9	6.5
036	701	26553	19.7	21.269 0	8.4	0.0800	8.7	0.012 3	2.3	0.26	79.0	1.8	78.1	6.6	50.1	201.1	79.0	1.8
038	178	3506	1.3	23.872 9	20.5	0.0782	21.4	0.013 5	6.1	0.29	86.7	5.3	76.5	15.7	-233.2	520.4	86.7	5.3
040	504	9457	0.8	19.760 0	33.0	0.0524	33.2	0.007 5	3.3	0.10	48.3	1.6	51.9	16.8	223.0	782.9	48.3	1.6
042	182	8029	0.7	24.576 7	30.0	0.0868	30.4	0.015 5	4.8	0.16	99.0	4.7	84.5	24.6	-307.0	782.3	99.0	4.7
043	233	1168	0.8	20.410 4	10.9	0.1356	11.1	0.020 1	2.4	0.22	128.1	3.1	129.1	13.5	147.6	255.5	128. 1	3.1
045	143	6573	3.1	29.941 3	39.5	0.0785	40.3	0.017 0	8.0	0.20	108.9	8.6	76.7	29.8	-840.8	1167. 1	108. 9	8.6
046	1132	7634	1.2	22.402 1	8.2	0.0497	8.5	0.008 1	2.3	0.26	51.9	1.2	49.3	4.1	-75.3	201.9	51.9	1.2
047	256	17983	2.1	21.645 8	31.9	0.0961	33.2	0.015 1	9.3	0.28	96.5	8.9	93.2	29.6	8.0	784.8	96.5	8.9
048	715	18401	1.5	20.455	5.0	0.0899	7.4	0.013	5.5	0.74	85.4	4.6	87.4	6.2	142.4	118.0	85.4	4.6

**ED070813-098 – The pass into Plain along the Chumstick Highway**

053	56	1928	0.9	20.823 0	128. 1	0.0515	129.0	0.007 8	15.0	0.12	49.9	7.5	51.0	64.2	100.5	1207. 9	49.9	7.5
076	129	3294	3.3	22.436 5	29.8	0.0564	32.1	0.009 2	11.7	0.37	58.9	6.9	55.7	17.4	-79.1	744.2	58.9	6.9
015	94	2845	1.5	25.521 0	33.0	0.0558	35.8	0.010 3	13.9	0.39	66.2	9.1	55.1	19.2	-404.5	881.0	66.2	9.1
017	105	2965	1.4	26.511 3	47.8	0.0539	48.6	0.010 4	8.8	0.18	66.4	5.8	53.3	25.2	-504.9	1338. 9	66.4	5.8
009	526	40227	1.0	24.457 5	7.9	0.0586	8.7	0.010 4	3.8	0.43	66.6	2.5	57.8	4.9	-294.6	201.3	66.6	2.5
068	105	6507	1.6	16.894 5	38.1	0.0849	39.3	0.010 4	9.5	0.24	66.7	6.3	82.7	31.2	574.1	857.9	66.7	6.3
055	129	7206	1.2	23.838	45.4	0.0603	46.6	0.010	10.6	0.23	66.9	7.0	59.5	26.9	-229.5	1197.	66.9	7.0

				2				4								9		
023	175	16856	1.4	19.134 9	24.0	0.0754	25.2	0.010 5	7.9	0.31	67.1	5.3	73.8	18.0	296.8	553.6	67.1	5.3
096	91	2855	2.2	29.566 5	108. 9	0.0491	109.5	0.010 5	11.5	0.11	67.5	7.7	48.7	52.1	-804.8	0.0	67.5	7.7
059	119	6288	1.7	23.667 9	65.1	0.0613	65.2	0.010 5	3.5	0.05	67.5	2.3	60.5	38.3	-211.5	1823. 3	67.5	2.3
098	114	5246	1.8	21.860 3	51.7	0.0667	52.0	0.010 6	5.1	0.10	67.8	3.4	65.6	33.0	-15.8	1333. 3	67.8	3.4
056	69	2273	1.9	7.5361	192. 0	0.1956	192.5	0.010 7	15.1	0.08	68.5	10.3	181.4	331. 0	2133.9	15.7	68.5	10. 3
029	64	5839	2.1	11.459 0	104. 0	0.1294	104.9	0.010 8	13.7	0.13	69.0	9.4	123.6	122. 7	1366.4	90.3	69.0	9.4
039	102	5929	1.7	20.071 8	30.2	0.0740	31.4	0.010 8	8.4	0.27	69.0	5.7	72.4	21.9	186.6	718.7	69.0	5.7
074	101	7888	1.7	38.833 0	73.4	0.0382	73.8	0.010 8	7.5	0.10	69.0	5.2	38.1	27.6	NA	NA	69.0	5.2
057	102	3566	2.2	20.589 8	54.7	0.0722	55.0	0.010 8	5.7	0.10	69.1	3.9	70.8	37.6	127.0	1386. 4	69.1	3.9
047	307	12998	2.3	22.035 3	17.4	0.0675	17.7	0.010 8	3.1	0.17	69.2	2.1	66.3	11.4	-35.1	426.1	69.2	2.1
014	190	6758	2.0	26.904 8	33.9	0.0553	34.2	0.010 8	4.8	0.14	69.2	3.3	54.7	18.2	-544.3	931.6	69.2	3.3
067	57	3474	2.0	34.121 2	94.1	0.0437	94.7	0.010 8	11.3	0.12	69.3	7.8	43.4	40.3	-	2112. 0	69.3	7.8
110	299	15077	1.4	21.489 0	10.1	0.0694	10.8	0.010 8	3.8	0.36	69.4	2.6	68.1	7.1	25.4	241.8	69.4	2.6
087	126	5887	1.7	20.885 8	34.3	0.0714	35.4	0.010 8	8.8	0.25	69.4	6.0	70.1	24.0	93.3	835.1	69.4	6.0
089	60	2819	1.6	17.312 7	111. 2	0.0871	112.6	0.010 9	18.0	0.16	70.1	12.6	84.8	91.8	520.7	726.1	70.1	12. 6
062	173	6360	2.0	24.099 2	31.7	0.0628	32.3	0.011 0	6.2	0.19	70.4	4.4	61.9	19.4	-257.1	820.0	70.4	4.4
028	109	10578	2.7	22.956 3	50.2	0.0661	50.5	0.011 0	5.5	0.11	70.5	3.8	65.0	31.8	-135.4	1317. 7	70.5	3.8
066	97	3902	1.3	6.4979	264. 8	0.2337	265.0	0.011 0	9.9	0.04	70.6	7.0	213.2	560. 3	2389.6	107.6	70.6	7.0
036	122	4328	1.4	20.007 6	34.5	0.0779	35.4	0.011 3	7.9	0.22	72.5	5.7	76.2	26.0	194.1	824.5	72.5	5.7
040	281	13471	1.5	20.894 4	7.9	0.0749	8.3	0.011 3	2.3	0.28	72.7	1.7	73.3	5.8	92.3	188.2	72.7	1.7
012	107	11681	1.8	31.612 4	38.9	0.0504	39.5	0.011 5	6.8	0.17	74.0	5.0	49.9	19.2	NA	NA	74.0	5.0
071	117	4974	2.1	23.901 3	55.3	0.0667	55.4	0.011 6	4.2	0.08	74.1	3.1	65.5	35.2	-236.2	1500. 2	74.1	3.1
042	107	3409	2.3	16.600 1	25.8	0.0963	26.6	0.011 6	6.5	0.24	74.3	4.8	93.3	23.8	612.2	567.1	74.3	4.8
013	273	11593	1.8	21.399 5	16.7	0.0749	17.0	0.011 6	2.8	0.17	74.5	2.1	73.4	12.0	35.4	402.7	74.5	2.1
077	259	13756	1.8	21.048 6	14.1	0.0768	14.2	0.011 7	2.3	0.16	75.1	1.7	75.1	10.3	74.9	335.4	75.1	1.7
111	106	8779	1.0	19.219 2	21.6	0.0847	23.6	0.011 8	9.5	0.40	75.6	7.1	82.5	18.7	286.8	498.2	75.6	7.1
086	45	2383	1.4	13.321 2	43.1	0.1223	46.5	0.011 8	17.3	0.37	75.7	13.0	117.1	51.4	1070.4	909.7	75.7	13. 0
105	270	14524	9.4	21.933 2	32.0	0.0743	32.2	0.011 8	3.9	0.12	75.7	2.9	72.7	22.6	-23.8	791.5	75.7	2.9
020	246	18189	3.7	24.906 0	17.1	0.0655	17.4	0.011 8	3.3	0.19	75.9	2.5	64.5	10.9	-341.2	443.5	75.9	2.5
033	66	3008	1.3	17.516 8	92.1	0.0935	92.7	0.011 9	10.5	0.11	76.1	8.0	90.8	80.6	494.9	593.7	76.1	8.0
090	115	3493	1.1	23.422 9	43.9	0.0700	44.3	0.011 9	6.4	0.14	76.2	4.8	68.7	29.4	-185.4	1144. 1	76.2	4.8
018	76	6460	2.1	4.4190	435. 2	0.3724	435.3	0.011 9	7.3	0.02	76.5	5.5	321.4	-	3026.0	104.9	76.5	5.5
031	96	22888	1.4	19.692 7	33.1	0.0837	34.5	0.012 0	9.6	0.28	76.6	7.3	81.6	27.1	230.8	784.8	76.6	7.3
030	123	8376	1.6	25.142 8	60.0	0.0656	60.2	0.012 0	5.1	0.08	76.6	3.9	64.5	37.6	-365.7	1694. 9	76.6	3.9
003	245	20500	1.1	19.708 2	13.7	0.0841	14.6	0.012 0	5.0	0.34	77.1	3.9	82.0	11.5	229.0	317.3	77.1	3.9
005	48	1841	1.3	28.711 0	71.3	0.0579	72.9	0.012 0	15.5	0.21	77.2	11.9	57.1	40.5	-722.2	2269. 0	77.2	11. 9
008	153	9953	2.6	19.915 4	23.5	0.0839	24.0	0.012 1	5.2	0.21	77.6	4.0	81.8	18.9	204.9	551.3	77.6	4.0
061	73	4106	1.4	19.505 1	79.1	0.0857	79.5	0.012 1	8.2	0.10	77.7	6.3	83.5	63.8	253.0	2230. 7	77.7	6.3
108	178	6015	4.3	20.530 7	21.8	0.0844	23.4	0.012 6	8.4	0.36	80.6	6.7	82.3	18.5	133.8	518.9	80.6	6.7
106	672	14033	0.7	20.362 4	7.1	0.0856	7.4	0.012 6	1.9	0.25	81.0	1.5	83.4	5.9	153.1	167.2	81.0	1.5
048	1090	51135	2.6	20.762 9	3.2	0.0846	3.3	0.012 7	0.8	0.24	81.6	0.6	82.4	2.6	107.3	75.2	81.6	0.6
072	366	26391	1.8	19.928 5	14.4	0.0884	14.5	0.012 8	1.9	0.13	81.9	1.6	86.0	12.0	203.3	335.0	81.9	1.6

049	711	83558	2.1	20.923 4	6.6	0.0850	6.8	0.012 9	1.6	0.24	82.6	1.3	82.8	5.4	89.1	157.2	82.6	1.3
070	197	16343	1.7	20.633 4	13.2	0.0864	13.7	0.012 9	3.8	0.28	82.9	3.2	84.2	11.1	122.0	311.0	82.9	3.2
085	164	9798	1.0	22.569 0	24.1	0.0796	25.3	0.013 0	8.0	0.31	83.5	6.6	77.8	19.0	-93.5	597.7	83.5	6.6
084	238	18347	20.5	21.002 1	14.5	0.0867	15.0	0.013 2	3.9	0.26	84.6	3.3	84.4	12.2	80.1	346.4	84.6	3.3
079	70	4184	0.7	31.502 5	81.1	0.0580	81.3	0.013 2	6.2	0.08	84.8	5.2	57.2	45.3	-988.6	2897. 6	84.8	5.2
044	177	8789	1.8	28.927 5	24.5	0.0650	24.9	0.013 6	4.6	0.19	87.3	4.0	64.0	15.4	-743.2	694.5	87.3	4.0
081	194	10909	0.8	24.089 7	21.5	0.0782	22.0	0.013 7	4.7	0.21	87.5	4.1	76.5	16.2	-256.1	549.4	87.5	4.1
035	222	15365	1.4	22.320 2	18.1	0.0863	18.5	0.014 0	3.6	0.20	89.4	3.2	84.0	14.9	-66.4	445.5	89.4	3.2
054	66	7464	2.9	45.613 3	78.9	0.0431	79.1	0.014 3	5.1	0.06	91.3	4.6	42.9	33.2	NA	NA	91.3	4.6
083	235	8342	2.0	20.682 4	21.0	0.0958	21.2	0.014 4	2.9	0.14	92.0	2.7	92.9	18.8	116.5	500.4	92.0	2.7
007	122	10332	2.3	19.380 6	16.9	0.1024	17.8	0.014 4	5.8	0.33	92.1	5.3	99.0	16.8	267.6	389.2	92.1	5.3
104	184	9921	1.8	18.809 2	19.9	0.1082	20.5	0.014 8	5.3	0.26	94.5	4.9	104.4	20.4	335.9	453.9	94.5	4.9
001	104	9435	1.9	20.715 7	28.7	0.1004	29.1	0.015 1	4.2	0.15	96.5	4.1	97.2	26.9	112.6	690.9	96.5	4.1
107	164	10247	1.6	22.406 5	19.8	0.0937	20.3	0.015 2	4.9	0.24	97.4	4.7	90.9	17.7	-75.8	487.0	97.4	4.7
082	325	22825	3.4	23.081 5	13.5	0.0919	13.8	0.015 4	2.9	0.21	98.4	2.9	89.3	11.8	-148.9	336.3	98.4	2.9
038	228	9525	4.2	20.915 7	9.7	0.1015	10.0	0.015 4	2.7	0.27	98.5	2.7	98.2	9.4	89.9	229.3	98.5	2.7
073	293	42650	1.9	20.185 0	6.1	0.1055	6.6	0.015 4	2.5	0.38	98.8	2.4	101.9	6.4	173.5	142.2	98.8	2.4
024	180	14257	1.0	22.721 6	20.4	0.0943	20.5	0.015 5	2.0	0.10	99.4	2.0	91.5	17.9	-110.1	506.3	99.4	2.0
037	413	18828	0.8	19.864 6	7.5	0.1080	7.6	0.015 6	1.2	0.16	99.5	1.2	104.1	7.5	210.8	173.0	99.5	1.2
075	83	4735	2.0	15.258 1	139. 5	0.1413	139.6	0.015 6	5.8	0.04	100.0	5.8	134.2	177. 3	791.7	725.5	100. 0	5.8
002	256	14747	1.8	20.118 0	15.3	0.1075	15.6	0.015 7	3.0	0.19	100.3	3.0	103.7	15.4	181.3	358.9	100. 3	3.0
022	850	37602	2.0	20.980 7	4.1	0.1035	4.4	0.015 8	1.6	0.37	100.8	1.6	100.0	4.2	82.5	97.8	100. 8	1.6
069	203	10808	1.7	25.621 1	12.9	0.0852	14.4	0.015 8	6.4	0.44	101.3	6.4	83.0	11.5	-414.7	339.0	101. 3	6.4
052	576	57607	4.1	20.848 6	5.3	0.1049	5.4	0.015 9	0.9	0.17	101.5	0.9	101.3	5.2	97.5	125.5	101. 5	0.9
025	65	4274	1.9	33.304 3	79.1	0.0672	79.6	0.016 2	8.8	0.11	103.7	9.0	66.0	50.9	- 1156.2	1137. 9	103. 7	9.0
041	88	564	2.0	15.357 5	29.6	0.1459	32.6	0.016 2	13.7	0.42	103.9	14.1	138.3	42.2	778.0	635.4	103. 9	14. 1
050	57	3496	33.5	21.696 9	47.3	0.1074	48.3	0.016 9	9.5	0.20	108.0	10.2	103.6	47.6	2.3	1201. 5	108. 0	10. 2
063	244	19320	3.1	21.490 2	12.7	0.1094	12.8	0.017 1	1.8	0.14	109.0	2.0	105.4	12.8	25.3	305.5	109. 0	2.0
045	158	9940	4.2	23.400 9	16.7	0.1012	17.3	0.017 2	4.7	0.27	109.8	5.1	97.9	16.2	-183.1	418.5	109. 8	5.1
064	243	2827	4.3	19.190 4	7.2	0.1234	8.0	0.017 2	3.5	0.44	109.8	3.8	118.2	8.9	290.2	163.7	109. 8	3.8
060	297	15646	4.3	21.198 6	7.9	0.1148	8.2	0.017 6	2.0	0.25	112.8	2.3	110.3	8.5	58.0	188.4	112. 8	2.3
101	119	16347	4.4	20.783 1	38.3	0.1174	38.7	0.017 7	5.6	0.14	113.1	6.2	112.7	41.3	105.0	934.8	113. 1	6.2
109	359	19334	1.7	20.805 1	10.1	0.1206	10.2	0.018 2	1.1	0.11	116.2	1.3	115.6	11.1	102.5	239.2	116. 2	1.3
097	173	3659	3.5	17.269 6	18.4	0.1461	19.6	0.018 3	6.6	0.34	116.9	7.7	138.4	25.4	526.2	407.5	116. 9	7.7
034	201	22045	2.4	21.222 0	15.2	0.1226	15.5	0.018 9	3.2	0.21	120.5	3.8	117.4	17.2	55.4	363.9	120. 5	3.8
026	54	5891	1.3	24.031 6	50.4	0.1194	50.9	0.020 8	6.6	0.13	132.7	8.6	114.5	55.1	-250.0	1353. 5	132. 7	8.6
088	327	27003	5.0	20.831 0	7.3	0.1482	7.6	0.022 4	2.1	0.28	142.7	3.0	140.3	10.0	99.5	173.2	142. 7	3.0
010	98	10031	3.8	24.990 6	27.0	0.1272	27.3	0.023 1	3.9	0.14	147.0	5.7	121.6	31.3	-350.0	707.5	147. 0	5.7
100	259	28994	1.1	20.037 9	6.2	0.1646	6.2	0.023 9	1.0	0.15	152.4	1.4	154.7	9.0	190.6	143.7	152. 4	1.4
032	38	4712	3.2	15.418 2	118. 9	0.2153	119.3	0.024 1	10.0	0.08	153.3	15.1	198.0	217. 9	769.7	598.8	153. 3	15. 1
011	213	8049	0.9	19.509 9	9.0	0.1789	9.1	0.025 3	1.5	0.17	161.1	2.4	167.1	14.0	252.4	207.0	161. 1	2.4
103	143	17891	2.7	22.905 1	15.9	0.1539	16.2	0.025 6	2.9	0.18	162.7	4.6	145.3	21.9	-129.9	395.7	162. 7	4.6
006	150	37953	1.4	20.106	12.1	0.1755	12.2	0.025	2.0	0.17	162.9	3.3	164.2	18.5	182.6	281.6	162.	3.3

				5			6								9			
016	199	21718	1.5	19.897 3	9.5	0.1783	10.5	0.025 7	4.4	0.42	163.8	7.1	166.6	16.1	207.0	221.1	163. 8	7.1
095	598	76771	2.2	20.367 5	4.1	0.1779	4.3	0.026 3	1.2	0.28	167.2	2.0	166.2	6.6	152.5	96.4	167. 2	2.0
099	353	24107	3.1	21.146 1	7.5	0.1714	7.6	0.026 3	1.6	0.21	167.3	2.6	160.7	11.3	63.9	177.8	167. 3	2.6
046	67	8109	1.8	20.467 7	30.6	0.1794	31.1	0.026 6	5.4	0.17	169.4	9.1	167.5	48.0	141.0	733.2	169. 4	9.1
021	257	30259	0.9	19.567 4	9.6	0.1884	9.7	0.026 7	1.4	0.15	170.1	2.4	175.3	15.6	245.6	220.7	170. 1	2.4
102	316	40585	0.8	20.285 5	4.6	0.1830	5.1	0.026 9	2.1	0.41	171.2	3.5	170.6	8.0	161.9	108.4	171. 2	3.5
043	115	35021	2.9	21.404 8	16.3	0.1737	16.8	0.027 0	4.0	0.24	171.6	6.7	162.7	25.3	34.9	393.1	171. 6	6.7
080	305	63644 3	3.4	11.364 4	0.4	2.8563	0.9	0.235 4	0.8	0.88	1362. 8	9.7	1370. 5	6.8	1382.3	8.3	138 2.3	8.3
065	464	45113 1	1.5	10.904 8	0.5	2.8776	2.9	0.227 6	2.9	0.99	1321.	34.3	1376. 1	21.9	1461.2	9.1	146 1.2	9.1

**ED070813-101 – Base of the Clark Canyon stratigraphic section, west of the ECFZ**

058	1104	32515	92.5	20.617 9	4.4	0.0640	8.4	0.009 6	7.1	0.85	61.4	4.3	62.9	5.1	123.8	104.5	61.4	4.3
050	597	57966	3.8	18.820 6	6.3	0.0726	6.6	0.009 9	2.0	0.31	63.6	1.3	71.2	4.5	334.5	142.2	63.6	1.3
060	162	3554	2.5	20.353 3	20.6	0.0729	22.1	0.010 8	8.0	0.36	69.0	5.5	71.4	15.3	154.1	487.7	69.0	5.5
042	99	3030	1.7	22.483 8	55.9	0.0673	56.5	0.011 0	8.1	0.14	70.4	5.6	66.2	36.2	-84.2	1478. 8	70.4	5.6
046	121	4053	1.8	25.749 1	39.4	0.0591	39.9	0.011 0	6.4	0.16	70.8	4.5	58.3	22.6	-427.8	1068. 4	70.8	4.5
026	300	6170	1.6	19.438 2	15.4	0.0788	15.9	0.011 1	4.0	0.25	71.2	2.8	77.0	11.8	260.8	354.4	71.2	2.8
103	290	20597	1.4	19.502 5	18.8	0.0789	19.0	0.011 2	2.9	0.15	71.6	2.1	77.1	14.1	253.2	436.2	71.6	2.1
104	569	12085	2.3	21.639 4	13.1	0.0712	14.2	0.011 2	5.4	0.38	71.7	3.8	69.9	9.6	8.7	317.5	71.7	3.8
066	262	13709	1.9	21.619 0	14.7	0.0723	15.0	0.011 3	2.9	0.20	72.6	2.1	70.9	10.2	11.0	354.8	72.6	2.1
093	119	3764	1.5	22.253 2	46.8	0.0709	47.5	0.011 4	8.2	0.17	73.3	6.0	69.5	31.9	-59.0	1200. 3	73.3	6.0
049	327	4437	1.0	20.963 3	17.2	0.0755	17.7	0.011 5	4.2	0.24	73.6	3.1	74.0	12.6	84.5	411.0	73.6	3.1
031	387	6224	1.2	19.916 3	11.4	0.0795	11.7	0.011 5	2.6	0.23	73.6	1.9	77.7	8.7	204.8	264.3	73.6	1.9
007	320	8205	1.6	20.396 7	18.3	0.0783	18.7	0.011 6	3.8	0.21	74.3	2.8	76.6	13.8	149.1	432.0	74.3	2.8
012	241	25407	4.6	23.944 5	38.1	0.0668	38.4	0.011 6	4.7	0.12	74.3	3.5	65.7	24.4	-240.8	993.4	74.3	3.5
025	316	15866	2.9	23.072 6	26.1	0.0696	26.2	0.011 6	2.4	0.09	74.6	1.8	68.3	17.3	-147.9	657.3	74.6	1.8
013	249	18537	1.4	20.200 7	26.9	0.0796	27.3	0.011 7	4.7	0.17	74.7	3.5	77.7	20.4	171.7	638.0	74.7	3.5
004	152	11762	1.2	20.221 2	28.3	0.0797	29.0	0.011 7	6.6	0.23	75.0	4.9	77.9	21.8	169.3	672.2	75.0	4.9
029	965	34150	1.6	21.224 9	5.6	0.0782	6.2	0.012 0	2.7	0.43	77.1	2.1	76.4	4.6	55.0	133.9	77.1	2.1
090	92	5565	1.3	19.336 5	37.7	0.0858	38.5	0.012 0	7.8	0.20	77.1	6.0	83.6	30.9	272.8	892.8	77.1	6.0
071	138	4899	1.7	16.997 7	24.0	0.0978	25.1	0.012 1	7.2	0.29	77.2	5.5	94.7	22.7	560.9	530.4	77.2	5.5
077	551	28342	1.7	20.157 7	4.2	0.0839	4.6	0.012 3	1.9	0.41	78.6	1.5	81.8	3.6	176.7	98.5	78.6	1.5
035	153	7763	1.4	19.388 6	23.2	0.0876	24.0	0.012 3	6.0	0.25	78.9	4.7	85.2	19.6	266.7	539.7	78.9	4.7
091	347	13543	3.0	21.257 2	14.3	0.0812	14.8	0.012 5	3.9	0.26	80.2	3.1	79.3	11.3	51.4	341.9	80.2	3.1
089	153	10247	3.6	19.849 6	26.1	0.0888	26.7	0.012 8	5.6	0.21	81.9	4.6	86.4	22.1	212.5	614.8	81.9	4.6
044	482	1719	17.0	20.363 0	24.0	0.0887	24.7	0.013 1	5.6	0.23	83.9	4.6	86.3	20.4	153.0	570.4	83.9	4.6
095	80	4436	1.1	14.667 2	44.1	0.1238	44.6	0.013 2	6.8	0.15	84.3	5.7	118.5	49.9	874.0	959.0	84.3	5.7
055	367	13420	2.8	22.158 8	12.3	0.0858	12.4	0.013 8	1.8	0.15	88.3	1.6	83.6	10.0	-48.7	300.2	88.3	1.6
023	806	28944	35.2	21.584 8	4.1	0.0894	4.3	0.014 0	1.4	0.32	89.6	1.2	87.0	3.6	14.8	97.5	89.6	1.2
097	163	5732	1.6	19.551 5	18.3	0.0995	18.9	0.014 1	4.9	0.26	90.3	4.4	96.3	17.4	247.5	424.1	90.3	4.4
010	311	11315	1.4	20.909 7	15.8	0.0934	16.0	0.014 2	2.5	0.16	90.6	2.3	90.6	13.8	90.6	375.4	90.6	2.3
011	280	16478	2.4	20.916 7	9.1	0.0946	9.7	0.014 4	3.4	0.35	91.9	3.1	91.8	8.5	89.8	215.8	91.9	3.1
041	149	12911	2.2	27.843 6	34.1	0.0713	34.6	0.014 4	5.3	0.15	92.1	4.8	69.9	23.3	-637.4	958.3	92.1	4.8
039	91	5036	2.4	24.805	47.3	0.0810	47.6	0.014	6.1	0.13	93.3	5.6	79.1	36.3	-330.8	1277.	93.3	5.6

				4			6								9		
048	108	4126	1.9	23.687 7	35.1	0.0865	35.3	0.014 9	4.5	0.13	95.0	4.2	84.2	28.6	-213.6	904.6	95.0
014	154	8121	5.3	18.728 0	20.6	0.1097	21.0	0.014 9	4.1	0.20	95.4	3.9	105.7	21.1	345.7	471.1	95.4
015	305	18405	1.3	20.467 6	17.7	0.1005	18.0	0.014 9	2.9	0.16	95.5	2.8	97.2	16.7	141.0	419.3	95.5
082	1046	84126	1.9	20.345 5	6.7	0.1028	7.2	0.015 2	2.8	0.39	97.1	2.7	99.4	6.8	155.1	156.2	97.1
096	512	27709	1.1	21.945 7	10.4	0.0960	10.9	0.015 3	3.3	0.30	97.7	3.2	93.0	9.7	-25.2	253.0	97.7
017	118	6550	2.8	24.341 7	24.1	0.0873	25.7	0.015 4	8.9	0.35	98.6	8.8	85.0	21.0	-282.5	621.8	98.6
068	165	7989	1.3	27.292 1	34.9	0.0806	35.9	0.015 9	8.3	0.23	102.0	8.4	78.7	27.2	-582.9	969.0	102. 0
079	126	3579	1.4	21.654 5	23.1	0.1052	25.1	0.016 5	9.8	0.39	105.6	10.2	101.5	24.2	7.0	561.8	105. 6
054	84	4025	1.4	25.844 7	34.4	0.0973	34.9	0.018 2	5.6	0.16	116.5	6.4	94.2	31.4	-437.5	927.9	116. 5
008	457	24466	1.5	20.681 1	8.2	0.1225	8.3	0.018 4	1.6	0.19	117.4	1.9	117.3	9.2	116.6	192.7	117. 4
009	102	19631	2.6	21.868 5	23.5	0.1322	24.3	0.021 0	6.2	0.26	133.7	8.3	126.0	28.8	-16.7	575.3	133. 7
073	219	28898	2.0	21.251 0	17.5	0.1413	18.7	0.021 8	6.7	0.36	138.9	9.2	134.2	23.6	52.1	420.5	138. 9
105	96	8119	3.1	25.648 2	24.8	0.1175	25.5	0.021 9	5.8	0.23	139.4	8.0	112.8	27.2	-417.5	658.2	139. 4
018	138	12095	6.8	24.691 0	28.3	0.1248	29.0	0.022 3	6.4	0.22	142.4	9.0	119.4	32.7	-318.9	739.3	142. 4
102	105	18046	2.2	21.243 5	25.6	0.1488	26.1	0.022 9	5.2	0.20	146.1	7.5	140.8	34.3	52.9	618.7	146. 1
034	828	45982	6.5	19.929 9	3.7	0.1590	4.8	0.023 0	3.1	0.64	146.5	4.4	149.8	6.7	203.1	85.5	146. 5
059	118	9374	2.4	23.460 4	23.7	0.1373	23.9	0.023 4	2.8	0.12	148.9	4.1	130.6	29.3	-189.4	600.6	148. 9
032	59	3448	1.7	23.671 0	49.1	0.1382	49.3	0.023 7	4.6	0.09	151.2	6.9	131.5	60.9	-211.8	1302. 8	151. 2
001	77	3978	2.5	18.837 3	34.2	0.1738	34.7	0.023 7	5.5	0.16	151.2	8.3	162.7	52.2	332.5	797.5	151. 2
063	278	9083	2.6	20.686 7	8.3	0.1623	10.3	0.024 3	6.0	0.59	155.1	9.2	152.7	14.6	116.0	196.8	155. 1
040	127	16077	2.0	18.099 7	11.1	0.1861	11.3	0.024 4	2.4	0.21	155.6	3.7	173.3	18.0	422.3	247.6	155. 6
030	276	27582	2.0	20.025 8	4.1	0.1687	4.9	0.024 5	2.7	0.55	156.0	4.2	158.3	7.2	192.0	94.6	156. 0
005	627	59060	1.2	20.264 4	5.3	0.1713	5.6	0.025 2	1.7	0.31	160.2	2.8	160.5	8.3	164.4	124.8	160. 2
084	211	15077	2.8	20.878 5	7.2	0.1690	8.2	0.025 6	4.1	0.50	162.9	6.6	158.6	12.1	94.1	169.7	162. 9
088	936	21757	1.8	20.205 7	4.0	0.1806	6.6	0.026 5	5.3	0.80	168.4	8.8	168.6	10.3	171.1	93.5	168. 4
106	491	12187	2.2	20.292 3	3.3	0.1845	3.8	0.027 2	1.9	0.50	172.7	3.2	171.9	5.9	161.2	76.2	172. 7
003	44	6371	2.2	26.713 1	41.0	0.1404	41.8	0.027 2	8.5	0.20	173.1	14.5	133.4	52.4	-525.1	1136. 9	173. 1
028	162	12392	2.3	20.650 4	16.7	0.1820	17.5	0.027 3	5.1	0.29	173.3	8.8	169.8	27.3	120.1	395.8	173. 3
081	171	18810	2.6	20.663 9	15.1	0.1962	15.7	0.029 4	4.4	0.28	186.9	8.0	181.9	26.1	118.6	357.1	186. 9
108	233	23413	5.2	19.083 8	11.6	0.2373	12.4	0.032 8	4.4	0.35	208.3	9.0	216.2	24.2	302.9	265.3	208. 3
045	650	44491	23.3	11.547 8	1.7	0.4038	5.6	0.033 8	5.3	0.95	214.4	11.1	344.4	16.2	1351.5	32.8	214. 4
024	632	27629	0.8	19.139 3	2.0	0.2894	2.7	0.040 2	1.8	0.65	253.9	4.4	258.0	6.1	296.3	46.7	253. 9
086	529	43839	7.3	14.983 1	15.2	0.3855	16.3	0.041 9	5.7	0.35	264.6	14.9	331.1	46.0	829.7	319.0	264. 6
056	691	88563	3.5	13.437 4	3.8	0.5280	4.8	0.051 5	2.9	0.61	323.5	9.2	430.5	16.8	1052.9	76.3	323. 5
033	292	52213	1.6	16.546 5	2.7	0.6420	3.7	0.077 0	2.5	0.68	478.5	11.5	503.6	14.6	619.2	58.1	478. 5
036	208	64990	2.1	17.515 3	2.8	0.6233	4.1	0.079 2	3.0	0.73	491.2	14.0	491.9	15.8	495.1	61.0	491. 2
080	185	65969	1.8	17.221 1	3.7	0.6657	6.1	0.083 1	4.9	0.80	514.9	24.0	518.1	24.7	532.4	80.3	514. 0
047	253	94573	1.2	16.457 2	2.8	0.8547	9.1	0.102 0	8.7	0.95	626.2	51.8	627.2	42.7	630.9	61.3	626. 8
072	212	13187	3.1	11.461 2	0.9	2.5551	2.5	0.212 4	2.3	0.93	1241. 5	26.4	1287. 9	18.3	1366.0	17.3	136. 3
006	1374	24240	6.6	11.448 6	0.2	2.4100	1.3	0.200 1	1.3	0.99	1175. 9	14.1	1245. 6	9.5	1368.1	4.0	136. 8.1
057	528	33026	2.3	11.391 4	0.3	2.7442	2.0	0.226 7	1.9	0.99	1317. 3	23.2	1340. 5	14.7	1377.8	6.3	137. 7.8
075	868	85977	11.6	11.282 5	0.3	2.9745	1.6	0.243 4	1.6	0.99	1404. 3	20.2	1401. 1	12.3	1396.2	5.0	139. 6.2

076	137	64306	1.9	10.930 6	0.9	2.9426	1.5	0.233 3	1.1	0.77	1351. 6	14.0	1392. 9	11.3	1456.7	18.0	145. 6.7	18. 0
021	416	28337 7	9.6	9.9992	1.0	3.0904	1.4	0.224 1	0.9	0.67	1303. 6	10.9	1430. 3	10.5	1624.2	19.0	162. 4.2	19. 0
027	201	20035 0	1.9	9.6373	0.4	4.5239	5.0	0.316 2	5.0	1.00	1771. 2	76.9	1735. 4	41.5	1692.5	7.3	169. 2.5	7.3
085	149	17847 1	1.2	9.6320	1.0	3.9115	2.2	0.273 2	2.0	0.90	1557. 3	27.4	1616. 1	17.8	1693.5	17.5	169. 3.5	17. 5
064	260	20458 9	4.8	9.5722	0.6	3.6618	3.2	0.254 2	3.1	0.98	1460. 2	40.6	1563. 1	25.3	1705.0	11.5	170. 5.0	11. 5
037	150	15598 9	0.9	9.5501	0.8	4.3897	1.2	0.304 0	1.0	0.78	1711. 4	14.5	1710. 4	10.2	1709.2	14.1	170. 9.2	14. 1
069	147	10822	2.0	9.5321	1.4	3.7288	2.5	0.257 8	2.1	0.84	1478. 5	27.4	1577. 6	19.9	1712.7	25.0	171. 2.7	25. 0
022	464	20586 4	3.3	9.5270	0.4	4.0287	1.4	0.278 4	1.4	0.96	1583. 1	19.4	1640. 0	11.7	1713.7	7.0	171. 3.7	7.0
083	219	85023	1.9	9.4607	0.5	4.2128	4.4	0.289 1	4.3	0.99	1636. 8	62.7	1676. 5	35.9	1726.5	10.1	172. 6.5	10. 1
053	204	14960 6	1.7	9.4207	0.5	4.4239	1.9	0.302 3	1.9	0.96	1702. 5	27.8	1716. 8	16.0	1734.3	9.3	173. 4.3	9.3
051	85	36758	1.3	9.3846	1.5	3.6196	4.0	0.246 4	3.7	0.92	1419. 7	47.1	1553. 8	31.9	1741.3	28.1	174. 1.3	28. 1
100	103	13403 5	1.6	9.1284	1.2	4.6257	2.0	0.306 2	1.6	0.79	1722. 2	24.2	1753. 9	16.9	1791.9	22.7	179. 1.9	22. 7
038	195	26805 3	2.8	8.8883	0.6	4.8041	1.4	0.309 7	1.2	0.89	1739. 2	19.0	1785. 6	11.8	1840.3	11.5	184. 0.3	11. 5
<b>ED07913-108 – Camas Land Syncline</b>																		
050	351	7627	1.6	19.524 5	28.2	0.0521	28.9	0.007 4	6.2	0.21	47.4	2.9	51.6	14.5	250.6	660.3	47.4	2.9
096	726	25044	1.5	18.592 6	4.1	0.0550	5.1	0.007 4	2.9	0.58	47.6	1.4	54.4	2.7	362.0	93.3	47.6	1.4
080	335	8085	2.0	19.437 6	19.9	0.0530	20.6	0.007 5	5.1	0.25	47.9	2.4	52.4	10.5	260.9	462.2	47.9	2.4
018	727	8106	0.9	19.944 8	9.3	0.0520	9.6	0.007 5	2.5	0.26	48.3	1.2	51.4	4.8	201.4	216.5	48.3	1.2
072	1183	15748	1.5	19.925 6	11.2	0.0523	11.9	0.007 6	4.1	0.34	48.5	2.0	51.7	6.0	203.6	260.9	48.5	2.0
053	231	7000	1.6	19.141 5	25.3	0.0547	26.1	0.007 6	6.1	0.23	48.8	3.0	54.1	13.7	296.0	586.8	48.8	3.0
059	296	5817	1.5	31.007 2	36.1	0.0341	36.4	0.007 7	4.7	0.13	49.2	2.3	34.0	12.2	-942.0	1083. 1	49.2	2.3
090	716	15478	2.0	22.616 5	14.7	0.0468	15.2	0.007 7	3.8	0.25	49.3	1.9	46.5	6.9	-98.7	362.5	49.3	1.9
067	370	7579	1.2	23.721 5	29.6	0.0452	30.2	0.007 8	6.2	0.21	50.0	3.1	44.9	13.3	-217.2	758.1	50.0	3.1
042	181	2913	1.8	27.381 7	39.4	0.0412	40.4	0.008 2	8.8	0.22	52.6	4.6	41.0	16.2	-591.8	1105. 1	52.6	4.6
083	214	12920	1.2	19.508 1	21.1	0.0717	22.4	0.010 1	7.6	0.34	65.0	4.9	70.3	15.2	252.6	490.3	65.0	4.9
057	124	5432	1.1	26.320 7	69.0	0.0553	69.6	0.010 6	8.6	0.12	67.7	5.8	54.7	37.0	-485.7	2074. 8	67.7	5.8
006	202	7904	2.1	22.342 4	45.7	0.0660	45.9	0.010 7	4.3	0.09	68.6	3.0	64.9	28.9	-68.8	1171. 3	68.6	3.0
058	191	5910	1.4	22.428 1	24.7	0.0659	25.0	0.010 7	3.7	0.15	68.8	2.6	64.8	15.7	-78.1	611.6	68.8	2.6
044	233	9567	1.3	26.094 3	29.5	0.0569	30.0	0.010 8	5.2	0.17	69.0	3.6	56.1	16.4	-462.8	794.7	69.0	3.6
030	289	4336	0.9	26.141 0	33.6	0.0569	33.9	0.010 8	5.1	0.15	69.1	3.5	56.2	18.5	-467.6	908.5	69.1	3.5
015	493	17037	1.1	20.648 6	12.8	0.0722	13.1	0.010 8	2.9	0.22	69.3	2.0	70.8	9.0	120.3	302.1	69.3	2.0
036	182	9021	2.3	21.591 5	29.9	0.0693	30.5	0.010 8	6.1	0.20	69.6	4.2	68.0	20.1	14.0	733.4	69.6	4.2
102	255	3848	1.6	21.327 1	34.6	0.0702	35.2	0.010 9	6.1	0.17	69.6	4.2	68.9	23.4	43.6	850.6	69.6	4.2
049	194	7892	0.9	27.034 5	42.5	0.0556	43.3	0.010 9	8.4	0.19	69.9	5.8	54.9	23.2	-557.3	1190. 1	69.9	5.8
031	152	10728	1.6	15.992 3	55.5	0.0946	56.0	0.011 0	7.3	0.13	70.3	5.1	91.7	49.1	692.3	1285. 2	70.3	5.1
010	409	19403	0.8	19.872 0	10.7	0.0769	10.9	0.011 1	2.4	0.22	71.0	1.7	75.2	7.9	209.9	248.1	71.0	1.7
056	142	4843	1.7	18.486 5	31.3	0.0828	32.2	0.011 1	7.6	0.24	71.2	5.4	80.8	25.0	374.9	720.1	71.2	5.4
052	606	11596	1.5	19.885 8	10.8	0.0776	13.5	0.011 2	8.1	0.60	71.8	5.8	75.9	9.9	208.3	250.2	71.8	5.8
081	322	8543	1.6	21.499 1	20.6	0.0718	20.8	0.011 2	2.9	0.14	71.8	2.1	70.4	14.2	24.3	499.5	71.8	2.1
040	122	5388	1.0	16.138 1	63.4	0.0957	64.0	0.011 2	8.8	0.14	71.8	6.3	92.8	56.9	672.9	1521. 6	71.8	6.3
082	215	7735	1.7	28.119 4	21.6	0.0551	22.7	0.011 2	7.0	0.31	72.1	5.0	54.5	12.0	-664.5	599.6	72.1	5.0
035	745	13006	0.7	20.982 1	12.5	0.0742	12.8	0.011 3	2.7	0.22	72.4	2.0	72.7	9.0	82.4	297.1	72.4	2.0
003	74	4145	1.9	22.917 1	87.1	0.0685	87.6	0.011 4	9.0	0.10	73.0	6.5	67.3	57.1	-131.2	2836. 5	73.0	6.5

085	222	6089	1.3	22.230 5	29.9	0.0709	30.3	0.011 4	4.7	0.16	73.3	3.4	69.6	20.4	-56.5	742.7	73.3	3.4
070	389	23072	3.4	19.918 1	17.9	0.0793	18.4	0.011 5	4.3	0.23	73.5	3.1	77.5	13.7	204.5	417.7	73.5	3.1
091	246	8915	1.5	24.360 3	22.8	0.0649	23.9	0.011 5	7.2	0.30	73.5	5.3	63.9	14.8	-284.4	587.7	73.5	5.3
066	386	11757	1.9	23.723 2	19.9	0.0676	20.8	0.011 6	6.2	0.30	74.6	4.6	66.5	13.4	-217.4	503.5	74.6	4.6
104	315	11596	1.9	24.069 4	23.8	0.0669	24.3	0.011 7	4.8	0.20	74.9	3.6	65.8	15.5	-253.9	609.8	74.9	3.6
064	254	8148	24.2	27.861 5	34.5	0.0579	34.7	0.011 7	3.6	0.10	75.0	2.7	57.2	19.3	-639.1	969.0	75.0	2.7
101	135	6177	2.0	21.923 4	46.7	0.0741	47.2	0.011 8	7.3	0.16	75.5	5.5	72.6	33.1	-22.8	1188. 5	75.5	5.5
063	166	13845	1.3	22.493 0	18.3	0.0731	19.2	0.011 9	5.7	0.30	76.4	4.3	71.7	13.3	-85.2	451.9	76.4	4.3
088	264	4596	1.2	18.575 8	17.4	0.0887	18.2	0.012 0	5.5	0.30	76.6	4.2	86.3	15.1	364.1	394.7	76.6	4.2
007	134	7318	1.4	17.921 8	46.7	0.0936	47.6	0.012 2	9.1	0.19	78.0	7.1	90.9	41.4	444.3	1096. 8	78.0	7.1
103	136	12044	1.2	28.371 1	45.1	0.0594	45.6	0.012 2	6.5	0.14	78.3	5.1	58.6	26.0	-689.1	1305. 0	78.3	5.1
077	237	11198	3.7	23.774 6	20.8	0.0713	21.4	0.012 3	5.0	0.23	78.8	3.9	69.9	14.4	-222.8	527.3	78.8	3.9
008	196	11192	1.7	20.908 6	41.5	0.0848	42.4	0.012 9	8.8	0.21	82.4	7.2	82.6	33.7	90.7	1021. 9	82.4	7.2
019	630	29570	1.5	19.773 1	8.5	0.0933	8.9	0.013 4	2.7	0.31	85.7	2.3	90.6	7.7	221.4	196.5	85.7	2.3
069	256	13665	1.3	20.390 5	15.7	0.0931	17.5	0.013 8	7.7	0.44	88.2	6.7	90.4	15.1	149.9	370.0	88.2	6.7
032	108	9837	2.3	15.692 8	27.6	0.1230	29.3	0.014 0	9.8	0.34	89.7	8.7	117.8	32.6	732.5	595.3	89.7	8.7
055	102	7271	2.3	16.609 1	36.0	0.1179	36.3	0.014 2	5.3	0.15	90.9	4.8	113.2	39.0	611.0	801.6	90.9	4.8
060	221	8901	2.9	20.507 0	28.2	0.0961	28.7	0.014 3	5.2	0.18	91.4	4.7	93.1	25.5	136.5	673.9	91.4	4.7
099	568	14865	0.9	20.754 9	7.3	0.0975	10.2	0.014 7	7.1	0.70	94.0	6.7	94.5	9.2	108.2	172.4	94.0	6.7
062	401	24641	1.3	19.325 8	13.6	0.1054	14.0	0.014 8	3.3	0.24	94.5	3.1	101.7	13.5	274.1	312.1	94.5	3.1
051	61	2240	1.9	10.331 4	297. 2	—	—	—	—	—	94.9	7.8	183.4	546. 2	1563.2	925.3	94.9	7.8
061	112	2923	2.2	19.456 7	40.7	0.1051	41.6	0.014 8	8.5	0.20	94.9	8.0	101.5	40.2	258.6	972.9	94.9	8.0
043	987	29112	5.9	20.400 7	4.2	0.1006	5.2	0.014 9	3.0	0.57	95.2	2.8	97.3	4.8	148.7	99.5	95.2	2.8
022	602	46105	4.2	20.458 1	11.7	0.1009	11.8	0.015 0	1.9	0.16	95.8	1.8	97.7	11.0	142.1	275.0	95.8	1.8
026	841	39575	10.7	20.525 0	8.6	0.1012	9.9	0.015 1	4.9	0.50	96.4	4.7	97.9	9.2	134.4	202.2	96.4	4.7
029	226	16282	1.5	21.658 8	30.9	0.0962	31.1	0.015 1	4.0	0.13	96.7	3.8	93.3	27.8	6.5	759.1	96.7	3.8
048	329	13361	3.0	20.212 2	15.2	0.1054	15.7	0.015 4	3.9	0.25	98.8	3.8	101.7	15.2	170.4	357.5	98.8	3.8
034	126	4837	1.7	24.846 2	54.6	0.0858	54.7	0.015 5	4.6	0.08	98.9	4.5	83.6	43.9	-335.0	1506. 0	98.9	4.5
046	294	12721	2.0	19.907 4	12.4	0.1131	15.1	0.016 3	8.5	0.56	104.4	8.8	108.8	15.5	205.8	289.8	104. 4	8.8
073	307	21578	14.0	20.838 8	12.9	0.1084	13.2	0.016 4	2.4	0.18	104.8	2.5	104.5	13.1	98.6	307.4	104. 8	2.5
076	879	20407	12.3	20.398 0	7.4	0.1134	7.6	0.016 8	1.6	0.22	107.3	1.7	109.1	7.8	149.0	173.7	107. 3	1.7
009	693	23834	1.1	21.282 9	4.8	0.1108	5.8	0.017 1	3.2	0.55	109.3	3.5	106.7	5.9	48.5	115.8	109. 3	3.5
093	256	11721	2.5	22.774 1	14.2	0.1056	14.8	0.017 4	4.3	0.29	111.5	4.7	101.9	14.4	-115.7	351.2	111. 5	4.7
024	361	29303	3.0	22.611 5	20.6	0.1083	21.0	0.017 8	4.0	0.19	113.5	4.5	104.4	20.8	-98.1	510.0	113. 5	4.5
100	233	8892	2.4	21.015 1	23.7	0.1167	24.1	0.017 8	4.1	0.17	113.6	4.6	112.1	25.5	78.7	569.9	113. 6	4.6
045	80	3675	4.7	19.811 3	108. 4	0.1289	108.7	0.018 5	7.9	0.07	118.3	9.3	123.1	126. 6	217.0	935.9	118. 3	9.3
023	243	2255	1.5	19.819 9	20.1	0.1301	20.7	0.018 7	4.9	0.24	119.5	5.8	124.2	24.1	216.0	468.4	119. 5	5.8
075	86	7166	1.5	19.654 5	52.9	0.1530	53.1	0.021 8	5.2	0.10	139.1	7.1	144.5	71.7	235.4	1307. 7	139. 1	7.1
037	374	19949	1.8	21.679 4	13.3	0.1479	13.8	0.023 3	3.4	0.25	148.2	5.0	140.1	18.0	4.3	322.2	148. 2	5.0
097	88	4961	3.8	27.645 8	30.8	0.1273	31.3	0.025 5	5.5	0.18	162.5	8.9	121.7	35.9	-617.9	856.3	162. 5	8.9
105	263	24417	1.4	20.758 3	9.8	0.1821	10.1	0.027 4	2.1	0.21	174.3	3.7	169.8	15.7	107.8	232.8	174. 3	3.7
071	223	38656	2.0	11.504 1	6.3	0.3408	9.9	0.028 4	7.6	0.77	180.8	13.6	297.8	25.5	1358.8	121.6	180. 8	13. 6

004	75	43285	1.9	11.788 1	3.8	2.4675	4.7	0.211 0	2.8	0.59	1233. 9	31.3	1262. 6	34.2	1311.7	74.2	131 1.7	74. 2
065	240	18418 2	4.6	11.511 3	1.3	2.6217	3.0	0.218 9	2.7	0.89	1275. 9	31.0	1306. 7	22.0	1357.6	25.9	135 7.6	25. 9
027	1274	15276 2	5.9	11.387 0	0.2	2.5816	2.2	0.213 2	2.2	1.00	1245. 9	25.1	1295. 4	16.3	1378.5	3.2	137 8.5	3.2
017	211	10300 9	4.8	11.320 2	0.8	2.7999	1.8	0.229 9	1.6	0.89	1333. 9	19.3	1355. 5	13.5	1389.8	16.1	138 9.8	16. 1
005	49	99313	0.7	10.880 2	2.1	3.1836	5.9	0.251 2	5.5	0.93	1444. 8	70.8	1453. 2	45.4	1465.5	40.8	146 5.5	40. 8
078	51	58397	0.6	9.6211	2.1	4.2901	5.0	0.299 4	4.6	0.91	1688. 1	68.0	1691. 5	41.5	1695.6	38.6	169 5.6	38. 6
068	156	65834	2.6	9.5670	0.6	4.2147	2.7	0.292 4	2.6	0.98	1653. 7	38.5	1676. 9	22.1	1706.0	10.3	170 6.0	10. 3
054	226	21827 8	2.9	9.5213	0.3	4.1733	1.8	0.288 2	1.7	0.99	1632. 5	25.0	1668. 8	14.4	1714.8	5.1	171 4.8	5.1
109	98	46536	2.3	9.4531	1.2	4.4036	7.3	0.301 9	7.3	0.99	1700. 8	108	1713. 0	60.8	1728.0	21.4	172 8.0	21. 4
074	247	12339 0	2.2	9.3818	0.6	4.3660	1.7	0.297 1	1.7	0.94	1676. 8	24.4	1705. 9	14.4	1741.9	10.5	174 1.9	10. 5
076	196	22499 0	1.3	9.2302	1.1	4.3487	1.7	0.291 1	1.3	0.78	1647. 1	19.4	1702. 6	14.2	1771.7	19.8	177 1.7	19. 8

**ED071613-127 – Eagle Creek Road, east of the Eagle Creek Fault Zone**

042	319	3140	1.7	18.205 4	22.6	0.0540	24.2	0.007 1	8.5	0.35	45.8	3.9	53.4	12.6	409.3	511.6	45.8	3.9
069	458	1968	1.1	21.412 6	22.7	0.0465	23.1	0.007 2	4.6	0.20	46.4	2.1	46.2	10.4	34.0	549.0	46.4	2.1
024	472	12318	1.4	23.697 4	25.5	0.0422	25.6	0.007 3	3.0	0.12	46.6	1.4	42.0	10.5	-214.6	648.3	46.6	1.4
099	215	2116	2.2	21.942 0	53.5	0.0457	53.6	0.007 3	3.6	0.07	46.7	1.7	45.4	23.8	-24.8	1387. 9	46.7	1.7
008	453	11284	1.3	22.254 9	27.0	0.0453	27.3	0.007 3	4.3	0.16	47.0	2.0	45.0	12.0	-59.2	667.7	47.0	2.0
077	281	11944	1.2	21.013 3	18.4	0.0483	19.5	0.007 4	6.6	0.34	47.3	3.1	47.9	9.1	78.9	439.8	47.3	3.1
063	924	10182	3.3	20.865 6	8.0	0.0489	8.4	0.007 4	2.3	0.27	47.5	1.1	48.5	4.0	95.6	190.6	47.5	1.1
030	666	10656	1.2	21.077 5	12.8	0.0487	13.0	0.007 4	2.1	0.17	47.8	1.0	48.3	6.1	71.7	305.3	47.8	1.0
076	404	3713	2.2	22.527 5	18.4	0.0458	20.2	0.007 5	8.3	0.41	48.1	4.0	45.5	9.0	-89.0	454.9	48.1	4.0
049	371	7823	2.9	16.299 6	16.5	0.0637	17.3	0.007 5	5.1	0.29	48.3	2.5	62.7	10.5	651.5	357.1	48.3	2.5
007	352	4352	1.7	25.932 0	26.0	0.0402	26.1	0.007 6	2.7	0.10	48.5	1.3	40.0	10.2	-446.4	693.3	48.5	1.3
054	1424	34928	0.7	21.050 9	6.5	0.0496	6.8	0.007 6	1.9	0.28	48.6	0.9	49.2	3.2	74.6	154.4	48.6	0.9
064	519	5091	1.2	23.352 7	21.4	0.0448	21.5	0.007 6	2.3	0.11	48.8	1.1	44.5	9.4	-177.9	539.0	48.8	1.1
050	617	10533	1.6	22.389 6	14.7	0.0471	15.2	0.007 6	4.0	0.26	49.1	2.0	46.7	6.9	-73.9	360.0	49.1	2.0
015	1008	14590	1.2	21.963 1	13.3	0.0481	13.7	0.007 7	3.0	0.22	49.2	1.5	47.7	6.4	-27.1	323.9	49.2	1.5
066	855	23931	2.0	21.278 2	15.1	0.0498	15.4	0.007 7	3.3	0.21	49.3	1.6	49.3	7.4	49.0	361.3	49.3	1.6
081	314	10248	1.1	21.476 9	23.3	0.0497	23.9	0.007 7	5.1	0.21	49.7	2.5	49.3	11.5	26.8	566.0	49.7	2.5
056	441	12691	1.7	23.370 4	22.6	0.0458	23.0	0.007 8	4.1	0.18	49.8	2.0	45.4	10.2	-179.8	571.2	49.8	2.0
093	647	13013	1.7	23.867 3	19.4	0.0450	19.8	0.007 8	3.7	0.19	50.0	1.9	44.7	8.7	-232.6	493.7	50.0	1.9
079	760	18214	1.3	20.988 8	6.8	0.0513	7.2	0.007 8	2.4	0.33	50.1	1.2	50.8	3.6	81.6	162.6	50.1	1.2
097	839	7243	0.8	21.518 6	9.8	0.0502	10.6	0.007 8	3.9	0.36	50.3	1.9	49.7	5.1	22.2	236.6	50.3	1.9
044	611	11759	1.9	21.475 0	14.8	0.0507	15.1	0.007 9	2.9	0.19	50.7	1.5	50.2	7.4	27.0	356.6	50.7	1.5
055	803	7269	0.8	20.480 5	13.0	0.0534	13.3	0.007 9	2.5	0.18	50.9	1.2	52.8	6.8	139.5	306.9	50.9	1.2
027	615	22651	1.8	20.135 2	8.9	0.0561	9.2	0.008 2	2.3	0.25	52.6	1.2	55.4	5.0	179.3	207.9	52.6	1.2
078	241	8027	2.4	21.969 5	56.1	0.0638	56.7	0.010 2	8.3	0.15	65.2	5.4	62.8	34.5	-27.8	1469. 2	65.2	5.4
090	196	6092	1.2	21.256 1	63.0	0.0703	63.2	0.010 8	4.6	0.07	69.5	3.2	69.0	42.2	51.5	1670. 6	69.5	3.2
080	150	12657	2.1	18.644 1	40.7	0.0820	41.4	0.011 1	7.7	0.19	71.1	5.4	80.0	31.8	355.8	955.0	71.1	5.4
065	189	10088	2.3	24.906 2	23.0	0.0617	23.6	0.011 1	5.5	0.23	71.5	3.9	60.8	14.0	-341.2	599.1	71.5	3.9
048	182	4852	2.0	21.088 9	42.2	0.0740	42.5	0.011 3	4.9	0.12	72.5	3.5	72.5	29.7	70.3	1045. 1	72.5	3.5
036	124	4247	2.0	17.318 6	137. 0	0.0912	137.2	0.011 4	7.3	0.05	73.4	5.3	88.6	116. 9	519.9	925.5	73.4	5.3
013	116	3423	2.0	15.554 1	16.2	0.1026	18.9	0.011 6	9.7	0.51	74.2	7.1	99.1	17.8	751.2	345.0	74.2	7.1

023	593	1600	1.7	20.269 8	7.8	0.0799	8.0	0.011 7	1.9	0.24	75.3	1.4	78.0	6.0	163.7	182.1	75.3	1.4
038	208	5353	1.1	20.538 0	26.5	0.0804	26.9	0.012 0	5.0	0.19	76.7	3.8	78.5	20.3	133.0	631.7	76.7	3.8
059	110	5277	1.1	4.6553	664. 0	~	~	~	~	~	76.9	5.9	308.7	--	2942.2	681.4	76.9	5.9
037	117	5422	1.0	18.707 0	42.1	0.0889	42.7	0.012 1	7.2	0.17	77.3	5.5	86.5	35.4	348.2	992.9	77.3	5.5
031	146	4765	2.0	48.702 4	105. 0	0.0343	105.3	0.012 1	7.8	0.07	77.7	6.1	34.3	35.5	NA	NA	77.7	6.1
032	261	8928	1.5	19.516 6	9.4	0.0860	10.1	0.012 2	3.7	0.36	78.0	2.9	83.7	8.1	251.6	217.3	78.0	2.9
088	314	6549	1.1	22.664 9	17.0	0.0743	17.1	0.012 2	2.5	0.15	78.2	1.9	72.7	12.0	-103.9	419.3	78.2	1.9
085	815	46832	9.0	20.516 9	6.5	0.0827	6.7	0.012 3	2.0	0.29	78.9	1.5	80.7	5.2	135.3	151.8	78.9	1.5
068	110	2931	1.0	24.294 1	43.8	0.0737	44.6	0.013 0	8.5	0.19	83.2	7.0	72.2	31.1	-277.5	1164. 0	83.2	7.0
047	328	31946	3.3	18.912 8	11.3	0.1005	12.9	0.013 8	6.2	0.48	88.3	5.5	97.3	12.0	323.4	257.9	88.3	5.5
082	408	47386	1.4	22.692 7	11.9	0.0842	12.3	0.013 9	3.0	0.24	88.7	2.7	82.0	9.7	-106.9	294.4	88.7	2.7
053	186	5175	1.6	21.542 0	26.6	0.0896	27.4	0.014 0	6.4	0.24	89.6	5.7	87.1	22.9	19.5	649.1	89.6	5.7
019	235	8928	1.6	22.282 0	18.2	0.0871	18.6	0.014 1	3.9	0.21	90.1	3.5	84.8	15.2	-62.2	447.8	90.1	3.5
096	253	4808	1.5	19.513 7	17.4	0.1007	17.6	0.014 2	2.2	0.13	91.2	2.0	97.4	16.3	251.9	403.1	91.2	2.0
025	1301	60036	1.2	21.039 6	2.6	0.0936	2.9	0.014 3	1.1	0.38	91.4	1.0	90.9	2.5	75.9	62.6	91.4	1.0
098	799	40103	2.2	20.156 3	4.9	0.0978	5.1	0.014 3	1.4	0.27	91.6	1.3	94.8	4.6	176.8	113.9	91.6	1.3
051	1049	44857	3.7	20.921 0	3.9	0.0943	4.0	0.014 3	0.9	0.23	91.6	0.9	91.5	3.5	89.4	92.5	91.6	0.9
057	1341	62899	2.6	20.919 4	4.6	0.0943	4.7	0.014 3	1.2	0.26	91.6	1.1	91.5	4.1	89.5	108.5	91.6	1.1
084	1365	35814	2.7	21.941 2	5.0	0.0903	5.5	0.014 4	2.2	0.40	92.0	2.0	87.8	4.6	-24.7	121.9	92.0	2.0
022	109	4421	2.1	30.809 6	58.9	0.0643	59.2	0.014 4	5.3	0.09	92.0	4.9	63.3	36.3	-923.3	1858. 2	92.0	4.9
075	439	17787	2.0	20.612 0	8.6	0.0961	8.9	0.014 4	1.9	0.21	92.0	1.7	93.2	7.9	124.5	203.9	92.0	1.7
004	366	15734	1.4	22.169 3	22.0	0.0897	22.2	0.014 4	2.5	0.11	92.3	2.3	87.2	18.5	-49.8	541.7	92.3	2.3
060	1722	77440	2.5	20.918 8	2.7	0.0955	3.0	0.014 5	1.3	0.44	92.7	1.2	92.6	2.7	89.6	64.3	92.7	1.2
043	179	5487	2.5	26.120 7	20.8	0.0765	21.3	0.014 5	4.7	0.22	92.8	4.3	74.9	15.4	-465.5	555.1	92.8	4.3
012	2539	81154	2.1	20.846 3	1.9	0.0960	2.6	0.014 5	1.8	0.69	92.9	1.7	93.1	2.3	97.8	45.2	92.9	1.7
029	149	5981	1.5	21.903 4	28.6	0.0914	29.7	0.014 5	8.2	0.28	92.9	7.6	88.8	25.3	-20.5	703.6	92.9	7.6
072	135	7179	2.7	26.152 0	44.7	0.0769	44.9	0.014 6	4.6	0.10	93.3	4.3	75.2	32.6	-468.7	1234. 1	93.3	4.3
083	963	25718	3.2	21.423 2	3.1	0.0941	3.4	0.014 6	1.4	0.40	93.5	1.3	91.3	3.0	32.8	75.0	93.5	1.3
092	204	8465	3.0	19.992 6	21.0	0.1012	21.5	0.014 7	4.8	0.22	93.9	4.5	97.9	20.1	195.9	492.1	93.9	4.5
034	253	4038	2.4	20.739 5	19.9	0.0983	20.3	0.014 8	4.2	0.21	94.6	4.0	95.2	18.5	109.9	473.4	94.6	4.0
039	145	6554	2.4	20.342 3	20.1	0.1149	20.5	0.016 9	4.4	0.21	108.3	4.7	110.4	21.5	155.4	473.9	108. 3	4.7
070	299	39790	1.9	19.996 7	13.0	0.1189	13.5	0.017 2	3.5	0.26	110.2	3.8	114.1	14.6	195.4	304.1	110. 2	3.8
100	121	6690	3.7	18.974 3	35.8	0.1279	36.4	0.017 6	6.3	0.17	112.5	7.0	122.2	41.9	316.0	839.3	112. 5	7.0
086	125	6963	3.1	16.602 0	24.4	0.1471	25.4	0.017 7	7.2	0.28	113.2	8.0	139.3	33.1	612.0	535.0	113. 2	8.0
074	151	5896	1.8	20.725 5	18.6	0.1180	19.0	0.017 7	3.9	0.20	113.3	4.3	113.2	20.4	111.5	442.5	113. 3	4.3
045	106	4418	2.1	17.038 3	34.0	0.1436	34.5	0.017 7	5.8	0.17	113.4	6.6	136.2	44.0	555.7	761.2	113. 4	6.6
020	450	39059	2.5	20.073 4	6.6	0.1248	6.9	0.018 2	2.0	0.29	116.0	2.3	119.4	7.8	186.5	154.0	116. 0	2.3
010	174	6449	3.7	21.096 6	26.0	0.1227	26.8	0.018 8	6.2	0.23	119.9	7.3	117.6	29.7	69.5	628.9	119. 9	7.3
041	91	9344	1.9	20.282 3	33.5	0.1323	34.0	0.019 5	5.8	0.17	124.2	7.1	126.1	40.4	162.3	804.1	124. 2	7.1
094	321	20545	3.0	20.532 2	7.6	0.1369	8.6	0.020 4	3.9	0.46	130.1	5.0	130.3	10.5	133.6	179.7	130. 1	5.0
002	152	7659	1.0	22.882 3	23.4	0.1473	24.1	0.024 5	5.7	0.24	155.7	8.7	139.6	31.4	-127.4	584.1	155. 7	8.7
062	117	6471	1.5	19.242 4	17.1	0.1803	17.4	0.025 2	3.1	0.18	160.2	4.9	168.3	27.0	284.0	393.9	160. 2	4.9

095	232	14982	2.0	20.376 3	9.1	0.1703	9.6	0.025 2	3.0	0.32	160.2	4.8	159.7	14.1	151.5	212.8	160. 2	4.8
087	289	25402	1.4	19.880 3	9.1	0.1775	9.2	0.025 6	1.7	0.18	162.9	2.7	165.9	14.1	208.9	210.8	162. 9	2.7
017	183	15861	1.7	20.535 9	14.0	0.1757	14.5	0.026 2	4.0	0.28	166.6	6.6	164.4	22.1	133.2	330.0	166. 6	6.6
016	65	12745	1.1	19.041 1	49.9	0.1909	50.8	0.026 4	9.6	0.19	167.7	15.9	177.4	82.9	308.0	1209.	167. 7	15. 9
005	52	4648	2.0	18.970 0	45.7	0.1935	46.4	0.026 6	7.8	0.17	169.3	13.0	179.6	76.5	316.5	1093. 3	169. 3	13. 0
011	110	8730	1.2	22.561 4	31.3	0.1634	31.9	0.026 7	6.3	0.20	170.1	10.5	153.7	45.6	-92.7	784.5	170. 1	10. 5
071	85	21873	1.3	18.313 7	23.7	0.2039	24.4	0.027 1	5.8	0.24	172.3	9.8	188.4	41.9	396.0	537.1	172. 3	9.8
046	145	11417	1.7	21.383 4	20.0	0.1749	20.3	0.027 1	3.7	0.18	172.5	6.3	163.6	30.7	37.2	482.5	172. 5	6.3
061	66	6390	1.5	19.282 6	26.8	0.1958	28.4	0.027 4	9.5	0.34	174.2	16.4	181.6	47.3	279.3	622.8	174. 2	16. 4
040	44	13348	1.6	15.547 1	32.3	0.2484	33.6	0.028 0	9.4	0.28	178.1	16.6	225.3	68.0	752.2	698.6	178. 1	16. 6
009	985	15615 8	2.8	9.4306	0.1	4.2900	2.2	0.293 4	2.2	1.00	1658. 6	31.9	1691. 4	18.0	1732.4	2.3	173 2.4	2.3

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061	273	5444	2.3	23.533 8	21.3	0.0432	22.7	0.007 4	7.8	0.34	47.4	3.7	42.9	9.5	-197.3	538.5	47.4	3.7
036	466	8580	1.9	21.203 2	8.7	0.0495	10.8	0.007 6	6.5	0.60	48.8	3.1	49.0	5.2	57.4	207.0	48.8	3.1
082	188	6225	1.4	24.635 4	40.0	0.0441	40.6	0.007 9	6.6	0.16	50.6	3.3	43.8	17.4	-313.1	1061. 9	50.6	3.3
005	459	2856	1.8	22.321 7	16.8	0.0491	17.0	0.007 9	2.7	0.16	51.0	1.4	48.7	8.1	-66.5	412.6	51.0	1.4
047	107	4261	1.7	18.517 4	61.1	0.0600	61.7	0.008 1	8.8	0.14	51.7	4.5	59.1	35.5	371.2	1521. 5	51.7	4.5
063	323	1764	1.0	20.996 2	18.4	0.0567	18.9	0.008 6	4.2	0.22	55.4	2.3	56.0	10.3	80.8	441.0	55.4	2.3
021	879	35088	5.6	20.087 7	6.1	0.0593	7.1	0.008 6	3.6	0.51	55.5	2.0	58.5	4.1	184.8	142.7	55.5	2.0
023	1172	4625	68.0	21.000 9	5.8	0.0611	8.3	0.009 3	6.0	0.72	59.7	3.6	60.3	4.9	80.3	138.1	59.7	3.6
032	123	5371	1.9	18.599 9	49.0	0.0755	49.3	0.010 2	6.0	0.12	65.3	3.9	73.9	35.2	361.1	1172. 7	65.3	3.9
016	382	29994	1.0	19.780 1	11.5	0.0720	11.9	0.010 3	3.0	0.25	66.2	2.0	70.6	8.1	220.7	267.5	66.2	2.0
089	463	18757	1.0	20.541 4	16.5	0.0699	16.9	0.010 4	3.5	0.21	66.8	2.3	68.6	11.2	132.5	391.0	66.8	2.3
056	172	12186	1.4	20.907 0	25.6	0.0693	26.2	0.010 5	5.7	0.22	67.4	3.8	68.1	17.3	90.9	615.4	67.4	3.8
001	547	18321	1.0	22.379 6	11.4	0.0651	11.7	0.010 6	2.6	0.23	67.7	1.8	64.0	7.3	-72.9	279.2	67.7	1.8
007	100	6173	1.8	11.747 2	223. 2	0.1254	223.4	0.010 7	9.4	0.04	68.5	6.4	119.9	258. 1	1318.4	789.3	68.5	6.4
058	1190	37678	0.9	21.715 0	4.4	0.0682	4.5	0.010 7	0.9	0.20	68.9	0.6	67.0	2.9	0.3	105.8	68.9	0.6
092	139	13305	1.4	21.672 8	24.2	0.0686	25.5	0.010 8	7.8	0.30	69.2	5.3	67.4	16.6	5.0	591.3	69.2	5.3
059	115	5026	2.1	26.050 0	49.3	0.0573	49.7	0.010 8	6.3	0.13	69.4	4.4	56.6	27.4	-458.3	1375. 6	69.4	4.4
098	89	5471	1.7	20.559 0	66.6	0.0728	67.3	0.010 9	9.9	0.15	69.6	6.8	71.4	46.4	130.5	1768. 0	69.6	6.8
084	109	4085	1.0	17.854 4	42.6	0.0844	43.0	0.010 9	6.2	0.14	70.0	4.3	82.2	34.0	452.7	987.2	70.0	4.3
019	92	3790	3.0	18.270 5	45.5	0.0832	46.3	0.011 0	8.3	0.18	70.7	5.9	81.1	36.1	401.3	1073. 2	70.7	5.9
040	201	7091	1.0	20.941 1	22.7	0.0735	23.1	0.011 2	4.5	0.20	71.6	3.2	72.0	16.1	87.1	543.2	71.6	3.2
096	125	9415	2.0	11.766 4	157. 2	0.1309	157.3	0.011 2	7.0	0.04	71.6	5.0	124.9	187. 0	1315.2	435.5	71.6	5.0
108	159	10595	1.9	24.707 8	32.7	0.0638	33.0	0.011 4	4.8	0.15	73.3	3.5	62.8	20.1	-320.7	857.6	73.3	3.5
030	267	11521	1.7	21.218 8	17.1	0.0745	17.3	0.011 5	2.5	0.15	73.5	1.9	73.0	12.2	55.7	411.2	73.5	1.9
033	341	20210	1.5	22.227 9	16.4	0.0712	16.6	0.011 5	2.7	0.16	73.6	2.0	69.9	11.2	-56.3	401.7	73.6	2.0
088	470	42414	2.0	20.514 0	12.2	0.0801	12.5	0.011 9	2.7	0.22	76.4	2.1	78.2	9.4	135.7	287.5	76.4	2.1
090	149	6556	0.9	20.835 8	33.0	0.0791	34.1	0.011 9	8.6	0.25	76.6	6.5	77.3	25.3	99.0	798.7	76.6	6.5
048	567	17599	1.7	21.260 1	7.7	0.0780	7.9	0.012 0	1.7	0.22	77.0	1.3	76.2	5.8	51.1	184.2	77.0	1.3
027	112	3185	1.6	25.482 2	32.7	0.0650	33.6	0.012 0	7.7	0.23	77.0	5.9	64.0	20.8	-400.5	872.6	77.0	5.9
022	247	15078	0.9	24.376 2	17.9	0.0681	18.5	0.012 0	4.6	0.25	77.2	3.5	66.9	12.0	-286.1	459.0	77.2	3.5
031	175	6039	1.9	23.122 3	17.0	0.0725	17.8	0.012 2	5.3	0.30	77.9	4.1	71.1	12.2	-153.3	425.4	77.9	4.1

085	237	9611	1.9	22.140 9	19.3	0.0757	19.5	0.012 2	2.7	0.14	77.9	2.1	74.1	13.9	-46.7	473.8	77.9	2.1
024	92	2320	1.9	13.182 0	171. 2	0.1277	171.5	0.012 2	9.0	0.05	78.2	7.0	122.0	199. 7	1091.4	689.9	78.2	7.0
035	1124	59774	1.2	20.435 4	3.7	0.0832	4.3	0.012 3	2.3	0.52	79.0	1.8	81.2	3.4	144.7	85.9	79.0	1.8
014	388	5953	3.9	20.972 1	8.4	0.0811	10.5	0.012 3	6.4	0.60	79.1	5.0	79.2	8.0	83.5	199.8	79.1	5.0
046	301	21056	1.1	21.711 1	8.5	0.0787	9.3	0.012 4	3.7	0.40	79.4	2.9	76.9	6.9	0.7	205.9	79.4	2.9
054	2711	19000 9	2.9	21.000 8	1.9	0.0828	2.0	0.012 6	0.8	0.40	80.8	0.7	80.8	1.6	80.3	44.5	80.8	0.7
051	672	75033	10.2	21.190 1	7.6	0.0824	8.1	0.012 7	3.0	0.37	81.1	2.4	80.4	6.3	59.0	180.6	81.1	2.4
093	1413	16762	2.9	20.397 0	4.4	0.0856	4.8	0.012 7	1.9	0.40	81.1	1.6	83.4	3.9	149.1	104.0	81.1	1.6
039	665	68328	1.4	20.579 1	7.1	0.0849	7.8	0.012 7	3.1	0.40	81.2	2.5	82.8	6.2	128.3	168.2	81.2	2.5
008	764	45539	1.3	21.245 4	6.4	0.0824	6.9	0.012 7	2.6	0.37	81.4	2.1	80.4	5.3	52.7	152.7	81.4	2.1
080	1213	41298	1.1	21.086 4	6.1	0.0837	6.4	0.012 8	1.8	0.28	82.0	1.5	81.6	5.0	70.6	145.4	82.0	1.5
015	799	2219	1.5	20.459 5	8.5	0.0866	8.7	0.012 8	1.5	0.17	82.3	1.2	84.3	7.0	141.9	200.8	82.3	1.2
041	282	14538	1.5	19.264 2	11.5	0.0920	11.9	0.012 9	3.1	0.26	82.3	2.5	89.4	10.2	281.5	264.2	82.3	2.5
103	2893	17115	3.6	20.962 2	1.4	0.0847	1.7	0.012 9	0.9	0.55	82.5	0.8	82.5	1.3	84.6	33.4	82.5	0.8
109	396	17256	1.1	22.216 0	10.2	0.0808	10.7	0.013 0	3.0	0.28	83.3	2.5	78.9	8.1	-54.9	249.7	83.3	2.5
010	196	21379	2.3	18.658 0	16.6	0.0989	18.1	0.013 4	7.3	0.40	85.7	6.2	95.8	16.5	354.1	376.2	85.7	6.2
045	238	9593	26.4	20.489 1	22.8	0.0908	22.9	0.013 5	2.7	0.12	86.4	2.3	88.3	19.4	138.5	541.1	86.4	2.3
087	874	10689	5.5	21.264 8	4.4	0.0881	5.6	0.013 6	3.5	0.62	87.0	3.0	85.7	4.6	50.6	104.3	87.0	3.0
104	192	9293	2.8	21.857 9	23.3	0.0872	24.7	0.013 8	8.2	0.33	88.5	7.2	84.9	20.1	-15.5	569.4	88.5	7.2
105	172	12547	1.0	19.897 7	24.3	0.0985	24.4	0.014 2	2.6	0.11	91.0	2.4	95.4	22.2	206.9	570.4	91.0	2.4
026	232	28712	0.9	18.860 9	12.1	0.1061	12.5	0.014 5	3.1	0.25	92.9	2.9	102.4	12.2	329.7	275.1	92.9	2.9
086	366	15957	2.5	20.492 8	7.7	0.0979	9.3	0.014 6	5.2	0.56	93.1	4.8	94.8	8.4	138.1	181.6	93.1	4.8
101	304	15689	1.9	22.231 2	13.6	0.0904	13.8	0.014 6	2.4	0.17	93.3	2.2	87.9	11.6	-56.6	333.4	93.3	2.2
078	630	34086	8.9	20.115 7	5.4	0.1007	5.6	0.014 7	1.3	0.23	94.0	1.2	97.4	5.2	181.6	126.3	94.0	1.2
011	169	16656	1.2	19.394 2	33.4	0.1051	33.5	0.014 8	3.4	0.10	94.6	3.2	101.5	32.4	266.0	785.3	94.6	3.2
091	1157	48309	2.3	21.004 6	4.7	0.0985	5.5	0.015 0	2.8	0.52	96.0	2.7	95.4	5.0	79.8	111.3	96.0	2.7
075	213	9076	0.8	21.821 5	17.4	0.0948	18.7	0.015 0	7.0	0.37	96.0	6.7	92.0	16.5	-11.5	421.9	96.0	6.7
044	203	7424	2.9	24.054 6	20.4	0.0875	20.5	0.015 3	2.6	0.12	97.7	2.5	85.2	16.8	-252.4	519.7	97.7	2.5
106	269	13449	1.9	20.834 1	14.3	0.1043	14.7	0.015 8	3.5	0.24	100.8	3.5	100.7	14.1	99.2	339.4	100. 8	3.5
043	223	15267	1.7	21.387 3	14.5	0.1043	14.7	0.016 2	2.9	0.19	103.5	2.9	100.8	14.1	36.8	347.5	103. 5	2.9
052	217	8318	1.4	21.066 5	19.7	0.1065	20.0	0.016 3	3.4	0.17	104.1	3.6	102.8	19.6	72.9	472.3	104. 1	3.6
057	314	20372	0.5	21.620 8	8.8	0.1043	9.0	0.016 4	1.7	0.19	104.6	1.8	100.7	8.6	10.7	212.8	104. 6	1.8
074	139	6033	2.3	20.577 9	21.0	0.1123	21.8	0.016 8	5.6	0.26	107.2	6.0	108.1	22.3	128.4	499.4	107. 2	6.0
029	152	7566	4.6	20.619 1	27.1	0.1125	27.3	0.016 8	3.7	0.14	107.6	4.0	108.3	28.1	123.6	647.7	107. 6	4.0
049	319	13586	2.8	20.740 0	8.2	0.1128	8.5	0.017 0	2.4	0.29	108.5	2.6	108.6	8.8	109.9	193.4	108. 5	2.6
025	90	3315	3.1	19.061 0	18.4	0.1246	19.4	0.017 2	6.3	0.32	110.1	6.8	119.2	21.8	305.6	421.5	110. 1	6.8
042	409	24192	3.2	21.170 4	8.5	0.1123	9.3	0.017 2	3.8	0.41	110.2	4.1	108.0	9.6	61.2	203.7	110. 2	4.1
062	236	13032	2.9	20.482 8	11.7	0.1170	12.3	0.017 4	3.8	0.31	111.1	4.2	112.4	13.1	139.3	276.0	111. 1	4.2
003	120	6085	4.8	22.552 9	22.9	0.1068	23.1	0.017 5	3.1	0.13	111.7	3.4	103.0	22.6	-91.7	567.2	111. 7	3.4
020	1230	11928 0	4.7	16.502 8	2.3	0.1474	3.0	0.017 6	1.9	0.64	112.8	2.2	139.6	4.0	624.9	50.2	112. 8	2.2
099	201	14475	2.0	19.753 7	9.6	0.1240	11.8	0.017 8	6.9	0.59	113.5	7.8	118.7	13.3	223.7	222.5	113. 5	7.8
013	904	69418	2.5	20.943 2	2.7	0.1189	3.0	0.018 1	1.2	0.40	115.4	1.4	114.1	3.2	86.8	65.0	115. 4	1.4

060	280	25866	1.1	21.240 6	13.8	0.1179	14.0	0.018 2	2.7	0.19	116.0	3.1	113.1	15.0	53.2	330.3	116. 0	3.1
009	364	20455	2.4	20.772 7	10.6	0.1232	10.8	0.018 6	2.2	0.20	118.6	2.6	118.0	12.0	106.1	250.0	118. 6	2.6
037	535	5893	0.8	19.838 7	8.8	0.1334	9.5	0.019 2	3.6	0.38	122.6	4.4	127.2	11.4	213.8	204.7	122. 6	4.4
073	355	21708	1.2	21.009 9	8.4	0.1312	10.2	0.020 0	5.8	0.57	127.6	7.3	125.2	12.0	79.2	198.7	127. 6	7.3
083	219	14966	2.9	20.340 6	5.1	0.1422	5.3	0.021 0	1.5	0.29	133.8	2.0	135.0	6.7	155.6	118.9	133. 8	2.0
079	457	64202	4.7	20.437 1	6.8	0.1638	6.9	0.024 3	1.2	0.17	154.6	1.8	154.0	9.9	144.5	160.8	154. 6	1.8
110	645	68210	1.2	20.437 7	3.8	0.1659	4.0	0.024 6	1.3	0.33	156.6	2.0	155.8	5.8	144.4	88.7	156. 6	2.0
018	574	44177	0.6	20.411 6	3.6	0.1696	3.8	0.025 1	1.1	0.30	159.8	1.8	159.1	5.6	147.4	84.6	159. 8	1.8
053	764	53236	2.4	20.555 6	3.8	0.1708	4.4	0.025 5	2.3	0.52	162.1	3.7	160.1	6.5	130.9	88.4	162. 1	3.7
038	677	65630	4.3	19.905 0	4.6	0.1786	4.7	0.025 8	1.1	0.24	164.1	1.8	166.8	7.3	206.0	107.0	164. 1	1.8
066	524	85051	1.1	20.227 9	3.4	0.1761	3.9	0.025 8	1.8	0.46	164.4	2.9	164.7	5.9	168.6	80.3	164. 4	2.9
095	1326	18557	1.4	19.660 5	2.4	0.1837	4.0	0.026 2	3.3	0.81	166.7	5.4	171.3	6.4	234.7	54.3	166. 7	5.4
006	380	36152	1.2	20.676 3	6.1	0.1796	6.4	0.026 9	1.9	0.30	171.3	3.3	167.7	10.0	117.1	145.0	171. 3	3.3
072	257	31629	1.7	19.965 6	4.3	0.1942	5.0	0.028 1	2.6	0.52	178.7	4.6	180.2	8.3	199.0	100.0	178. 7	4.6
070	1157	62686	4.0	19.976 5	1.2	0.1946	3.8	0.028 2	3.6	0.95	179.2	6.4	180.5	6.3	197.7	27.3	179. 2	6.4
017	185	12300	24.5	20.946 6	11.5	0.2047	11.9	0.031 1	3.1	0.26	197.5	6.0	189.1	20.5	86.4	272.5	197. 5	6.0
100	184	55459	2.1	10.890 5	0.7	3.0397	1.6	0.240 1	1.5	0.90	1387. 2	18.6	1417. 6	12.6	1463.7	13.4	146. 3	13. 4
004	59	90626	0.9	10.701 7	3.2	3.2107	4.9	0.249 2	3.7	0.76	1434. 4	48.1	1459. 7	38.1	1496.9	60.6	149. 6	60. 6
069	1030	47836 3	5.6	9.8201	0.2	3.3091	2.8	0.235 7	2.8	1.00	1364. 2	34.8	1483. 2	22.1	1657.8	3.7	165. 8	3.7
094	278	21874 1	2.1	9.7391	0.5	3.7523	4.5	0.265 0	4.5	0.99	1515. 6	60.1	1582. 6	36.0	1673.1	9.5	167. 3	9.5
081	68	72299	1.1	8.6005	0.6	4.7479	1.9	0.296 2	1.8	0.95	1672. 2	26.5	1775. 7	16.0	1899.7	11.1	189. 9	11. 1
<b>ED070615-155 - #2 Canyon Road</b>																		
024	172	10880	0.7	20.651 5	29.6	0.0678	30.3	0.010 2	6.5	0.22	65.2	4.2	66.6	19.6	120.0	712.0	65.2	4.2
089	1873	53273	3.4	21.494 8	6.1	0.0653	6.3	0.010 2	1.6	0.25	65.3	1.0	64.2	3.9	24.8	146.3	65.3	1.0
095	308	2849	1.1	22.652 9	22.9	0.0622	24.1	0.010 2	7.7	0.32	65.6	5.0	61.3	14.4	-102.6	568.8	65.6	5.0
065	278	10535	1.4	22.195 4	23.0	0.0638	23.8	0.010 3	6.1	0.26	65.9	4.0	62.8	14.5	-52.7	567.2	65.9	4.0
002	201	4560	1.6	20.153 9	24.6	0.0703	26.1	0.010 3	8.8	0.34	65.9	5.8	69.0	17.4	177.1	580.7	65.9	5.8
060	305	5267	1.5	20.801 1	22.9	0.0682	23.0	0.010 3	1.9	0.08	66.0	1.2	67.0	14.9	102.9	547.9	66.0	1.2
050	1002	16045	1.3	23.500 3	9.8	0.0606	10.0	0.010 3	2.0	0.20	66.2	1.3	59.7	5.8	-193.7	246.7	66.2	1.3
023	602	23104	1.8	23.311 9	20.8	0.0611	21.2	0.010 3	3.8	0.18	66.3	2.5	60.3	12.4	-173.6	523.4	66.3	2.5
079	316	20928	1.6	24.393 4	28.2	0.0587	28.6	0.010 4	5.1	0.18	66.6	3.4	57.9	16.1	-287.9	729.9	66.6	3.4
053	354	11708	1.0	22.701 1	15.1	0.0636	15.8	0.010 5	4.7	0.30	67.1	3.2	62.6	9.6	-107.8	372.9	67.1	3.2
066	218	4817	2.2	21.982 2	29.5	0.0658	29.7	0.010 5	3.2	0.11	67.2	2.1	64.7	18.6	-29.2	728.6	67.2	2.1
080	174	5953	1.4	22.126 7	48.9	0.0663	49.2	0.010 6	5.6	0.11	68.3	3.8	65.2	31.1	-45.1	1257. 8	68.3	3.8
096	383	11897	2.3	20.786 7	13.9	0.0707	14.2	0.010 7	2.7	0.19	68.3	1.8	69.4	9.5	104.6	329.8	68.3	1.8
016	126	2692	2.8	22.896 0	61.5	0.0644	62.2	0.010 7	9.3	0.15	68.6	6.4	63.4	38.3	-128.9	1673. 4	68.6	6.4
070	503	8322	0.8	21.809 5	11.1	0.0679	11.6	0.010 7	3.3	0.29	68.9	2.3	66.7	7.5	-10.2	269.0	68.9	2.3
043	263	3792	1.1	19.312 2	39.9	0.0777	40.2	0.010 9	5.2	0.13	69.8	3.6	76.0	29.5	275.7	948.3	69.8	3.6
005	392	11729	13.2	21.164 3	22.2	0.0711	22.4	0.010 9	3.5	0.16	70.0	2.4	69.7	15.1	61.9	533.8	70.0	2.4
058	240	7876	1.6	22.875 9	36.1	0.0667	36.4	0.011 1	4.6	0.13	71.0	3.3	65.6	23.1	-126.7	916.7	71.0	3.3
020	220	2580	1.3	21.813 3	26.7	0.0705	27.2	0.011 2	5.3	0.20	71.5	3.8	69.2	18.2	-10.6	654.4	71.5	3.8
026	299	12304	3.5	21.241 8	17.0	0.0729	17.4	0.011 2	3.7	0.21	71.9	2.7	71.4	12.0	53.1	408.9	71.9	2.7
093	98	2440	1.9	20.169 1	45.2	0.0769	46.0	0.011 2	8.7	0.19	72.1	6.3	75.2	33.4	175.4	1105. 3	72.1	6.3

037	266	904	1.3	24.742 0	26.5	0.0636	27.0	0.011 4	5.1	0.19	73.2	3.7	62.6	16.4	-324.2	691.8	73.2	3.7
001	583	39605	1.9	23.070 7	20.1	0.0687	20.2	0.011 5	2.8	0.14	73.6	2.0	67.4	13.2	-147.7	501.6	73.6	2.0
030	160	1614	1.3	20.632 0	39.3	0.0803	39.8	0.012 0	6.6	0.16	77.0	5.0	78.4	30.0	122.2	958.3	77.0	5.0
056	135	5168	2.0	22.581 3	38.0	0.0736	38.5	0.012 0	5.9	0.15	77.2	4.5	72.1	26.8	-94.8	963.7	77.2	4.5
064	156	4158	1.0	20.274 5	30.9	0.0845	31.7	0.012 4	7.2	0.23	79.6	5.7	82.4	25.1	163.2	738.2	79.6	5.7
097	334	18048	1.1	23.446 3	18.6	0.0734	18.8	0.012 5	3.0	0.16	80.0	2.4	71.9	13.1	-187.9	468.5	80.0	2.4
014	482	20669	1.4	22.946 8	18.0	0.0755	18.8	0.012 6	5.6	0.30	80.5	4.5	73.9	13.4	-134.4	447.5	80.5	4.5
010	173	2701	1.5	23.404 8	33.2	0.0768	33.5	0.013 0	4.2	0.13	83.5	3.5	75.1	24.3	-183.5	850.3	83.5	3.5
052	411	8976	2.2	21.074 1	13.0	0.0854	13.3	0.013 1	2.8	0.21	83.6	2.4	83.2	10.6	72.0	310.6	83.6	2.4
078	326	9837	1.7	18.609 8	20.8	0.0969	21.0	0.013 1	3.4	0.16	83.8	2.8	93.9	18.9	359.9	473.1	83.8	2.8
038	323	4780	1.2	21.566 4	19.3	0.0850	19.7	0.013 3	3.9	0.20	85.2	3.3	82.9	15.7	16.8	468.2	85.2	3.3
084	2035	27439	1.9	20.788 8	3.9	0.0884	4.3	0.013 3	1.7	0.39	85.3	1.4	86.0	3.5	104.4	92.6	85.3	1.4
059	377	11170	2.7	21.811 5	14.1	0.0846	14.5	0.013 4	3.3	0.23	85.7	2.8	82.5	11.5	-10.4	342.6	85.7	2.8
040	363	11872	3.3	24.095 4	16.5	0.0770	16.7	0.013 4	2.2	0.13	86.1	1.9	75.3	12.1	-256.7	421.6	86.1	1.9
017	352	17731	1.2	21.665 1	18.7	0.0860	18.9	0.013 5	3.1	0.16	86.6	2.7	83.8	15.2	5.9	453.1	86.6	2.7
015	523	20402	1.2	22.307 8	15.2	0.0837	15.6	0.013 5	3.3	0.21	86.8	2.8	81.7	12.2	-65.0	373.2	86.8	2.8
091	278	12476	1.7	23.824 4	29.4	0.0786	29.6	0.013 6	3.2	0.11	86.9	2.8	76.8	21.9	-228.1	754.2	86.9	2.8
055	868	45050	2.9	22.212 6	8.2	0.0850	8.5	0.013 7	2.4	0.28	87.7	2.0	82.8	6.8	-54.6	199.7	87.7	2.0
077	254	8821	2.0	22.272 4	24.7	0.0849	24.9	0.013 7	3.4	0.14	87.8	3.0	82.8	19.8	-61.1	609.4	87.8	3.0
082	891	20516	4.7	21.100 0	9.1	0.0912	9.3	0.014 0	2.0	0.21	89.4	1.8	88.7	7.9	69.1	217.3	89.4	1.8
045	274	8537	1.4	21.457 3	23.0	0.0904	23.3	0.014 1	3.5	0.15	90.0	3.2	87.8	19.6	29.0	557.9	90.0	3.2
018	210	5633	2.2	21.856 6	24.3	0.0943	24.9	0.015 0	5.3	0.21	95.7	5.0	91.5	21.8	-15.4	596.0	95.7	5.0
004	229	10400	9.1	18.974 4	14.3	0.1114	14.6	0.015 3	2.8	0.19	98.1	2.7	107.2	14.8	316.0	326.7	98.1	2.7
098	4593	4570	2.8	20.308 5	1.6	0.1065	1.8	0.015 7	0.7	0.39	100.4	0.7	102.8	1.7	159.3	37.8	100. 4	0.7
021	399	2017	1.2	17.924 4	25.3	0.1444	26.6	0.018 8	8.2	0.31	119.9	9.7	136.9	34.1	444.0	570.9	119. 9	9.7
062	379	17550	1.0	23.124 2	8.0	0.1186	8.5	0.019 9	2.6	0.31	126.9	3.3	113.8	9.1	-153.5	200.1	126. 9	3.3
047	428	36836	2.4	20.842 9	8.0	0.1605	8.3	0.024 3	2.3	0.28	154.6	3.5	151.2	11.7	98.2	189.3	154. 6	3.5
100	231	17284	1.9	21.193 2	10.1	0.1657	10.3	0.025 5	1.8	0.18	162.1	2.9	155.7	14.9	58.6	242.3	162. 1	2.9
039	407	15343	1.3	19.988 7	5.7	0.1801	5.9	0.026 1	1.6	0.26	166.2	2.6	168.2	9.2	196.3	133.0	166. 2	2.6
088	220	32881	1.0	20.847 0	17.5	0.1738	17.8	0.026 3	2.8	0.16	167.2	4.6	162.7	26.7	97.7	417.7	167. 2	4.6
019	989	13179	5.0	17.754 6	1.6	0.2927	3.8	0.037 7	3.5	0.91	238.5	8.1	260.7	8.7	465.1	35.0	238. 5	8.1
048	425	33695	3.5	11.448 7	0.7	0.23416	3.8	0.194 4	3.7	0.98	1145. 3	39.3	1225. 0	27.1	1368.1	13.1	136. 8.1	1.1
028	237	31326 9	1.6	9.6596	0.5	4.2335	1.4	0.296 6	1.3	0.92	1674. 4	19.0	1680. 5	11.5	1688.2	9.8	168. 8.2	9.8
022	26	4297	0.7	8.8637	5.1	4.4724	7.3	0.287 5	5.2	0.71	1629. 1	75.2	1725. 9	60.9	1845.3	93.2	184. 5.3	93. 2
085	378	6605	1.9	25.176 8	15.1	0.0552	15.8	0.010 1	4.7	0.30	64.7	3.0	54.6	8.4	-369.2	392.7	64.7	3.0
007	211	8976	2.1	17.821 9	23.6	0.0795	24.8	0.010 3	7.6	0.30	65.9	5.0	77.7	18.5	456.8	530.2	65.9	5.0
029	254	6322	1.3	28.803 0	51.4	0.0496	51.8	0.010 4	5.8	0.11	66.4	3.9	49.1	24.8	-731.1	1523. 8	66.4	3.9
027	159	2886	2.1	25.236 1	40.3	0.0566	40.8	0.010 4	6.5	0.16	66.5	4.3	55.9	22.2	-375.3	1084. 2	66.5	4.3
051	393	5140	1.8	16.151 4	16.4	0.0891	16.8	0.010 4	3.9	0.23	66.9	2.6	86.6	14.0	671.1	352.3	66.9	2.6
032	99	2702	3.1	13.872 0	83.1	0.1041	83.6	0.010 5	9.0	0.11	67.2	6.0	100.6	80.2	988.4	2200. 5	67.2	6.0
011	306	8479	0.9	27.170 3	29.1	0.0538	29.9	0.010 6	7.0	0.23	68.0	4.7	53.2	15.5	-570.8	799.2	68.0	4.7
042	228	2166	1.2	28.461 6	43.3	0.0514	43.9	0.010 6	7.1	0.16	68.0	4.8	50.9	21.8	-697.9	1251. 6	68.0	4.8

087	226	5758	1.0	12.748 9	80.1	0.1158	80.5	0.010 7	8.0	0.10	68.6	5.4	111.2	84.9	1158.0	2009. 5	68.6	5.4
003	206	4497	2.0	25.158 4	27.2	0.0587	27.7	0.010 7	5.3	0.19	68.7	3.6	57.9	15.6	-367.3	715.8	68.7	3.6
076	276	10724	1.2	25.769 3	52.3	0.0578	52.5	0.010 8	5.1	0.10	69.3	3.5	57.1	29.2	-429.8	1460. 1	69.3	3.5
035	167	9916	1.3	27.114 8	28.4	0.0558	28.9	0.011 0	5.0	0.17	70.4	3.5	55.1	15.5	-565.3	780.3	70.4	3.5
061	175	8523	2.1	25.477 2	31.5	0.0701	31.8	0.012 9	4.7	0.15	82.9	3.9	68.8	21.2	-400.0	838.2	82.9	3.9
063	311	9067	1.0	25.784 1	32.7	0.0698	32.8	0.013 1	2.7	0.08	83.6	2.3	68.5	21.8	-431.3	878.3	83.6	2.3
031	209	8147	1.8	29.959 9	46.8	0.0620	47.0	0.013 5	4.4	0.09	86.3	3.7	61.1	27.9	-842.5	1405. 3	86.3	3.7
046	112	4443	1.7	26.311 2	33.8	0.0812	34.4	0.015 5	6.4	0.19	99.1	6.3	79.3	26.2	-484.7	918.7	99.1	6.3
083	257	6784	0.8	17.684 8	9.7	0.1241	10.0	0.015 9	2.3	0.23	101.8	2.3	118.8	11.2	473.8	216.0	101. 8	2.3
086	835	57583	11.6	11.959 1	2.9	0.2927	6.7	0.025 4	6.0	0.90	161.6	9.6	260.7	15.4	1283.7	57.1	161. 6	9.6
033	105	10432	4.3	17.095 9	14.3	0.2262	15.0	0.028 0	4.7	0.31	178.3	8.3	207.0	28.2	548.3	313.3	178. 3	8.3
<b>ED072613-156 – Monitor section, along Sleepy Hollow Rd.</b>																		
066	488	10505	1.0	21.853 6	21.1	0.0495	21.3	0.007 8	3.3	0.16	50.4	1.7	49.1	10.2	-15.0	513.8	50.4	1.7
095	781	21837	8.1	21.239 2	12.7	0.0537	13.0	0.008 3	2.9	0.23	53.1	1.6	53.1	6.7	53.4	303.7	53.1	1.6
030	1164	25467	1.8	21.506 3	4.8	0.0599	5.4	0.009 3	2.4	0.44	59.9	1.4	59.0	3.1	23.5	115.3	59.9	1.4
088	607	1311	30.7	18.752 3	10.9	0.0718	11.6	0.009 8	4.0	0.34	62.6	2.5	70.4	7.9	342.7	247.3	62.6	2.5
075	203	6044	184	19.772 8	39.5	0.0685	40.1	0.009 8	6.6	0.17	63.0	4.2	67.3	26.1	221.5	947.9	63.0	4.2
058	1126	5011	1.0	21.200 9	11.1	0.0642	11.5	0.009 9	3.0	0.26	63.4	1.9	63.2	7.1	57.7	266.4	63.4	1.9
039	531	2001	46.1	19.297 2	7.9	0.0706	9.6	0.009 9	5.5	0.57	63.4	3.5	69.3	6.5	277.5	181.0	63.4	3.5
090	170	4212	29.1	23.886 7	60.3	0.0575	60.5	0.010 0	5.7	0.09	63.9	3.6	56.7	33.4	-234.7	1663. 9	63.9	3.6
038	191	4533	111	12.238 0	138. 5	0.1125	138.7	0.010 0	7.0	0.05	64.1	4.4	108.3	143. 4	1238.7	384.2	64.1	4.4
097	234	9157	1.1	17.608 5	17.0	0.0801	17.8	0.010 2	5.3	0.30	65.6	3.5	78.3	13.4	483.4	378.2	65.6	3.5
037	251	4839	1.1	25.381 8	25.4	0.0557	26.4	0.010 3	7.2	0.27	65.8	4.7	55.0	14.2	-390.2	671.2	65.8	4.7
060	175	4971	1.3	23.521 8	44.2	0.0602	44.8	0.010 3	7.1	0.16	65.9	4.7	59.4	25.8	-196.0	1157. 7	65.9	4.7
044	379	7788	0.9	19.649 1	17.1	0.0722	17.5	0.010 3	4.1	0.23	66.0	2.7	70.8	12.0	236.0	396.3	66.0	2.7
098	175	5546	1.1	31.208 5	73.8	0.0455	74.3	0.010 3	8.6	0.12	66.1	5.6	45.2	32.9	-961.0	2501. 7	66.1	5.6
050	258	7126	1.1	22.989 2	25.3	0.0619	25.6	0.010 3	4.1	0.16	66.2	2.7	61.0	15.1	-139.0	633.6	66.2	2.7
010	397	14625	0.9	21.627 6	20.3	0.0660	20.7	0.010 3	4.0	0.19	66.3	2.6	64.9	13.0	10.0	492.8	66.3	2.6
072	122	5533	1.6	23.541 4	50.6	0.0606	51.1	0.010 4	6.8	0.13	66.4	4.5	59.8	29.6	-198.1	1345. 4	66.4	4.5
073	220	7495	1.5	25.471 0	26.4	0.0568	26.8	0.010 5	4.7	0.18	67.3	3.1	56.1	14.6	-399.4	697.5	67.3	3.1
083	371	22943	1.2	20.080 4	21.2	0.0723	21.5	0.010 5	3.2	0.15	67.5	2.2	70.9	14.7	185.6	499.1	67.5	2.2
005	253	5758	1.6	23.369 3	33.9	0.0626	34.3	0.010 6	5.3	0.16	68.0	3.6	61.6	20.5	-179.7	866.8	68.0	3.6
053	240	16321	1.2	21.954 9	23.7	0.0668	24.9	0.010 6	7.9	0.31	68.2	5.3	65.7	15.9	-26.2	580.5	68.2	5.3
056	267	11525	0.9	23.949 4	22.7	0.0615	22.9	0.010 7	3.0	0.13	68.5	2.1	60.6	13.5	-241.3	579.1	68.5	2.1
089	223	11448	1.9	29.401 9	36.1	0.0506	36.9	0.010 8	7.3	0.20	69.2	5.0	50.1	18.0	-789.0	1050. 3	69.2	5.0
020	574	1686	17.1	19.766 4	13.4	0.0764	13.8	0.011 0	3.4	0.25	70.2	2.4	74.8	10.0	222.3	310.8	70.2	2.4
057	255	6708	1.7	20.912 7	21.0	0.0729	21.5	0.011 1	4.7	0.22	70.9	3.3	71.5	14.9	90.3	502.6	70.9	3.3
067	396	12496	1.8	27.221 9	19.2	0.0573	19.5	0.011 3	3.6	0.19	72.5	2.6	56.6	10.8	-575.9	523.2	72.5	2.6
032	175	5232	1.5	29.419 7	60.8	0.0536	61.2	0.011 4	6.8	0.11	73.3	4.9	53.0	31.6	-790.7	1878. 6	73.3	4.9
017	360	8856	1.1	23.182 1	31.2	0.0681	32.0	0.011 4	7.0	0.22	73.3	5.1	66.9	20.7	-159.7	792.0	73.3	5.1
092	121	6897	1.6	20.466 1	77.1	0.0774	77.5	0.011 5	7.9	0.10	73.6	5.8	75.7	56.6	141.2	2177. 0	73.6	5.8
062	237	10034	2.1	22.192 5	26.9	0.0723	27.4	0.011 6	5.1	0.19	74.6	3.8	70.9	18.7	-52.4	665.0	74.6	3.8
022	161	6531	1.5	20.211 7	34.9	0.0798	35.2	0.011 7	4.3	0.12	75.0	3.2	78.0	26.4	170.4	837.5	75.0	3.2

015	201	6307	1.6	21.769 5	19.5	0.0744	19.8	0.011 7	3.7	0.19	75.3	2.8	72.9	13.9	-5.7	473.7	75.3	2.8
079	209	6358	1.2	19.459 8	15.9	0.0833	16.1	0.011 8	2.1	0.13	75.3	1.6	81.2	12.5	258.3	367.8	75.3	1.6
014	284	8212	11.2	21.845 5	33.2	0.0757	34.1	0.012 0	7.6	0.22	76.8	5.8	74.1	24.3	-14.1	822.7	76.8	5.8
025	876	5392	13.9	20.537 0	4.5	0.0812	5.2	0.012 1	2.7	0.52	77.5	2.1	79.3	4.0	133.1	105.2	77.5	2.1
087	119	2973	9.1	21.885 7	45.2	0.0775	46.2	0.012 3	9.3	0.20	78.9	7.3	75.8	33.7	-18.6	1146. 6	78.9	7.3
024	467	17264	0.9	21.059 0	15.0	0.0848	15.5	0.013 0	4.2	0.27	83.0	3.5	82.7	12.3	73.7	357.5	83.0	3.5
046	527	25181	5.5	22.759 1	12.1	0.0799	12.3	0.013 2	2.5	0.20	84.4	2.1	78.0	9.3	-114.1	299.0	84.4	2.1
070	346	26472	2.7	22.492 7	10.9	0.0817	11.4	0.013 3	3.6	0.31	85.3	3.0	79.7	8.8	-85.2	267.0	85.3	3.0
071	119	6642	2.5	33.291 6	63.2	0.0566	63.5	0.013 7	6.5	0.10	87.5	5.6	55.9	34.5	NA	NA	87.5	5.6
042	359	46773	3.5	21.836 0	12.1	0.0863	12.7	0.013 7	3.9	0.31	87.5	3.4	84.0	10.3	-13.1	293.5	87.5	3.4
001	110	3505	1.6	17.353 2	141. 2	0.1086	141.3	0.013 7	6.4	0.05	87.5	5.5	104.7	141. 5	515.6	961.1	87.5	5.5
016	337	9532	0.9	22.600 7	23.4	0.0837	23.8	0.013 7	4.7	0.20	87.9	4.1	81.6	18.7	-96.9	580.7	87.9	4.1
061	274	13862	2.2	20.372 3	11.2	0.0933	12.0	0.013 8	4.4	0.37	88.3	3.9	90.6	10.4	152.0	263.2	88.3	3.9
100	305	9827	1.1	20.965 0	22.2	0.0911	22.3	0.013 9	2.0	0.09	88.7	1.8	88.5	18.9	84.3	533.4	88.7	1.8
031	146	6979	1.3	18.027 5	27.7	0.1072	28.3	0.014 0	5.7	0.20	89.8	5.1	103.4	27.9	431.2	628.9	89.8	5.1
081	940	67404	3.6	20.884 4	4.1	0.0952	4.7	0.014 4	2.3	0.49	92.3	2.1	92.3	4.1	93.5	96.3	92.3	2.1
082	631	33703	3.1	20.648 6	6.8	0.0966	7.1	0.014 5	2.2	0.31	92.6	2.0	93.7	6.4	120.3	159.5	92.6	2.0
059	720	27244	2.8	21.121 7	8.0	0.0955	8.3	0.014 6	1.9	0.23	93.7	1.7	92.7	7.3	66.6	191.6	93.7	1.7
026	222	11702	1.8	30.189 4	38.3	0.0680	38.6	0.014 9	4.8	0.12	95.3	4.5	66.8	25.0	-864.4	1137. 0	95.3	4.5
055	416	12772	2.2	20.200 5	11.2	0.1019	11.3	0.014 9	1.8	0.16	95.5	1.7	98.5	10.6	171.7	261.7	95.5	1.7
041	285	4174	1.3	23.162 2	19.1	0.0889	19.9	0.014 9	5.7	0.29	95.6	5.4	86.5	16.5	-157.6	477.6	95.6	5.4
006	114	5236	1.3	21.533 3	33.3	0.0978	33.4	0.015 3	2.8	0.08	97.7	2.7	94.7	30.2	20.5	818.8	97.7	2.7
047	262	15364	4.4	21.815 5	14.4	0.0977	14.6	0.015 5	2.5	0.17	98.9	2.4	94.6	13.2	-10.8	349.6	98.9	2.4
078	214	27777	2.2	21.424 7	20.0	0.1022	21.3	0.015 9	7.5	0.35	101.6	7.5	98.8	20.1	32.7	482.5	101. 6	7.5
091	105	7744	2.6	15.922 9	142. 1	0.1382	142.3	0.016 0	6.7	0.05	102.1	6.8	131.5	177. 2	701.6	815.3	102. 1	6.8
036	142	6543	2.7	18.531 3	28.4	0.1230	28.7	0.016 5	4.4	0.15	105.7	4.6	117.7	32.0	369.5	651.5	105. 7	4.6
068	486	7639	1.3	19.259 4	8.2	0.1197	9.0	0.016 7	3.7	0.41	106.9	3.9	114.8	9.8	282.0	187.4	106. 9	3.9
040	77	4733	1.5	16.179 4	41.9	0.1552	42.7	0.018 2	8.6	0.20	116.4	9.9	146.5	58.4	667.4	936.0	116. 4	9.9
064	354	17530	9.3	20.020 1	6.3	0.1350	7.6	0.019 6	4.1	0.54	125.1	5.1	128.5	9.1	192.7	147.5	125. 1	5.1
029	217	8482	1.0	19.507 9	11.7	0.1400	12.4	0.019 8	4.0	0.32	126.5	5.0	133.1	15.5	252.6	270.7	126. 5	5.0
035	309	18581	1.6	21.410 0	12.0	0.1367	12.2	0.021 2	2.5	0.20	135.4	3.3	130.1	14.9	34.3	287.8	135. 4	3.3
007	103	7262	3.1	17.864 8	24.2	0.1682	25.5	0.021 8	8.2	0.32	139.0	11.2	157.9	37.3	451.4	543.6	139. 0	11. 2
063	1896	39812	8.1	20.326 1	1.2	0.1509	1.6	0.022 2	1.0	0.65	141.8	1.4	142.7	2.1	157.3	27.7	141. 8	1.4
085	558	34359	3.0	19.606 2	5.6	0.1616	6.3	0.023 0	2.9	0.46	146.4	4.2	152.1	9.0	241.0	130.2	146. 4	4.2
008	112	6838	0.8	17.869 0	19.8	0.1793	20.5	0.023 2	5.4	0.27	148.0	8.0	167.4	31.7	450.9	442.8	148. 0	8.0
003	367	9856	1.0	18.708 4	9.4	0.1720	9.9	0.023 3	3.0	0.30	148.7	4.4	161.2	14.7	348.0	213.0	148. 7	4.4
009	152	20920	3.6	22.456 2	17.1	0.1438	19.7	0.023 4	9.9	0.50	149.2	14.6	136.4	25.2	-81.2	420.5	149. 2	14. 6
075	188	5622	2.5	18.679 4	11.7	0.1746	12.2	0.023 7	3.5	0.29	150.7	5.2	163.4	18.4	351.5	264.8	150. 7	5.2
027	195	16810	2.1	19.829 5	9.8	0.2468	10.2	0.035 5	2.5	0.24	224.9	5.5	224.0	20.4	214.9	228.5	224. 9	5.5
004	452	12921 4	4.1	12.118 0	2.0	0.5894	5.0	0.051 8	4.5	0.91	325.6	14.4	470.5	18.7	1258.0	39.3	325. 6	14. 4
077	615	35731 8	5.9	11.472 2	1.3	0.8586	5.6	0.071 4	5.5	0.97	444.8	23.5	629.3	26.4	1364.2	24.9	136 4.2	24. 9
049	70	43219	0.9	10.798 0	2.9	3.1246	4.2	0.244 7	3.0	0.71	1411. 1	37.6	1438. 8	32.0	1479.9	55.5	147 9.9	55. 5

045	327	23092 7	3.5	10.542 3	1.1	2.9229	1.5	0.223 5	1.0	0.68	1300. 3	12.0	1387. 1	11.3	1525.2	20.7	152 5.2	20. 7
051	147	12168 2	1.7	10.048 7	1.6	3.3672	3.0	0.245 4	2.5	0.85	1414. 7	32.0	1496. 8	23.4	1615.0	29.7	161 5.0	29. 7
021	508	16951 1	2.6	9.5065	0.4	4.2764	1.6	0.294 8	1.5	0.96	1665. 7	22.2	1688. 8	12.9	1717.6	7.7	171 7.6	7.7
048	99	16592 9	1.5	9.5057	1.2	4.2374	3.5	0.292 1	3.2	0.94	1652. 2	47.2	1681. 3	28.4	1717.8	22.3	171 7.8	22. 3
074	483	39584 1	17.1	9.4778	0.4	3.9380	5.2	0.270 7	5.2	1.00	1544. 3	71.5	1621. 5	42.3	1723.2	7.4	172 3.2	7.4
012	187	26541 3	3.4	9.2627	0.7	4.5393	1.6	0.304 9	1.4	0.90	1715. 8	21.3	1738. 2	13.1	1765.3	12.7	176 5.3	12. 7
076	159	13024 9	2.8	9.1059	0.8	3.9895	1.6	0.263 5	1.4	0.88	1507. 6	19.3	1632. 1	13.2	1796.4	13.9	179 6.4	13. 9
084	177	22556 6	2.8	9.0863	0.6	4.3681	4.1	0.287 9	4.0	0.99	1630. 8	58.1	1706. 3	33.7	1800.3	11.1	180 0.3	11. 1

**ED072613-157 – Mission Creek Rd.**

074	681	57274	1.5	21.691 6	14.1	0.0585	14.3	0.009 2	2.0	0.14	59.1	1.2	57.8	8.0	2.9	342.0	59.1	1.2
039	469	28386	1.7	21.018 8	15.8	0.0622	16.1	0.009 5	3.2	0.20	60.8	1.9	61.3	9.6	78.2	377.4	60.8	1.9
004	290	14407	3.1	25.671 4	43.6	0.0510	43.9	0.009 5	5.6	0.13	60.9	3.4	50.5	21.6	-419.8	1190. 0	60.9	3.4
070	454	46364	3.0	22.925 4	7.1	0.0588	7.5	0.009 8	2.5	0.33	62.7	1.5	58.0	4.2	-132.1	176.0	62.7	1.5
081	164	16366	23.6	20.414 7	27.8	0.0669	29.2	0.009 9	9.0	0.31	63.6	5.7	65.8	18.6	147.1	663.8	63.6	5.7
040	352	20430	1.5	20.622 3	13.0	0.0671	14.9	0.010 0	7.2	0.48	64.4	4.6	66.0	9.5	123.3	307.5	64.4	4.6
059	316	14856	3.7	21.608 3	19.5	0.0642	19.7	0.010 1	2.9	0.15	64.6	1.8	63.2	12.1	12.1	473.5	64.6	1.8
056	104	4092	1.7	21.363 8	39.4	0.0654	40.0	0.010 1	7.0	0.17	65.0	4.5	64.3	25.0	39.5	977.3	65.0	4.5
035	135	15235	3.0	17.492 9	27.6	0.0804	27.9	0.010 2	4.5	0.16	65.4	2.9	78.5	21.1	497.9	618.0	65.4	2.9
043	246	15866	1.9	22.420 4	16.8	0.0629	17.2	0.010 2	3.8	0.22	65.6	2.5	62.0	10.3	-77.3	412.7	65.6	2.5
010	577	60736	2.0	21.734 8	11.1	0.0650	11.3	0.010 2	2.0	0.18	65.7	1.3	63.9	7.0	-1.9	269.1	65.7	1.3
006	531	42685	1.9	18.964 0	10.3	0.0759	11.1	0.010 4	4.2	0.38	66.9	2.8	74.3	8.0	317.2	234.6	66.9	2.8
063	202	1360	2.5	15.623 5	15.6	0.0922	18.0	0.010 5	9.1	0.50	67.0	6.0	89.6	15.5	741.8	331.2	67.0	6.0
003	318	45449	2.1	21.639 9	8.7	0.0669	8.9	0.010 5	2.1	0.24	67.3	1.4	65.7	5.7	8.7	209.4	67.3	1.4
014	395	28157	6.3	19.331 4	12.6	0.0752	13.6	0.010 5	5.0	0.37	67.6	3.4	73.6	9.6	273.4	289.9	67.6	3.4
088	592	44450	2.2	21.001 5	10.9	0.0694	11.1	0.010 6	2.2	0.19	67.8	1.5	68.2	7.3	80.2	259.6	67.8	1.5
028	111	10071	1.9	22.746 0	32.5	0.0643	33.4	0.010 6	7.7	0.23	68.0	5.2	63.2	20.5	-112.7	819.4	68.0	5.2
080	116	5417	2.8	17.223 3	55.4	0.0849	56.1	0.010 6	8.8	0.16	68.0	6.0	82.7	44.6	532.1	1315. 3	68.0	6.0
101	727	34971	9.7	20.902 9	6.3	0.0704	6.4	0.010 7	1.4	0.21	68.4	0.9	69.1	4.3	91.4	149.2	68.4	0.9
078	147	13075	1.7	20.571 5	33.0	0.0717	33.5	0.010 7	5.7	0.17	68.6	3.9	70.3	22.8	129.1	796.5	68.6	3.9
026	105	9010	1.6	20.083 3	137. 0	0.0748	137.2	0.010 9	7.5	0.05	69.9	5.2	73.2	97.2	185.3	1212. 4	69.9	5.2
030	505	30988	2.2	18.356 8	7.2	0.0828	7.4	0.011 0	1.6	0.22	70.7	1.1	80.8	5.8	390.7	162.8	70.7	1.1
060	370	44581	2.1	21.897 2	14.7	0.0697	15.1	0.011 1	3.6	0.24	71.0	2.5	68.4	10.0	-19.9	357.3	71.0	2.5
072	160	16578	2.3	26.128 2	56.7	0.0592	56.9	0.011 2	5.3	0.09	71.9	3.8	58.4	32.3	-466.3	1615. 4	71.9	3.8
082	534	32699	1.9	21.737 1	14.1	0.0712	14.3	0.011 2	2.6	0.18	72.0	1.8	69.9	9.7	-2.1	340.6	72.0	1.8
093	359	27593	2.2	20.416 9	11.0	0.0758	11.7	0.011 2	3.8	0.32	72.0	2.7	74.2	8.3	146.8	259.5	72.0	2.7
084	158	10504	2.4	16.602 2	21.7	0.0933	22.4	0.011 2	5.6	0.25	72.0	4.0	90.6	19.4	611.9	473.7	72.0	4.0
050	123	11536	1.3	16.097 2	17.3	0.0965	18.6	0.011 3	6.9	0.37	72.2	5.0	93.5	16.6	678.3	371.7	72.2	5.0
095	166	23512	1.7	23.188 1	27.4	0.0673	28.2	0.011 3	6.5	0.23	72.6	4.7	66.2	18.1	-160.3	693.0	72.6	4.7
085	255	11004	1.4	24.646 4	34.5	0.0636	34.7	0.011 4	3.6	0.11	72.8	2.6	62.6	21.0	-314.3	906.1	72.8	2.6
103	254	23106	1.6	22.554 8	21.5	0.0695	21.6	0.011 4	2.2	0.10	72.9	1.6	68.2	14.2	-92.0	531.7	72.9	1.6
053	341	37132	1.6	22.978 2	15.2	0.0691	16.5	0.011 5	6.3	0.38	73.8	4.6	67.8	10.8	-137.8	378.8	73.8	4.6
090	385	31597	3.1	19.040 1	12.3	0.0835	12.5	0.011 5	2.0	0.16	73.9	1.5	81.4	9.8	308.1	281.5	73.9	1.5
038	179	14536	1.6	21.270 9	24.3	0.0748	24.9	0.011 5	5.0	0.20	74.0	3.7	73.3	17.6	49.9	588.9	74.0	3.7

071	135	8769	1.3	26.842 6	52.2	0.0594	52.5	0.011 6	6.1	0.12	74.1	4.5	58.6	29.9	-538.1	1488. 4	74.1	4.5
096	385	16076	2.4	20.129 0	13.1	0.0792	13.5	0.011 6	3.0	0.22	74.1	2.2	77.4	10.1	180.0	307.5	74.1	2.2
012	247	43282	15.7	19.872 2	29.4	0.0805	29.6	0.011 6	3.5	0.12	74.4	2.6	78.6	22.4	209.9	695.5	74.4	2.6
068	129	14184	1.2	26.595 7	31.9	0.0603	33.1	0.011 6	8.8	0.27	74.6	6.6	59.5	19.1	-513.4	870.1	74.6	6.6
109	141	12751	1.8	27.259 5	38.9	0.0593	39.5	0.011 7	6.6	0.17	75.1	4.9	58.5	22.4	-579.6	1087. 7	75.1	4.9
073	138	1940	1.1	15.487 4	38.6	0.1044	39.9	0.011 7	9.9	0.25	75.2	7.4	100.9	38.3	760.3	844.7	75.2	7.4
098	191	29550	1.3	25.573 9	49.1	0.0633	49.3	0.011 7	4.5	0.09	75.3	3.4	62.3	29.8	-409.9	1354. 3	75.3	3.4
105	121	10935	1.0	24.700 9	49.2	0.0660	49.4	0.011 8	4.7	0.10	75.8	3.6	64.9	31.1	-319.9	1334. 5	75.8	3.6
029	120	9118	0.8	22.566 6	44.4	0.0728	44.7	0.011 9	5.5	0.12	76.3	4.2	71.3	30.8	-93.2	1138. 9	76.3	4.2
045	116	11859	1.1	23.463 3	52.7	0.0700	53.1	0.011 9	6.4	0.12	76.3	4.8	68.7	35.3	-189.7	1406. 2	76.3	4.8
058	105	8842	1.7	21.853 3	35.4	0.0754	35.9	0.012 0	5.9	0.16	76.6	4.5	73.9	25.6	-15.0	880.1	76.6	4.5
104	79	9477	1.5	24.258 2	60.7	0.0681	61.0	0.012 0	6.3	0.10	76.8	4.8	66.9	39.5	-273.8	1690. 4	76.8	4.8
046	168	13954	1.2	23.844 1	33.8	0.0695	34.5	0.012 0	7.0	0.20	77.0	5.3	68.2	22.8	-230.2	874.0	77.0	5.3
015	750	46705	1.1	21.192 9	4.5	0.0784	5.5	0.012 0	3.2	0.58	77.2	2.5	76.6	4.1	58.7	107.1	77.2	2.5
092	114	9263	1.8	18.817 4	40.4	0.0891	41.3	0.012 2	8.6	0.21	77.9	6.7	86.7	34.3	334.9	950.5	77.9	6.7
061	138	17150	1.8	27.331 7	41.7	0.0617	42.2	0.012 2	6.5	0.15	78.4	5.1	60.8	24.9	-586.8	1171. 7	78.4	5.1
017	432	36135	1.2	20.345 3	15.4	0.0846	16.1	0.012 5	4.9	0.30	80.0	3.9	82.4	12.8	155.1	361.6	80.0	3.9
022	74	6452	1.4	16.405 8	57.7	0.1147	58.5	0.013 7	9.3	0.16	87.4	8.1	110.3	61.2	637.6	1359. 3	87.4	8.1
041	110	8494	1.3	16.248 0	30.8	0.1197	30.9	0.014 1	3.4	0.11	90.3	3.1	114.8	33.6	658.4	674.4	90.3	3.1
044	463	3196	3.2	22.359 6	11.9	0.0878	13.0	0.014 2	5.1	0.39	91.1	4.6	85.4	10.6	-70.7	292.6	91.1	4.6
020	89	16158	2.2	24.067 3	72.9	0.0825	73.2	0.014 4	7.2	0.10	92.2	6.6	80.5	56.7	-253.7	2141. 4	92.2	6.6
089	149	24036	3.8	41.498 6	38.7	0.0481	39.2	0.014 5	6.4	0.16	92.6	5.8	47.7	18.3	NA	NA	92.6	5.8
110	236	17799	1.6	19.849 3	11.3	0.1045	12.0	0.015 0	3.9	0.32	96.2	3.7	100.9	11.5	212.5	263.3	96.2	3.7
032	1375	19008	1.2	20.655 5	2.4	0.1016	2.6	0.015 2	1.1	0.42	97.3	1.1	98.2	2.5	119.5	56.6	97.3	1.1
023	565	42952	5.5	19.999 8	4.6	0.1095	6.6	0.015 9	4.8	0.73	101.6	4.9	105.5	6.7	195.0	106.1	101. 6	4.9
099	319	71705	1.8	19.680 9	11.9	0.1135	12.5	0.016 2	3.6	0.29	103.6	3.8	109.2	12.9	232.2	275.8	103. 6	3.8
106	143	30481	1.4	20.378 4	20.8	0.1099	21.5	0.016 2	5.4	0.25	103.9	5.6	105.9	21.6	151.2	492.1	103. 9	5.6
057	525	10800	4.4	19.682 2	5.2	0.1186	6.1	0.016 9	3.2	0.52	108.2	3.4	113.8	6.6	232.1	121.2	108. 2	3.4
065	177	20456	2.4	18.508 8	23.7	0.1352	24.2	0.018 2	4.9	0.20	116.0	5.6	128.8	29.3	372.2	540.5	116. 0	5.6
083	180	46220	2.9	20.985 4	19.7	0.1361	20.4	0.020 7	5.2	0.26	132.2	6.9	129.6	24.8	82.0	472.1	132. 2	6.9
047	319	25336	1.9	19.640 6	5.0	0.1555	7.5	0.022 1	5.6	0.74	141.2	7.8	146.7	10.3	237.0	116.1	141. 2	7.8
097	350	96515	2.5	19.447 8	7.1	0.1613	7.3	0.022 8	1.6	0.22	145.0	2.3	151.8	10.3	259.7	163.7	145. 0	2.3
094	137	17234	1.9	20.201 5	16.7	0.1611	16.9	0.023 6	2.8	0.16	150.4	4.1	151.7	23.8	171.6	391.7	150. 4	4.1
019	47	9651	2.9	26.076 0	52.5	0.1256	53.3	0.023 8	9.0	0.17	151.3	13.4	120.1	60.4	-461.0	1476. 8	151. 3	13. 4
037	431	47274	2.8	20.792 5	4.9	0.1602	5.9	0.024 2	3.3	0.56	153.9	5.1	150.9	8.3	103.9	116.5	153. 9	5.1
002	67	10849	1.2	22.494 6	29.7	0.1530	31.2	0.025 0	9.4	0.30	159.0	14.8	144.6	42.0	-85.4	741.4	159. 0	14. 8
064	87	12970	1.1	23.955 0	28.7	0.1444	29.0	0.025 1	4.6	0.16	159.7	7.3	137.0	37.2	-241.9	736.5	159. 7	7.3
067	143	25724	0.8	18.756 2	11.4	0.1879	11.9	0.025 6	3.3	0.28	162.7	5.3	174.8	19.0	342.3	258.4	162. 7	5.3
021	429	46924	0.7	20.678 0	5.4	0.1735	5.5	0.026 0	1.1	0.19	165.6	1.7	162.5	8.3	117.0	128.2	165. 6	1.7
024	126	17452	0.9	22.528 5	24.8	0.1598	25.5	0.026 1	5.7	0.23	166.2	9.4	150.5	35.7	-89.1	616.8	166. 2	9.4
018	580	73595	4.2	20.306 2	4.2	0.1774	4.6	0.026 1	1.8	0.39	166.2	2.9	165.8	7.0	159.6	98.7	166. 2	2.9
066	240	87261	1.5	20.594 5	11.2	0.1770	11.2	0.026 4	1.4	0.13	168.2	2.3	165.4	17.2	126.5	263.2	168. 2	2.3

102	82	41065	2.0	21.671 5	17.7	0.1976	18.4	0.031 1	5.2	0.28	197.2	10.1	183.1	30.9	5.2	428.6	197. 2	10. 1
062	158	47986	1.7	19.886 0	13.7	0.2359	14.4	0.034 0	4.5	0.31	215.7	9.5	215.1	27.9	208.3	318.3	215. 7	9.5
027	600	68081	6.8	19.507 1	3.4	0.2451	4.8	0.034 7	3.5	0.71	219.7	7.5	222.6	9.7	252.7	78.0	219. 7	7.5
087	230	82298	1.0	19.042 8	7.2	0.3301	7.4	0.045 6	1.7	0.23	287.4	4.9	289.7	18.7	307.8	164.5	287. 4	4.9
036	718	16284 2	24.6	13.588 8	6.6	0.4947	7.5	0.048 8	3.6	0.48	306.9	10.8	408.1	25.4	1030.2	134.3	306. 9	10. 8
079	413	73399	1.1	16.337 4	1.3	0.7341	2.3	0.087 0	1.9	0.82	537.7	9.7	558.9	9.9	646.6	28.4	537. 7	9.7
033	618	26811 6	45.5	12.391 3	2.2	2.2245	5.9	0.199 9	5.5	0.93	1174. 9	58.6	1188. 8	41.2	1214.2	42.8	121. 4.2	42. 8
048	397	84077 3	0.5	11.434 1	0.3	2.7022	1.9	0.224 1	1.8	0.98	1303. 5	21.5	1329. 1	13.7	1370.6	6.2	137. 0.6	6.2
054	287	46146 0	1.8	11.120 8	0.7	2.4486	9.8	0.197 5	9.8	1.00	1161. 8	104	1257. 0	70.9	1423.8	13.7	142. 3.8	13. 7
108	160	36077 0	8.9	9.7527	1.5	4.1808	2.6	0.295 7	2.2	0.83	1670. 1	32.5	1670. 3	21.7	1670.5	27.0	167. 0.5	27. 0
107	739	31332	24.9	8.3268	2.0	1.0830	4.2	0.065 4	3.7	0.88	408.4	14.8	745.1	22.4	1957.6	35.8	195. 7.6	35. 8

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012	201	17912	1.2	12.537 0	180. 3	0.0809	180.5	0.007 4	9.2	0.05	47.2	4.3	78.9	137. 9	1191.1	662.0	47.2	4.3
042	294	12300	1.1	26.675 1	27.2	0.0382	27.5	0.007 4	4.2	0.15	47.5	2.0	38.1	10.3	-521.3	737.1	47.5	2.0
105	767	43948	1.0	21.826 9	10.7	0.0469	10.9	0.007 4	1.9	0.17	47.7	0.9	46.5	4.9	-12.1	259.7	47.7	0.9
045	486	23804	1.5	20.962 2	10.6	0.0489	11.1	0.007 4	3.3	0.29	47.8	1.6	48.5	5.3	84.6	252.5	47.8	1.6
026	812	12112	78.1	20.967 5	9.6	0.0660	10.1	0.010 0	3.2	0.31	64.4	2.0	64.9	6.3	84.0	227.6	64.4	2.0
055	119	8451	1.9	24.357 1	101. 3	0.0584	102.0	0.010 3	11.3	0.11	66.2	7.5	57.7	57.2	-284.1	1275. 5	66.2	7.5
092	189	14322	1.2	25.978 8	34.6	0.0551	35.2	0.010 4	6.1	0.17	66.6	4.1	54.5	18.7	-451.1	935.5	66.6	4.1
053	231	2624	1.0	19.659 7	42.1	0.0734	42.5	0.010 5	5.8	0.14	67.1	3.8	71.9	29.5	234.8	1012. 6	67.1	3.8
035	97	4499	1.7	22.811 3	76.0	0.0637	76.5	0.010 5	8.7	0.11	67.5	5.8	62.7	46.5	-119.8	2226. 3	67.5	5.8
034	77	5261	1.9	12.689 8	24.2	0.1152	27.7	0.010 6	13.4	0.48	68.0	9.0	110.8	29.0	1167.2	487.1	68.0	9.0
098	186	8302	1.4	21.669 8	24.6	0.0677	25.3	0.010 6	5.7	0.23	68.3	3.9	66.5	16.3	5.3	601.2	68.3	3.9
017	381	22896	2.2	19.459 3	18.7	0.0755	19.2	0.010 7	4.2	0.22	68.4	2.9	73.9	13.7	258.3	433.1	68.4	2.9
019	81	5048	1.2	17.073 9	39.9	0.0866	42.3	0.010 7	14.0	0.33	68.7	9.6	84.3	34.2	551.1	905.3	68.7	9.6
074	92	9670	1.9	- 7.8685	396. 3	- 0.1897	396.5	0.010 8	12.3	0.03	69.4	8.5	--	--	NA	NA	69.4	8.5
061	76	7790	2.1	18.720 0	51.0	0.0798	53.1	0.010 8	14.7	0.28	69.5	10.2	78.0	39.9	346.6	1232. 3	69.5	10. 2
075	74	4488	1.5	15.493 5	91.0	0.0965	91.9	0.010 8	12.9	0.14	69.6	8.9	93.6	82.3	759.5	403.6	69.6	8.9
050	127	12521	1.6	22.726 8	42.8	0.0659	43.5	0.010 9	7.5	0.17	69.6	5.2	64.8	27.3	-110.6	1099. 1	69.6	5.2
004	566	49261	1.6	22.347 0	9.4	0.0671	10.3	0.010 9	4.2	0.41	69.7	2.9	65.9	6.6	-69.3	230.4	69.7	2.9
080	60	3645	1.4	19.610 4	63.4	0.0765	64.8	0.010 9	13.6	0.21	69.7	9.4	74.8	46.8	240.5	1628. 5	69.7	9.4
083	189	28527	1.2	19.096 2	26.8	0.0786	26.9	0.010 9	3.0	0.11	69.8	2.1	76.8	19.9	301.5	620.2	69.8	2.1
048	112	9584	2.0	16.744 1	40.6	0.0901	41.7	0.010 9	9.3	0.22	70.2	6.5	87.6	35.0	593.6	916.9	70.2	6.5
043	256	17403	2.0	22.955 8	25.0	0.0660	26.0	0.011 0	7.3	0.28	70.4	5.1	64.9	16.4	-135.4	626.7	70.4	5.1
007	80	6406	2.2	- 7.2896	527. 3	- 0.2078	527.5	0.011 0	12.1	0.02	70.4	8.4	--	--	NA	NA	70.4	8.4
058	274	20875	1.5	22.471 7	23.4	0.0680	23.8	0.011 1	4.2	0.18	71.1	3.0	66.8	15.4	-82.9	579.7	71.1	3.0
020	208	4199	3.5	26.547 1	47.0	0.0581	47.4	0.011 2	6.2	0.13	71.7	4.4	57.4	26.5	-508.5	1316. 8	71.7	4.4
085	139	6179	1.5	24.838 0	48.6	0.0636	48.8	0.011 5	5.0	0.10	73.5	3.7	62.6	29.7	-334.2	1318. 7	73.5	3.7
107	47	3463	1.3	15.434 5	141. 3	0.1032	141.9	0.011 6	12.8	0.09	74.0	9.4	99.7	135. 6	767.5	757.0	74.0	9.4
067	73	4688	1.1	16.433 7	94.7	0.0973	95.3	0.011 6	10.9	0.11	74.4	8.1	94.3	86.0	634.0	517.4	74.4	8.1
030	102	11050	1.2	20.868 7	25.6	0.0768	27.7	0.011 6	10.6	0.38	74.5	7.9	75.1	20.1	95.2	614.4	74.5	7.9
006	73	10509	3.1	7.6748	277. 7	0.2089	278.0	0.011 6	13.9	0.05	74.5	10.3	192.6	531. 7	2101.9	374.5	74.5	10. 3
036	89	5479	1.4	14.106 0	32.8	0.1149	34.8	0.011 8	11.6	0.33	75.3	8.7	110.4	36.5	954.3	689.8	75.3	8.7

102	78	7006	1.3	20.286	51.0	0.0799	52.6	0.011	12.6	0.24	75.4	9.5	78.1	39.5	161.8	1272.	75.4	9.5
094	131	13777	1.7	21.098	51.1	0.0769	51.5	0.011	6.5	0.13	75.4	4.9	75.2	37.4	69.3	1295.	75.4	4.9
103	102	10557	1.2	18.644	23.4	0.0873	23.9	0.011	4.7	0.20	75.7	3.5	85.0	19.5	355.8	535.7	75.7	3.5
021	132	12149	1.2	24.412	75.5	0.0667	76.1	0.011	10.0	0.13	75.7	7.5	65.6	48.4	-289.9	2268.	75.7	7.5
095	67	7050	1.4	8.4536	85.0	0.1996	85.6	0.012	10.2	0.12	78.4	7.9	184.8	145.	1930.6	369.6	78.4	7.9
047	152	12386	2.0	31.477	41.7	0.0540	42.2	0.012	6.3	0.15	79.0	4.9	53.4	22.0	NA	NA	79.0	4.9
003	95	10322	2.1	-	177	-	1770.	0.012	4.5	0.00	79.2	3.5	--	--	NA	NA	79.2	3.5
028	483	50499	2.0	20.948	10.3	0.0823	10.4	0.012	1.6	0.15	80.1	1.3	80.3	8.0	86.3	244.5	80.1	1.3
088	307	15628	2.0	20.989	12.0	0.0899	12.4	0.013	2.9	0.24	87.6	2.6	87.4	10.4	81.5	286.7	87.6	2.6
033	152	23954	1.6	23.001	48.5	0.0829	48.7	0.013	3.4	0.07	88.6	3.0	80.9	37.8	-140.3	1269.	88.6	3.0
097	603	31325	1.3	20.955	7.6	0.0942	8.0	0.014	2.6	0.33	91.6	2.4	91.4	7.0	85.4	180.6	91.6	2.4
001	333	73958	1.4	22.590	13.1	0.0880	15.0	0.014	7.3	0.48	92.3	6.7	85.7	12.3	-95.9	323.3	92.3	6.7
038	666	38241	2.8	21.162	6.5	0.0944	9.7	0.014	7.2	0.74	92.7	6.6	91.6	8.5	62.1	154.2	92.7	6.6
087	255	18080	1.6	23.461	27.1	0.0860	27.7	0.014	5.8	0.21	93.7	5.4	83.8	22.3	-189.6	687.5	93.7	5.4
054	484	30989	3.6	22.092	6.3	0.0914	6.8	0.014	2.6	0.38	93.7	2.4	88.8	5.8	-41.4	152.4	93.7	2.4
072	186	16003	1.2	16.838	12.5	0.1208	13.3	0.014	4.5	0.34	94.4	4.2	115.8	14.6	581.4	273.1	94.4	4.2
081	65	7749	1.7	15.016	47.0	0.1378	48.2	0.015	10.5	0.22	96.0	10.0	131.1	59.3	825.1	1039.	96.0	10.0
100	63	9912	1.4	12.786	31.0	0.1624	33.0	0.015	11.3	0.34	96.4	10.8	152.8	46.8	1152.1	630.2	96.4	10.8
110	3090	27408	3.3	20.793	1.7	0.1009	2.6	0.015	2.0	0.77	97.3	2.0	97.6	2.4	103.8	39.5	97.3	2.0
109	85	15019	2.6	18.475	40.1	0.1143	40.6	0.015	6.2	0.15	98.0	6.0	109.9	42.3	376.3	937.0	98.0	6.0
031	169	11810	1.6	22.139	34.9	0.0954	35.7	0.015	7.4	0.21	98.0	7.2	92.5	31.6	-46.6	873.1	98.0	7.2
106	140	15701	0.7	17.827	20.9	0.1192	23.3	0.015	10.3	0.44	98.6	10.1	114.4	25.2	456.1	467.2	98.6	10.1
027	473	65206	5.8	21.034	2.2	0.1015	10.9	0.015	1.2	0.11	99.0	1.2	98.1	10.2	76.5	258.2	99.0	1.2
015	282	30039	3.1	20.828	12.2	0.1027	13.1	0.015	4.7	0.36	99.3	4.6	99.3	12.4	99.8	289.6	99.3	4.6
071	49	8206	1.4	2.1002	893.	1.0249	893.8	0.015	12.7	0.01	99.9	12.6	716.4	--	4169.0	47.6	99.9	12.6
052	679	10483	4.9	20.068	7.0	0.1097	7.6	0.016	3.0	0.39	102.1	3.0	105.7	7.6	187.1	162.9	102.	3.0
014	354	32100	1.5	21.725	13.7	0.1017	13.8	0.016	1.4	0.10	102.5	1.4	98.3	12.9	-0.8	332.3	102.	1.4
064	236	23952	1.5	21.411	18.8	0.1035	19.3	0.016	4.1	0.21	102.8	4.1	100.0	18.4	34.1	454.4	102.	4.1
029	152	9528	2.7	17.435	11.4	0.1303	12.9	0.016	6.1	0.47	105.4	6.4	124.4	15.2	505.1	251.6	105.	6.4
104	165	16203	2.7	26.962	26.1	0.0867	26.8	0.017	5.9	0.22	108.4	6.3	84.4	21.7	-550.1	711.9	108.	6.3
108	165	22434	3.0	18.123	21.6	0.1299	21.9	0.017	3.8	0.17	109.1	4.1	124.0	25.6	419.3	487.7	109.	4.1
101	202	13418	1.7	20.644	28.4	0.1159	29.8	0.017	9.0	0.30	110.9	9.9	111.4	31.4	120.8	680.4	110.	9.9
010	196	21425	3.1	21.182	13.6	0.1133	14.1	0.017	3.8	0.27	111.2	4.2	109.0	14.6	59.8	325.1	111.	4.2
005	592	78588	1.9	21.603	7.1	0.1116	7.3	0.017	1.8	0.25	111.7	2.0	107.4	7.4	12.7	170.3	111.	2.0
056	194	6786	2.1	17.979	15.7	0.1355	16.3	0.017	4.6	0.28	112.9	5.2	129.1	19.8	437.2	350.5	112.	5.2
039	326	40196	1.4	21.050	9.7	0.1197	10.3	0.018	3.4	0.34	116.7	4.0	114.8	11.1	74.7	230.1	116.	4.0
016	93	11087	3.2	19.996	28.2	0.1308	30.2	0.019	10.8	0.36	121.1	12.9	124.8	35.5	195.5	667.8	121.	12.9
079	91	3835	1.3	27.012	80.0	0.0990	80.4	0.019	8.4	0.10	123.9	10.3	95.9	73.7	-555.1	2606.	123.	10.3
044	42	3343	2.2	10.026	227.	0.2772	227.8	0.020	13.8	0.06	128.6	17.5	248.4	550.	1619.1	555.9	128.	17.5
023	229	39236	8.1	22.237	16.9	0.1277	18.0	0.020	6.0	0.34	131.4	7.8	122.0	20.6	-57.3	414.7	131.	7.8
099	93	10070	2.0	24.808	37.6	0.1276	38.3	0.023	7.3	0.19	146.3	10.5	121.9	44.0	-331.1	996.2	146.	10.5
089	76	13111	1.7	22.361	20.8	0.1482	22.0	0.024	7.2	0.33	153.1	10.9	140.3	28.8	-70.9	511.8	153.	10.9

040	682	14828 7	1.1	20.388 7	3.1	0.1627	5.4	0.024 1	4.4	0.82	153.3	6.7	153.1	7.6	150.0	71.6	153. 3	6.7
062	254	43281	1.9	20.500 5	12.4	0.1637	12.6	0.024 3	2.0	0.16	155.0	3.0	154.0	17.9	137.3	292.2	155. 0	3.0
063	112	31839	1.6	27.208 3	27.9	0.1234	28.2	0.024 4	4.0	0.14	155.1	6.2	118.2	31.5	-574.6	767.8	155. 1	6.2
093	115	14617	1.1	24.554 5	46.8	0.1378	47.0	0.024 5	5.0	0.11	156.3	7.7	131.1	57.9	-304.7	1257. 0	156. 3	7.7
076	366	48645	1.6	20.129 6	6.1	0.1687	6.5	0.024 6	2.1	0.32	156.9	3.2	158.3	9.5	179.9	142.7	156. 9	3.2
008	41	6870	1.5	22.332 0	72.0	0.1533	73.0	0.024 8	12.3	0.17	158.1	19.2	144.8	98.9	-67.7	2036. 3	158. 1	19. 2
078	118	14960	0.8	21.962 1	28.0	0.1590	28.6	0.025 3	6.1	0.21	161.2	9.7	149.8	39.9	-27.0	689.6	161. 2	9.7
096	328	63826	1.8	19.353 1	5.1	0.1856	5.4	0.026 1	1.9	0.34	165.8	3.0	172.9	8.6	270.9	116.9	165. 8	3.0
068	291	56212	1.2	20.277 3	6.1	0.1780	6.4	0.026 2	2.0	0.30	166.6	3.2	166.3	9.9	162.9	143.5	166. 6	3.2
090	141	29797	2.2	22.892 9	18.7	0.2055	19.3	0.034 1	4.8	0.25	216.3	10.2	189.8	33.4	-128.6	464.5	216. 3	10. 2
082	552	15209 0	2.0	11.398 5	0.2	2.8766	1.1	0.237 8	1.0	0.97	1375. 3	12.9	1375. 8	8.1	1376.6	4.7	137 6.6	4.7
032	173	17042 3	0.8	11.187 0	1.3	3.1670	6.3	0.257 0	6.2	0.98	1474. 2	81.4	1449. 1	48.8	1412.5	25.4	141 2.5	25. 4
009	166	26415 3	2.0	9.4811	0.7	4.3338	3.4	0.298 0	3.4	0.98	1681. 4	49.9	1699. 8	28.4	1722.6	12.6	172 2.6	12. 6
037	140	35113 7	0.7	9.2131	0.7	4.4335	2.6	0.296 2	2.5	0.96	1672. 7	36.4	1718. 6	21.4	1775.1	13.6	177 5.1	13. 6
<b>ED072713-160 – Merry Canyon Rd.</b>																		
020	213	3914	2.1	22.554 8	26.6	0.0416	27.5	0.006 8	7.0	0.25	43.7	3.1	41.4	11.2	-92.0	663.3	43.7	3.1
007	989	21020	0.8	21.827 3	10.8	0.0457	11.0	0.007 2	2.4	0.21	46.4	1.1	45.3	4.9	-12.1	260.5	46.4	1.1
066	2042	3986	0.7	19.828 4	9.2	0.0520	9.2	0.007 5	0.9	0.10	48.0	0.4	51.5	4.6	215.0	213.4	48.0	0.4
042	881	5496	1.2	20.931 4	12.6	0.0497	13.2	0.007 5	3.6	0.28	48.4	1.8	49.2	6.3	88.2	300.8	48.4	1.8
045	1207	19951	0.9	22.236 6	7.7	0.0469	8.1	0.007 6	2.5	0.31	48.6	1.2	46.6	3.7	-57.2	187.8	48.6	1.2
010	583	11846	1.1	22.581 3	20.7	0.0462	20.9	0.007 6	2.4	0.11	48.6	1.1	45.9	9.4	-94.8	513.7	48.6	1.1
054	811	27434	1.2	21.502 1	12.1	0.0489	12.2	0.007 6	1.8	0.14	49.0	0.9	48.5	5.8	24.0	291.5	49.0	0.9
088	887	3699	0.6	19.696 1	9.4	0.0580	10.7	0.008 3	5.1	0.48	53.2	2.7	57.3	6.0	230.4	218.2	53.2	2.7
082	167	3560	3.1	18.962 4	49.0	0.0763	49.3	0.010 5	5.0	0.10	67.3	3.4	74.7	35.5	317.4	1182. 2	67.3	3.4
095	189	9685	0.8	23.968 0	27.3	0.0619	27.8	0.010 8	4.9	0.18	69.0	3.3	61.0	16.4	-243.2	701.4	69.0	3.3
046	150	1155	0.8	15.626 4	34.4	0.0951	35.1	0.010 8	6.9	0.20	69.1	4.8	92.2	31.0	741.4	749.9	69.1	4.8
026	127	10112	1.3	16.830 2	89.8	0.0897	90.2	0.010 9	8.5	0.09	70.2	5.9	87.2	75.5	582.4	515.0	70.2	5.9
085	83	2389	2.0	13.344 3	22.1	0.1143	24.0	0.011 1	9.3	0.39	70.9	6.6	109.9	25.0	1066.9	450.6	70.9	6.6
104	142	10509	1.8	31.986 0	53.1	0.0477	53.4	0.011 1	6.1	0.11	71.0	4.3	47.3	24.7	NA	NA	71.0	4.3
001	186	5069	1.7	17.332 2	30.2	0.0885	31.0	0.011 1	7.1	0.23	71.3	5.0	86.1	25.6	518.2	677.0	71.3	5.0
040	161	4210	1.9	23.365 1	24.8	0.0661	25.3	0.011 2	5.0	0.20	71.8	3.6	65.0	15.9	-179.3	625.7	71.8	3.6
012	205	8301	1.2	21.509 6	34.4	0.0719	34.6	0.011 2	3.6	0.10	71.9	2.6	70.5	23.5	23.2	847.0	71.9	2.6
006	893	19123	0.8	21.289 7	5.7	0.0726	6.0	0.011 2	1.6	0.27	71.9	1.2	71.2	4.1	47.8	137.3	71.9	1.2
024	317	12665	1.4	23.422 8	8.3	0.0663	9.3	0.011 3	4.4	0.47	72.2	3.1	65.2	5.9	-185.4	206.6	72.2	3.1
081	351	6498	1.5	19.824 0	11.6	0.0785	12.0	0.011 3	3.0	0.25	72.4	2.2	76.7	8.8	215.5	269.1	72.4	2.2
028	836	20899	0.7	21.445 0	10.6	0.0728	11.0	0.011 3	3.2	0.29	72.5	2.3	71.3	7.6	30.3	254.0	72.5	2.3
061	356	19446	0.8	21.520 5	13.4	0.0730	13.5	0.011 4	1.8	0.14	73.0	1.3	71.5	9.3	21.9	322.5	73.0	1.3
017	257	6118	1.3	25.752 4	34.4	0.0611	34.9	0.011 4	6.2	0.18	73.1	4.5	60.2	20.4	-428.1	924.4	73.1	4.5
002	1247	17878	0.6	21.277 7	7.2	0.0740	7.6	0.011 4	2.4	0.32	73.2	1.8	72.5	5.3	49.1	172.0	73.2	1.8
034	302	3834	1.1	19.583 1	14.2	0.0806	14.5	0.011 4	2.9	0.20	73.4	2.1	78.7	11.0	243.7	328.8	73.4	2.1
089	837	26666	0.6	21.176 7	8.0	0.0745	8.2	0.011 4	1.8	0.21	73.4	1.3	73.0	5.8	60.4	192.0	73.4	1.3
048	192	5165	1.8	21.715 7	21.1	0.0732	21.7	0.011 5	5.3	0.24	73.9	3.9	71.7	15.0	0.2	512.4	73.9	3.9
019	645	21013	1.3	20.790 6	9.5	0.0768	9.8	0.011 6	2.5	0.25	74.2	1.8	75.1	7.1	104.1	224.8	74.2	1.8

033	187	2768	1.5	20.458	8	27.5	0.0789	29.1	0.011	7	9.6	0.33	75.0	7.2	77.1	21.6	142.0	655.4	75.0	7.2
107	349	10346	0.8	19.611	2	14.2	0.0824	14.6	0.011	7	3.1	0.21	75.1	2.3	80.4	11.3	240.4	329.8	75.1	2.3
059	138	4037	1.8	32.432	1	56.6	0.0499	56.9	0.011	7	6.1	0.11	75.2	4.5	49.4	27.5	-1075.5	1830.	75.2	4.5
050	236	14226	1.9	19.206	9	16.3	0.0846	16.6	0.011	8	3.1	0.19	75.5	2.3	82.4	13.1	288.3	374.8	75.5	2.3
100	262	11162	1.9	21.235	1	25.9	0.0765	26.6	0.011	8	6.3	0.24	75.5	4.7	74.9	19.2	53.9	626.3	75.5	4.7
098	90	2823	1.3	15.599	1	49.6	0.1047	50.6	0.011	8	9.9	0.20	75.9	7.5	101.1	48.7	745.1	1118.	75.9	7.5
109	89	3048	1.5	14.020	5	103.	0.1166	104.1	0.011	9	9.5	0.09	76.0	7.2	112.0	110.	966.7	353.5	76.0	7.2
077	1770	5141	0.5	20.217	1	4.1	0.0811	4.7	0.011	9	2.4	0.51	76.2	1.8	79.2	3.6	169.8	95.2	76.2	1.8
092	193	5826	3.9	21.308	6	28.4	0.0772	28.7	0.011	9	4.0	0.14	76.5	3.0	75.5	20.9	45.7	690.2	76.5	3.0
016	268	8173	1.7	23.352	7	28.4	0.0707	28.6	0.012	0	3.3	0.12	76.8	2.6	69.4	19.2	-177.9	719.8	76.8	2.6
108	138	3804	1.1	32.449	3	70.4	0.0512	70.8	0.012	1	6.7	0.10	77.2	5.2	50.7	35.0	-1077.1	2402.	77.2	5.2
053	665	30916	1.5	22.226	9	4.3	0.0761	5.7	0.012	3	3.7	0.66	78.6	2.9	74.5	4.1	-56.1	105.1	78.6	2.9
110	692	7862	3.9	20.716	4	8.3	0.0817	9.2	0.012	3	3.9	0.43	78.7	3.1	79.8	7.1	112.6	197.0	78.7	3.1
051	338	13501	5.1	23.362	3	18.2	0.0740	18.8	0.012	5	4.7	0.25	80.3	3.7	72.5	13.2	-179.0	457.7	80.3	3.7
005	116	5403	2.2	21.847	0	51.2	0.0866	51.6	0.013	7	6.6	0.13	87.8	5.7	84.3	41.8	-14.3	1316.	87.8	5.7
102	250	4685	1.9	18.703	2	20.6	0.1026	21.5	0.013	9	6.2	0.29	89.1	5.5	99.2	20.3	348.7	470.3	89.1	5.5
047	121	7312	1.9	26.664	2	77.6	0.0724	77.7	0.014	0	4.4	0.06	89.7	3.9	71.0	53.3	-520.2	2466.	89.7	3.9
021	155	8591	1.7	28.343	0	66.0	0.0688	66.0	0.014	1	2.3	0.03	90.6	2.0	67.6	43.2	-686.3	2033.	90.6	2.0
011	94	6294	1.7	14.334	9	134.	0.1362	134.9	0.014	2	6.3	0.05	90.6	5.6	129.6	165.	921.3	594.2	90.6	5.6
043	370	12728	1.5	18.378	4	14.5	0.1068	14.8	0.014	2	2.9	0.19	91.1	2.6	103.0	14.5	388.1	328.1	91.1	2.6
069	1639	32076	2.7	20.899	6	1.9	0.0947	2.1	0.014	4	1.0	0.47	91.9	0.9	91.9	1.9	91.7	44.0	91.9	0.9
018	131	3998	1.3	21.833	1	27.7	0.0909	28.1	0.014	4	4.7	0.17	92.1	4.3	88.3	23.8	-12.8	680.7	92.1	4.3
094	422	26259	1.7	22.175	5	14.4	0.0896	14.7	0.014	4	2.7	0.18	92.2	2.5	87.1	12.3	-50.5	352.6	92.2	2.5
087	394	15854	3.5	24.263	3	21.3	0.0823	21.5	0.014	5	3.4	0.16	92.7	3.2	80.3	16.6	-274.3	545.7	92.7	3.2
086	403	14399	1.1	21.672	3	11.5	0.0923	11.7	0.014	5	1.8	0.15	92.9	1.7	89.6	10.0	5.0	278.7	92.9	1.7
091	198	10016	37.8	26.325	0	43.2	0.0765	43.4	0.014	6	4.1	0.10	93.5	3.8	74.9	31.4	-486.1	1195.	93.5	3.8
039	1699	61432	3.4	20.763	6	2.7	0.0973	3.1	0.014	6	1.4	0.45	93.7	1.3	94.3	2.7	107.2	64.4	93.7	1.3
071	80	6070	2.0	38.816	8	66.4	0.0524	66.7	0.014	7	6.5	0.10	94.3	6.1	51.8	33.7	NA	NA	94.3	6.1
096	2938	86790	4.8	21.057	9	2.1	0.0994	2.6	0.015	2	1.6	0.62	97.1	1.6	96.2	2.4	73.8	49.0	97.1	1.6
106	447	14627	1.8	20.979	8	10.0	0.0999	12.0	0.015	2	6.7	0.56	97.3	6.5	96.7	11.1	82.6	237.2	97.3	6.5
060	388	9581	1.8	21.135	4	11.6	0.0996	11.9	0.015	3	2.8	0.24	97.7	2.7	96.5	11.0	65.1	276.5	97.7	2.7
015	878	58968	2.3	20.575	8	3.6	0.1075	4.6	0.016	0	2.8	0.62	102.6	2.9	103.7	4.5	128.6	84.4	102.	2.9
037	96	7713	3.3	17.321	3	38.0	0.1304	38.9	0.016	4	8.4	0.22	104.8	8.7	124.5	45.6	519.6	862.4	104.	8.7
105	304	19499	1.7	21.551	9	17.5	0.1088	17.6	0.017	0	1.8	0.10	108.7	2.0	104.9	17.5	18.5	422.1	108.	2.0
074	124	4897	3.2	24.634	3	34.6	0.0993	34.8	0.017	7	4.1	0.12	113.3	4.7	96.1	32.0	-313.0	909.1	113.	4.7
063	638	17972	6.6	20.387	3	5.2	0.1222	5.8	0.018	1	2.5	0.43	115.5	2.8	117.1	6.4	150.2	122.5	115.	2.8
025	5321	18208	2.8	20.622	7	0.4	0.1254	4.1	0.018	8	4.1	1.00	119.8	4.8	120.0	4.6	123.2	9.2	119.	4.8
057	517	29691	2.8	20.562	6	7.3	0.1264	7.3	0.018	8	1.1	0.14	120.4	1.3	120.8	8.4	130.1	170.9	120.	1.3
049	101	8923	2.2	23.522	7	46.2	0.1114	46.5	0.019	0	5.6	0.12	121.4	6.8	107.3	47.4	-196.1	1213.	121.	6.8
083	37	1710	3.1	36.910	4	91.6	0.0712	91.9	0.019	1	8.4	0.09	121.7	10.1	69.9	62.1	-1483.9	1786.	121.	10.
023	569	37817	1.0	20.576	4	10.0	0.1299	10.2	0.019	4	1.5	0.15	123.8	1.9	124.0	11.9	128.6	236.9	123.	1.9
030	39	4000	2.0	29.250	1	69.1	0.1177	69.7	0.025	0	8.7	0.13	159.0	13.7	113.0	74.7	-774.4	2200.	159.	13.

052	181	7029	1.4	22.648 8	14.8	0.1560	15.1	0.025 6	2.9	0.19	163.1	4.7	147.2	20.7	-102.2	366.1	163. 1	4.7
080	246	6500	1.2	19.803 9	8.0	0.1790	8.4	0.025 7	2.3	0.28	163.7	3.7	167.2	12.9	217.8	186.4	163. 7	3.7
067	211	16252	1.0	20.850 8	13.4	0.1742	13.6	0.026 3	2.3	0.17	167.6	3.8	163.1	20.5	97.3	318.6	167. 6	3.8
076	44	3252	1.9	15.610 4	28.2	0.2350	28.7	0.026 6	5.3	0.18	169.3	8.9	214.3	55.5	743.6	607.7	169. 3	8.9
093	139	13966	2.7	18.803 6	12.2	0.1992	12.7	0.027 2	3.4	0.27	172.8	5.9	184.4	21.4	336.5	278.3	172. 8	5.9
029	121	10999	1.5	18.975 0	18.5	0.1993	18.6	0.027 4	1.8	0.10	174.5	3.1	184.6	31.4	315.9	423.5	174. 5	3.1
022	388	26535	1.3	20.342 0	4.4	0.1865	4.6	0.027 5	1.5	0.33	175.0	2.6	173.7	7.4	155.4	102.6	175. 0	2.6
055	121	17534	3.3	16.696 0	11.6	0.2790	12.2	0.033 8	4.0	0.33	214.2	8.5	249.9	27.1	599.7	251.2	214. 2	8.5
003	288	80199	1.8	19.442 7	4.6	0.2437	9.0	0.034 4	7.8	0.86	217.8	16.6	221.4	18.0	260.3	106.7	217. 8	16. 6
013	152	26601	3.4	20.241 5	11.6	0.2711	11.8	0.039 8	2.0	0.17	251.6	4.8	243.6	25.5	167.0	272.5	251. 6	4.8
062	230	18448	3.7	19.566 3	3.9	0.2851	5.2	0.040 5	3.4	0.65	255.7	8.5	254.7	11.7	245.7	90.8	255. 7	8.5
044	662	21869	2.7	16.236 8	1.1	0.8654	1.3	0.101 9	0.8	0.57	625.6	4.5	633.1	6.3	659.9	23.6	625. 6	4.5
<b>ED072713-162 – Camprec Rd.</b>																		
067	425	16234	1.6	16.841 4	21.3	0.0588	21.8	0.007 2	4.3	0.20	46.1	2.0	58.0	12.3	580.9	468.3	46.1	2.0
107	989	5101	1.1	17.687 9	17.7	0.0573	18.3	0.007 4	4.5	0.25	47.3	2.1	56.6	10.1	473.5	394.6	47.3	2.1
020	216	2583	0.9	12.491 7	41.4	0.0824	42.3	0.007 5	8.7	0.21	48.0	4.1	80.4	32.7	1198.3	854.1	48.0	4.1
025	900	33905	1.1	21.427 8	10.5	0.0481	10.9	0.007 5	2.9	0.27	48.0	1.4	47.7	5.1	32.3	251.1	48.0	1.4
088	674	24160	1.2	20.837 8	8.0	0.0497	8.1	0.007 5	1.2	0.14	48.2	0.6	49.2	3.9	98.8	189.9	48.2	0.6
062	732	31305	1.9	21.317 9	11.9	0.0495	12.1	0.007 7	1.8	0.15	49.2	0.9	49.1	5.8	44.6	286.2	49.2	0.9
003	721	30210	2.1	21.551 8	10.7	0.0491	10.8	0.007 7	1.4	0.13	49.3	0.7	48.7	5.1	18.5	257.7	49.3	0.7
090	963	48115	1.8	22.250 5	8.8	0.0476	9.1	0.007 7	2.4	0.26	49.4	1.2	47.3	4.2	-58.7	215.4	49.4	1.2
022	599	27486	1.5	20.699 8	15.6	0.0514	15.8	0.007 7	2.9	0.18	49.5	1.4	50.8	7.9	114.5	369.3	49.5	1.4
039	659	39796	1.3	22.758 0	16.3	0.0468	16.6	0.007 7	2.8	0.17	49.6	1.4	46.4	7.5	-114.0	404.4	49.6	1.4
065	457	13935	2.8	20.914 7	18.7	0.0517	19.0	0.007 8	3.1	0.16	50.3	1.5	51.2	9.5	90.1	446.6	50.3	1.5
087	412	20897	1.6	24.105 0	14.1	0.0451	14.9	0.007 9	4.7	0.32	50.7	2.4	44.8	6.5	-257.7	359.8	50.7	2.4
096	391	19022	2.1	26.616 7	45.8	0.0409	46.0	0.007 9	4.3	0.09	50.7	2.2	40.7	18.4	-515.5	1281. 5	50.7	2.2
049	179	5209	1.6	16.596 3	76.2	0.0659	76.6	0.007 9	7.8	0.10	50.9	4.0	64.8	48.1	612.7	1990. 7	50.9	4.0
004	586	23616	1.4	21.937 8	16.5	0.0503	16.7	0.008 0	2.1	0.12	51.4	1.1	49.8	8.1	-24.3	402.9	51.4	1.1
048	609	50967	1.4	21.940 7	17.3	0.0507	17.7	0.008 1	3.8	0.22	51.8	2.0	50.2	8.7	-24.7	421.5	51.8	2.0
106	382	17541	2.3	23.930 7	13.2	0.0474	15.4	0.008 2	8.0	0.52	52.8	4.2	47.0	7.1	-239.3	333.7	52.8	4.2
035	249	13770	1.1	23.050 9	26.6	0.0627	26.9	0.010 5	3.4	0.13	67.2	2.3	61.7	16.1	-145.6	670.2	67.2	2.3
082	295	19051	2.0	19.813 6	15.5	0.0743	16.5	0.010 7	5.6	0.34	68.4	3.8	72.7	11.6	216.7	359.9	68.4	3.8
102	252	2688	1.4	13.255 1	28.0	0.1156	28.7	0.011 1	6.2	0.21	71.2	4.4	111.0	30.2	1080.3	573.6	71.2	4.4
027	125	12566	1.8	20.728 0	35.1	0.0741	35.9	0.011 1	7.8	0.22	71.4	5.5	72.6	25.2	111.2	850.8	71.4	5.5
058	127	10198	1.4	22.854 1	44.1	0.0675	45.0	0.011 2	8.7	0.19	71.7	6.2	66.3	28.9	-124.4	1137. 9	71.7	6.2
094	225	40689	1.8	21.444 3	23.7	0.0723	24.3	0.011 3	5.2	0.21	72.1	3.7	70.9	16.6	30.4	575.8	72.1	3.7
093	197	9739	1.5	21.983 8	20.0	0.0706	20.6	0.011 3	5.1	0.25	72.2	3.7	69.3	13.8	-29.4	488.8	72.2	3.7
005	334	17506	2.6	24.202 5	16.8	0.0645	17.3	0.011 3	4.1	0.24	72.6	3.0	63.5	10.6	-267.9	429.4	72.6	3.0
076	275	28398	2.3	20.775 5	27.2	0.0754	28.2	0.011 4	7.3	0.26	72.8	5.3	73.8	20.1	105.8	654.0	72.8	5.3
009	245	17485	1.5	24.855 6	24.5	0.0630	24.7	0.011 4	2.6	0.10	72.8	1.8	62.0	14.8	-336.0	639.3	72.8	1.8
031	193	15362	2.3	19.275 2	29.0	0.0813	29.7	0.011 4	6.1	0.20	72.9	4.4	79.4	22.7	280.2	677.6	72.9	4.4
037	225	10691	1.3	22.170 6	28.1	0.0707	28.6	0.011 4	5.5	0.19	72.9	4.0	69.4	19.2	-50.0	694.4	72.9	4.0
032	119	6722	1.5	11.052 8	139. 0	0.1421	139.3	0.011 4	8.6	0.06	73.0	6.2	134.9	177. 8	1435.6	247.8	73.0	6.2

036	216	10065	2.0	25.960 2	23.7	0.0608	24.3	0.011 4	5.5	0.23	73.4	4.0	59.9	14.2	-449.2	631.1	73.4	4.0
108	204	21204	1.7	21.802 3	40.3	0.0725	40.5	0.011 5	4.0	0.10	73.5	2.9	71.1	27.8	-9.4	1009. 3	73.5	2.9
075	102	13871	2.0	10.683 1	283. 9	0.1484	284.0	0.011 5	7.5	0.03	73.7	5.5	140.5	391. 0	1500.2	924.3	73.7	5.5
092	656	46773	2.8	20.418 2	6.6	0.0777	7.2	0.011 5	2.8	0.39	73.7	2.0	76.0	5.3	146.7	155.4	73.7	2.0
038	198	28583	2.1	18.211 6	17.7	0.0877	18.0	0.011 6	2.9	0.16	74.2	2.1	85.3	14.7	408.5	399.5	74.2	2.1
110	1588	10622 0	2.9	20.898 9	2.7	0.0770	2.9	0.011 7	1.2	0.41	74.8	0.9	75.4	2.1	91.8	63.2	74.8	0.9
103	119	12430	1.3	15.759 2	27.9	0.1027	29.4	0.011 7	9.2	0.31	75.2	6.9	99.3	27.8	723.5	603.8	75.2	6.9
085	119	13427	1.1	31.615 5	42.0	0.0514	42.7	0.011 8	7.4	0.17	75.5	5.6	50.9	21.2	NA	NA	75.5	5.6
001	198	20104	1.3	23.046 9	37.0	0.0709	37.7	0.011 9	7.3	0.19	76.0	5.5	69.6	25.4	-145.2	945.7	76.0	5.5
050	165	16418	1.9	17.827 8	43.3	0.0917	43.6	0.011 9	5.0	0.12	76.0	3.8	89.1	37.2	456.0	1006. 5	76.0	3.8
042	216	23444	1.0	21.342 1	22.5	0.0768	23.4	0.011 9	6.5	0.28	76.1	4.9	75.1	16.9	41.9	543.0	76.1	4.9
064	119	9467	1.9	18.930 4	33.4	0.0872	34.1	0.012 0	6.8	0.20	76.8	5.2	84.9	27.8	321.3	778.1	76.8	5.2
028	183	9159	2.7	19.694 7	28.8	0.0856	29.1	0.012 2	4.3	0.15	78.3	3.3	83.4	23.3	230.6	678.0	78.3	3.3
007	614	14052 1	5.1	21.154 6	7.6	0.0850	8.0	0.013 0	2.5	0.32	83.6	2.1	82.9	6.4	62.9	181.4	83.6	2.1
100	320	12090	1.3	20.672 8	13.4	0.0886	13.6	0.013 3	1.9	0.14	85.1	1.6	86.2	11.2	117.5	318.3	85.1	1.6
016	110	9757	2.3	30.190 1	44.6	0.0611	44.9	0.013 4	5.6	0.12	85.7	4.7	60.2	26.3	-864.5	1336. 8	85.7	4.7
011	176	18753	2.2	23.228 3	30.3	0.0808	30.6	0.013 6	4.6	0.15	87.2	4.0	78.9	23.3	-164.6	768.6	87.2	4.0
053	198	15366	1.2	21.103 2	21.5	0.0891	21.9	0.013 6	4.5	0.20	87.3	3.9	86.7	18.2	68.8	515.7	87.3	3.9
054	181	16643	1.8	21.065 9	17.6	0.0895	17.9	0.013 7	3.5	0.20	87.5	3.1	87.0	15.0	73.0	420.7	87.5	3.1
098	88	11581	1.1	24.688 4	58.8	0.0786	59.2	0.014 1	6.7	0.11	90.1	6.0	76.8	43.8	-318.6	1640. 2	90.1	6.0
077	223	23545	2.4	23.284 7	19.4	0.0833	19.7	0.014 1	3.4	0.17	90.1	3.0	81.3	15.4	-170.7	488.0	90.1	3.0
084	133	14886	3.1	28.608 4	54.5	0.0689	54.8	0.014 3	5.2	0.10	91.5	4.8	67.6	35.9	-712.2	1623. 0	91.5	4.8
006	123	10675	2.0	23.140 9	38.3	0.0854	39.5	0.014 3	9.5	0.24	91.8	8.7	83.2	31.5	-155.3	982.7	91.8	8.7
089	122	7421	1.3	18.478 9	21.9	0.1071	22.7	0.014 4	6.0	0.26	91.9	5.4	103.3	22.3	375.9	498.2	91.9	5.4
033	216	20069	1.9	23.730 5	32.0	0.0836	32.0	0.014 4	1.7	0.05	92.1	1.5	81.5	25.1	-218.1	822.4	92.1	1.5
043	366	39842	3.1	22.939 7	20.5	0.0866	20.7	0.014 4	2.4	0.12	92.2	2.2	84.3	16.7	-133.6	512.7	92.2	2.2
083	125	27531	2.1	23.386 0	57.6	0.0852	57.8	0.014 5	4.8	0.08	92.5	4.4	83.0	46.1	-181.5	1559. 7	92.5	4.4
008	867	70484	3.7	20.695 8	3.0	0.0965	3.3	0.014 5	1.3	0.39	92.7	1.2	93.5	2.9	114.9	71.4	92.7	1.2
021	189	23923	2.3	23.885 7	29.1	0.0836	29.6	0.014 5	5.7	0.19	92.7	5.2	81.6	23.2	-234.6	747.0	92.7	5.2
026	296	17268	2.4	22.346 1	9.2	0.0897	9.5	0.014 5	2.2	0.24	93.0	2.1	87.2	7.9	-69.2	224.7	93.0	2.1
060	348	39128	2.4	20.430 5	18.9	0.0994	20.4	0.014 7	7.6	0.37	94.2	7.1	96.2	18.7	145.2	446.8	94.2	7.1
061	221	21484	2.0	23.160 3	20.4	0.0879	20.6	0.014 8	3.0	0.14	94.5	2.8	85.5	16.9	-157.4	510.1	94.5	2.8
101	804	11385 6	1.9	20.934 4	4.8	0.0985	4.9	0.014 9	0.8	0.16	95.7	0.7	95.4	4.5	87.8	114.6	95.7	0.7
047	971	14652	2.0	19.816 9	4.6	0.1058	6.1	0.015 2	4.0	0.65	97.2	3.9	102.1	5.9	216.3	106.9	97.2	3.9
023	63	5496	9.0	20.102 0	32.6	0.1051	33.3	0.015 3	6.6	0.20	98.0	6.4	101.5	32.1	183.1	777.8	98.0	6.4
029	244	13494	1.4	18.006 4	12.2	0.1188	13.1	0.015 5	4.9	0.37	99.2	4.8	114.0	14.2	433.8	272.6	99.2	4.8
081	441	10251	2.3	19.700 2	11.3	0.1112	11.4	0.015 9	1.8	0.16	101.6	1.8	107.0	11.6	230.0	261.6	101. 6	1.8
078	132	17734	1.4	27.636 0	20.0	0.0801	20.8	0.016 1	5.6	0.27	102.7	5.7	78.2	15.7	-616.9	550.9	102. 7	5.7
066	306	31966	1.8	20.937 6	14.9	0.1104	14.9	0.016 8	1.4	0.09	107.2	1.5	106.4	15.1	87.5	354.4	107. 2	1.5
097	232	17279	1.5	21.348 1	10.1	0.1105	10.5	0.017 1	2.9	0.28	109.4	3.2	106.4	10.6	41.2	242.3	109. 4	3.2
002	149	18106	3.0	20.566 3	26.0	0.1149	26.3	0.017 1	4.4	0.17	109.6	4.8	110.4	27.6	129.7	620.2	109. 6	4.8
072	192	16361	1.4	20.955 6	18.9	0.1131	19.3	0.017 2	3.9	0.20	109.9	4.3	108.8	19.9	85.4	451.5	109. 9	4.3

018	130	40977	3.4	19.828 1	19.2	0.1197	19.9	0.017 2	5.3	0.27	110.0	5.7	114.8	21.6	215.0	447.2	110. 0	5.7
080	71	11240	3.5	20.470 3	85.6	0.1183	86.0	0.017 6	8.5	0.10	112.2	9.5	113.5	92.7	140.7	2621. 1	112. 2	9.5
073	127	17348	3.2	23.728 1	31.4	0.1039	31.8	0.017 9	5.1	0.16	114.3	5.8	100.4	30.4	-217.9	806.3	114. 3	5.8
104	119	19089	4.4	22.342 5	25.0	0.1110	25.6	0.018 0	5.6	0.22	114.9	6.4	106.9	26.0	-68.8	617.7	114. 9	6.4
091	154	24947	4.5	16.674 8	20.7	0.1525	21.1	0.018 4	3.9	0.19	117.8	4.6	144.1	28.3	602.5	453.0	117. 8	4.6
013	116	17771	2.9	18.815 6	20.8	0.1352	21.2	0.018 5	4.3	0.20	117.9	5.0	128.8	25.7	335.1	475.5	117. 9	5.0
052	176	14725	4.2	22.581 8	12.7	0.1141	13.2	0.018 7	3.5	0.27	119.4	4.2	109.8	13.8	-94.9	313.8	119. 4	4.2
059	141	29688	1.6	19.166 4	22.9	0.1627	23.2	0.022 6	3.3	0.14	144.1	4.7	153.0	32.9	293.1	529.6	144. 1	4.7
057	267	27968	1.5	18.796 9	8.7	0.1721	9.1	0.023 5	2.6	0.28	149.5	3.8	161.2	13.6	337.3	198.4	149. 5	3.8
040	236	71101	1.1	21.401 3	5.6	0.1572	7.5	0.024 4	5.0	0.66	155.4	7.6	148.3	10.4	35.2	135.3	155. 4	7.6
056	383	33472	1.5	20.133 1	6.6	0.1677	6.9	0.024 5	2.2	0.32	156.0	3.4	157.4	10.1	179.5	153.2	156. 0	3.4
069	205	34953	1.3	18.560 1	10.5	0.1890	10.7	0.025 4	2.4	0.22	162.0	3.8	175.8	17.3	366.0	236.2	162. 0	3.8
109	160	34085	1.7	21.524 8	12.9	0.1720	13.6	0.026 8	4.3	0.32	170.8	7.3	161.1	20.2	21.5	310.1	170. 8	7.3
055	81	23024	1.8	23.069 3	31.9	0.1746	32.2	0.029 2	4.8	0.15	185.7	8.9	163.4	48.7	-147.6	807.8	185. 7	8.9
034	67	16689	3.7	21.391 6	22.4	0.2034	22.7	0.031 6	3.7	0.16	200.2	7.3	188.0	38.9	36.3	541.4	200. 2	7.3
063	97	19109	1.6	22.802 4	16.0	0.2044	18.3	0.033 8	8.9	0.49	214.3	18.8	188.9	31.6	-118.8	397.1	214. 3	18. 8
017	95	70728	3.5	20.292 8	23.4	0.2554	24.1	0.037 6	5.9	0.24	237.9	13.7	231.0	49.9	161.1	554.4	237. 9	13. 7
051	158	13036	1.7	16.273 2	3.5	0.8175	7.2	0.096 5	6.3	0.87	593.7	35.5	606.6	32.8	655.0	75.7	593. 7	35. 5
086	510	11467 5	6.7	11.396 7	0.5	2.8230	2.4	0.233 3	2.3	0.98	1352. 0	28.3	1361. 7	17.7	1376.9	8.7	137 6.9	8.7
015	262	25356 9	0.8	11.313 3	0.3	2.8750	0.8	0.235 9	0.8	0.94	1365. 3	9.3	1375. 4	6.1	1391.0	5.3	139 1.0	5.3
071	222	14019	0.8	11.274 4	1.0	2.5087	7.0	0.205 1	6.9	0.99	1202. 9	76.1	1274. 6	50.8	1397.6	18.3	139 7.6	18. 3
046	280	28118 6	2.4	9.9185	0.9	3.4604	3.0	0.248 9	2.8	0.95	1432. 9	36.2	1518. 2	23.3	1639.3	16.9	163 9.3	16. 9
<b>ED072713-163 – Plain</b>																		
037	302	8652	2.4	22.324 2	20.9	0.0608	23.0	0.009 8	9.5	0.41	63.2	6.0	60.0	13.4	-66.8	514.8	63.2	6.0
052	273	9023	1.3	19.291 2	29.8	0.0734	30.4	0.010 3	5.8	0.19	65.9	3.8	71.9	21.1	278.2	697.1	65.9	3.8
014	94	3717	1.9	17.939 1	38.3	0.0798	39.1	0.010 4	7.9	0.20	66.6	5.2	77.9	29.4	442.2	882.7	66.6	5.2
106	104	3118	1.3	30.770 1	80.4	0.0468	80.7	0.010 5	7.1	0.09	67.0	4.7	46.5	36.7	-919.6	2817. 3	67.0	4.7
035	265	7870	1.5	21.840 0	26.6	0.0661	26.8	0.010 5	2.9	0.11	67.1	2.0	65.0	16.8	-13.5	653.0	67.1	2.0
075	145	6250	36.1	24.693 8	45.2	0.0595	45.6	0.010 6	6.4	0.14	68.3	4.4	58.6	26.0	-319.2	1212. 7	68.3	4.4
087	117	3518	1.5	19.657 3	24.2	0.0751	25.6	0.010 7	8.2	0.32	68.7	5.6	73.5	18.1	235.0	566.3	68.7	5.6
028	133	5732	1.6	22.871 9	52.8	0.0646	53.1	0.010 7	5.5	0.10	68.7	3.8	63.5	32.7	-126.3	1393. 3	68.7	3.8
104	178	8753	1.3	24.840 6	35.1	0.0596	35.4	0.010 7	4.5	0.13	68.8	3.1	58.8	20.2	-334.4	927.3	68.8	3.1
095	231	10893	1.4	24.328 4	18.3	0.0616	19.4	0.010 9	6.5	0.33	69.6	4.5	60.7	11.4	-281.1	468.9	69.6	4.5
022	112	1581	1.9	18.954 7	33.1	0.0793	33.9	0.010 9	7.3	0.22	69.9	5.1	77.5	25.3	318.4	770.8	69.9	5.1
072	173	11622	1.2	29.195 5	48.2	0.0535	48.5	0.011 3	5.0	0.10	72.7	3.6	53.0	25.0	-769.1	1429. 3	72.7	3.6
081	145	8625	1.2	23.522 4	38.0	0.0666	38.3	0.011 4	4.4	0.12	72.9	3.2	65.5	24.3	-196.0	982.3	72.9	3.2
012	153	5655	1.5	27.574 2	68.4	0.0570	69.0	0.011 4	8.8	0.13	73.0	6.4	56.2	37.8	-610.8	2101. 0	73.0	6.4
091	218	7445	1.9	20.181 8	23.4	0.0787	23.5	0.011 5	2.6	0.11	73.8	1.9	76.9	17.4	173.9	552.6	73.8	1.9
032	483	23497	2.1	20.469 2	10.3	0.0785	11.0	0.011 7	3.8	0.35	74.7	2.9	76.7	8.1	140.9	241.3	74.7	2.9
054	140	5608	1.9	21.024 7	24.0	0.0770	24.3	0.011 7	3.9	0.16	75.2	2.9	75.3	17.7	77.6	577.8	75.2	2.9
006	91	3047	1.2	8.6514 8	178.	0.1872	179.0	0.011 7	8.0	0.04	75.3	6.0	174.2	294. 6	1889.0	129.8	75.3	6.0
101	83	3513	2.0	12.421 9	161. 2	0.1304	161.5	0.011 8	8.2	0.05	75.3	6.1	124.5	191. 4	1209.3	538.6	75.3	6.1
040	191	11705	1.1	25.892 8	48.4	0.0635	48.6	0.011 9	5.0	0.10	76.4	3.8	62.5	29.5	-442.4	1340. 8	76.4	3.8

070	291	12774	32.1	21.655 8	23.0	0.0761	24.7	0.011 9	8.9	0.36	76.6	6.8	74.5	17.7	6.9	559.5	76.6	6.8
002	78	3284	1.4	21.661 1	44.7	0.0763	45.4	0.012 0	7.9	0.17	76.8	6.1	74.6	32.7	6.3	1127. 9	76.8	6.1
043	144	11941	1.5	26.607 7	46.9	0.0622	47.1	0.012 0	4.1	0.09	77.0	3.1	61.3	28.0	-514.6	1315. 7	77.0	3.1
007	112	5131	1.6	11.231 0	80.8	0.1485	81.4	0.012 1	9.8	0.12	77.5	7.5	140.6	107. 2	1405.0	1984. 1	77.5	7.5
020	98	4318	1.2	27.516 7	56.2	0.0610	56.8	0.012 2	8.2	0.15	78.0	6.4	60.1	33.1	-605.1	1643. 5	78.0	6.4
051	69	2484	5.4	33.840 5	67.1	0.0500	67.7	0.012 3	9.0	0.13	78.6	7.0	49.5	32.8	-	2320. 4	78.6	7.0
067	460	4986	4.5	19.523 4	13.3	0.0880	13.5	0.012 5	2.3	0.17	79.8	1.8	85.6	11.1	250.7	307.8	79.8	1.8
034	330	16990	0.6	21.170 3	12.3	0.0819	12.9	0.012 6	3.9	0.30	80.5	3.1	79.9	9.9	61.2	294.0	80.5	3.1
036	356	26605	1.0	21.356 2	11.1	0.0857	12.0	0.013 3	4.4	0.37	85.0	3.7	83.5	9.6	40.3	267.0	85.0	3.7
005	65	4168	1.4	9.3396	132. 0	0.1978	132.2	0.013 4	7.2	0.05	85.8	6.1	183.3	225. 3	1750.1	2.7	85.8	6.1
003	270	14650	1.9	19.427 7	14.2	0.0969	15.0	0.013 7	4.8	0.32	87.4	4.2	93.9	13.4	262.1	327.1	87.4	4.2
001	269	8709	3.4	20.728 2	17.2	0.0922	17.4	0.013 9	2.7	0.15	88.7	2.4	89.6	14.9	111.2	408.2	88.7	2.4
103	185	5843	3.4	24.644 6	24.1	0.0778	25.1	0.013 9	6.9	0.28	89.1	6.1	76.1	18.4	-314.1	624.8	89.1	6.1
102	201	18141	2.4	22.664 5	24.5	0.0856	24.6	0.014 1	2.5	0.10	90.0	2.3	83.4	19.7	-103.9	609.8	90.0	2.3
092	406	17398	4.8	21.018 0	9.8	0.0938	9.9	0.014 3	1.6	0.16	91.5	1.4	91.0	8.6	78.3	233.4	91.5	1.4
077	167	11941	1.2	21.539 5	27.7	0.0927	28.1	0.014 5	4.4	0.16	92.7	4.0	90.0	24.2	19.8	676.6	92.7	4.0
076	557	39398	1.2	20.768 2	6.1	0.0984	6.4	0.014 8	2.1	0.33	94.8	2.0	95.3	5.8	106.7	143.4	94.8	2.0
066	141	19986	1.5	21.190 7	21.0	0.0965	21.7	0.014 8	5.4	0.25	94.9	5.1	93.6	19.4	58.9	505.0	94.9	5.1
050	59	6885	2.7	7.7435	271. 1	0.2647	271.3	0.014 9	8.8	0.03	95.1	8.3	238.4	654. 1	2086.3	362.5	95.1	8.3
046	241	21960	1.4	21.390 2	13.4	0.0958	13.7	0.014 9	2.6	0.19	95.1	2.4	92.9	12.1	36.5	322.2	95.1	2.4
055	56	1729	1.4	18.298 9	38.2	0.1153	38.9	0.015 3	7.2	0.19	97.9	7.0	110.8	40.8	397.8	887.0	97.9	7.0
074	559	34330	4.2	20.145 5	7.4	0.1048	7.6	0.015 3	2.0	0.27	98.0	2.0	101.2	7.4	178.1	171.6	98.0	2.0
107	82	2679	4.3	25.157 5	67.5	0.0887	68.0	0.016 2	8.3	0.12	103.5	8.5	86.3	56.3	-367.2	1969. 6	103. 5	8.5
045	46	2331	7.4	79.680 2	159. 2	0.0290	159.4	0.016 8	8.2	0.05	107.2	8.7	29.1	45.7	NA	NA	107. 2	8.7
064	114	2715	1.1	20.493 1	19.0	0.1138	19.8	0.016 9	5.5	0.28	108.2	5.9	109.5	20.5	138.1	449.5	108. 2	5.9
059	100	5715	0.7	17.901 4	13.3	0.1321	14.1	0.017 2	4.6	0.33	109.6	5.0	126.0	16.7	446.8	296.4	109. 6	5.0
069	45	2327	3.8	9.9903	222. 7	0.2400	222.8	0.017 4	7.5	0.03	111.1	8.2	218.4	468. 6	1625.9	528.8	111. 1	8.2
015	178	12973	3.4	18.122 5	18.2	0.1415	19.6	0.018 6	7.3	0.37	118.8	8.5	134.4	24.7	419.5	410.3	118. 8	8.5
073	76	5598	1.9	18.063 4	16.3	0.1553	17.3	0.020 4	5.9	0.34	129.9	7.6	146.6	23.7	426.8	365.8	129. 9	7.6
097	49	2323	2.2	15.753 9	36.3	0.1906	36.9	0.021 8	6.6	0.18	138.9	9.0	177.1	60.0	724.2	795.2	138. 9	9.0
030	268	23418	2.1	20.593 9	8.1	0.1625	8.3	0.024 3	2.1	0.26	154.6	3.3	152.9	11.8	126.6	189.8	154. 6	3.3
031	49	3523	1.8	18.013 0	41.3	0.1870	42.3	0.024 4	9.1	0.22	155.6	14.0	174.1	67.7	433.0	958.0	155. 6	14. 0
063	142	18514	1.5	21.455 6	18.1	0.1597	18.5	0.024 8	3.8	0.20	158.2	5.9	150.4	25.9	29.2	437.7	158. 2	5.9
004	164	17724	1.7	21.547 9	16.5	0.1598	16.8	0.025 0	3.4	0.20	159.0	5.4	150.5	23.5	18.9	397.4	159. 0	5.4
056	550	40867	1.4	20.688 3	5.0	0.1692	5.2	0.025 4	1.4	0.27	161.6	2.3	158.7	7.7	115.8	118.3	161. 6	2.3
011	58	7587	2.9	20.211 8	35.8	0.1759	36.2	0.025 8	5.0	0.14	164.1	8.1	164.5	55.0	170.4	860.9	164. 1	8.1
060	193	23782	1.2	20.439 1	10.4	0.1751	11.0	0.026 0	3.7	0.33	165.2	6.0	163.9	16.7	144.3	245.0	165. 2	6.0
047	282	29252	0.8	19.689 1	7.3	0.1936	8.5	0.027 6	4.5	0.53	175.8	7.8	179.7	14.0	231.3	167.6	175. 8	7.8
105	328	26821	1.6	20.883 3	4.2	0.1861	4.5	0.028 2	1.6	0.37	179.2	2.9	173.3	7.1	93.6	98.6	179. 2	2.9
094	334	72153	2.9	20.022 9	5.1	0.2152	6.0	0.031 2	3.2	0.52	198.3	6.2	197.9	10.9	192.4	119.8	198. 3	6.2
080	122	15775	1.9	19.052 4	11.3	0.2321	11.6	0.032 1	2.8	0.24	203.5	5.6	211.9	22.2	306.7	257.6	203. 5	5.6
099	246	10342 9	5.6	10.996 5	2.5	0.6824	8.2	0.054 4	7.8	0.95	341.6	26.0	528.2	33.8	1445.3	47.7	341. 6	26. 0

016	128	16097	1.9	18.594 9	9.3	0.4289	11.3	0.057 8	6.4	0.57	362.5	22.6	362.4	34.4	361.8	209.7	362. 5	22. 6
090	429	11633 0	1.9	16.344 9	1.3	0.7201	2.5	0.085 4	2.2	0.86	528.1	10.9	550.7	10.7	645.6	27.8	528. 1	10. 9
098	892	48510 0	72.5	12.054 6	0.4	2.1878	5.2	0.191 3	5.2	1.00	1128. 3	53.6	1177. 2	36.3	1268.2	8.7	126. 8.2	8.7
086	624	20039 9	12.6	11.727 9	1.6	2.2892	3.2	0.194 7	2.8	0.87	1146. 9	29.0	1209. 0	22.4	1321.6	30.2	132. 1.6	30. 2
026	188	15476 0	0.9	11.451 9	1.3	2.8943	7.0	0.240 4	6.9	0.98	1388. 7	85.6	1380. 4	52.7	1367.6	25.1	136. 7.6	25. 1
021	86	36383	1.1	11.431 0	2.4	2.7829	3.7	0.230 7	2.8	0.76	1338. 3	33.8	1351. 0	27.6	1371.1	46.4	137. 1.1	46. 4
023	601	10185 7	4.0	11.365 1	0.5	2.6631	3.9	0.219 5	3.9	0.99	1279. 3	44.8	1318. 3	28.7	1382.2	8.8	138. 2.2	8.8
041	399	35372 5	1.1	11.335 7	0.7	2.8759	1.8	0.236 4	1.6	0.91	1368. 2	20.1	1375. 6	13.5	1387.2	14.3	138. 7.2	14. 3
096	74	79040	1.7	11.083 9	1.7	2.8759	3.9	0.231 2	3.5	0.90	1340. 7	42.4	1375. 6	29.3	1430.2	32.1	143. 0.2	32. 1
089	263	15919 8	5.3	10.223 9	0.8	1.2393	5.0	0.091 9	5.0	0.99	566.7	27.1	818.5	28.4	1582.8	14.4	158. 2.8	14. 4
061	40	67934	1.5	10.163 8	2.0	3.3790	3.4	0.249 1	2.8	0.81	1433. 7	35.9	1499. 5	27.0	1593.8	37.7	159. 3.8	37. 7
038	120	12018 2	2.3	9.4699	1.0	4.2409	2.6	0.291 3	2.4	0.93	1647. 9	35.6	1682. 0	21.6	1724.7	17.5	172. 4.7	17. 5
079	200	79528	1.6	9.2489	0.5	4.1036	2.9	0.275 3	2.8	0.98	1567. 5	39.2	1655. 0	23.4	1768.0	9.8	176. 8.0	9.8

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