

**Table 2-1  
Chuitna Coal Mine  
Life of Mine Parameters**

Year	Topsoil Rmvd (Tons)	Topsoil Truck VMT	Topsoil Dozer Hours	OB Rmvd Truck/Shovel (Tons)	OB Haul Truck VMT	OB Dozer/Loader Hours	OB Rmvd Dragline (BCY)	Coal Rmvd (Tons)	Coal Haul Truck VMT	Coal Dozer/Loader Hours	Grader on Haul Road Hours	Water Truck on Haul Road VMT	Support Vehicle Travel on Haul Road Avg. Tons	Support Vehicle Travel on Haul Road VMT	Vehicle Travel on Access Road Avg. Tons	Vehicle Travel on Access Road VMT	Vehicle Travel in Housing Area Avg. Tons	Vehicle Travel in Housing Area VMT	Vehicle Travel in Ladd Landing Avg. Tons	Vehicle Travel in Ladd Landing VMT	Open Acres	Stockpile Acres
2011	186,780	1,923	342	10,713,975	32,047	6,382	0	2,322,522	68,169	4,125	6,881	18,625	10.92	63,795	17.24	63,340	4.89	13,250	11.51	49,000	79	3.4
2012	349,579	1,516	650	24,825,130	128,189	16,709	0	3,412,801	100,170	6,061	13,167	40,127	10.41	120,952	16.67	69,971	4.51	15,250	11.51	49,002	137	3.4
2013	957,677	7,307	1,624	35,219,754	128,189	23,521	4,793,724	6,309,645	181,684	11,206	21,519	80,223	9.81	233,658	15.59	78,722	4.51	15,250	11.51	49,004	257	3.4
2014	3,115,972	12,697	4,720	54,544,195	256,377	42,706	19,124,704	12,329,972	342,499	21,898	36,585	137,650	12.59	248,202	15.59	78,724	4.51	15,250	11.51	49,006	399	3.4
2015	5,034,110	11,549	7,422	68,906,376	384,566	53,937	18,125,388	12,799,421	366,469	22,732	44,172	178,750	15.71	266,840	15.59	78,726	4.51	15,250	11.51	49,008	423	3.4
2016	2,553,094	10,793	4,639	83,366,138	384,566	61,269	18,845,045	12,316,587	366,959	21,875	47,590	174,257	15.08	262,882	15.59	78,728	4.51	15,250	11.51	49,010	362	3.4
2017	9,134,357	9,724	13,895	81,597,049	384,566	60,523	19,174,894	12,645,975	329,823	22,460	55,608	190,676	13.91	255,739	15.59	78,730	4.51	15,250	11.51	49,012	341	3.4
2018	10,254,954	10,027	16,546	78,783,495	493,994	62,226	16,903,900	12,518,737	325,280	22,234	53,585	221,495	16.80	274,031	15.59	78,732	4.51	15,250	11.51	49,014	362	3.4
2019	12,327,207	9,773	19,800	76,052,321	474,986	60,456	17,576,176	12,412,497	337,893	22,045	55,215	219,712	16.40	271,360	15.59	78,734	4.51	15,250	11.51	49,016	364	3.4
2020	9,579,962	9,614	15,950	78,149,844	489,444	62,254	18,290,568	11,390,753	336,089	20,230	51,514	220,502	19.03	289,995	15.59	78,736	4.51	15,250	11.51	49,018	383	3.4
2021	2,116,301	10,365	5,993	81,750,597	512,012	65,138	19,174,894	12,851,543	448,026	22,825	44,353	223,657	18.77	288,059	15.59	78,738	4.51	15,250	11.51	49,020	422	3.4
2022	1,869,363	9,299	5,515	83,617,783	512,754	65,966	18,865,818	13,172,279	357,942	23,394	45,204	232,234	14.61	259,975	15.59	78,740	4.51	15,250	11.51	49,022	389	3.4
2023	2,655,569	9,360	6,552	107,132,845	512,754	77,580	19,174,894	13,491,322	482,167	23,961	58,006	208,096	15.30	264,225	15.59	78,742	4.51	15,250	11.51	49,024	347	3.4
2024	5,420,770	9,609	10,115	108,477,556	512,754	78,237	19,174,894	12,197,139	394,141	21,662	61,173	236,540	18.68	287,407	15.59	78,744	4.51	15,250	11.51	49,026	368	3.4
2025	5,707,898	9,609	10,578	108,948,031	640,943	83,034	19,174,894	12,909,023	390,840	22,927	60,040	267,245	20.20	299,156	15.59	78,746	4.51	15,250	11.51	49,028	390	3.4
2026	3,363,010	9,140	7,448	106,524,814	640,943	81,525	18,278,105	13,161,391	434,770	23,375	56,005	279,270	22.84	322,095	15.59	78,748	4.51	15,250	11.51	49,030	397	3.4
2027	4,932,202	9,027	9,361	108,098,711	640,943	82,241	18,128,325	13,573,058	480,254	24,106	59,178	272,415	21.82	312,867	15.59	78,750	4.51	15,250	11.51	49,032	409	3.4
2028	4,691,835	8,105	9,015	107,930,598	640,943	81,729	16,936,172	12,681,603	458,129	22,523	58,020	259,315	20.57	302,160	15.59	78,752	4.51	15,250	11.51	49,034	413	3.4
2029	4,665,376	7,822	8,999	108,350,950	640,943	82,254	17,821,369	12,586,928	454,438	22,355	58,111	238,215	18.90	289,004	15.59	78,754	4.51	15,250	11.51	49,036	402	3.4
2030	6,088,259	8,487	10,856	109,393,985	640,943	81,070	13,123,220	14,053,118	456,403	24,959	61,732	263,204	27.22	369,175	15.59	78,756	4.51	15,250	11.51	49,038	406	3.4
2031	4,000,924	11,009	8,180	106,173,626	640,943	81,612	18,994,529	9,264,910	302,338	16,455	53,341	274,612	26.21	357,163	15.59	78,758	4.51	15,250	11.51	49,040	435	3.4
2032	3,424,548	10,454	7,262	106,269,719	640,943	81,476	18,488,074	8,404,785	341,594	14,927	51,901	242,250	16.16	269,752	15.59	78,760	4.51	15,250	11.51	49,042	444	3.4
2033	5,661,824	10,480	10,029	107,334,820	640,943	82,243	19,170,823	7,529,264	289,459	13,372	54,599	237,034	11.97	244,815	15.59	78,762	4.51	15,250	11.51	49,044	441	3.4
2034	3,362,883	9,843	7,042	105,714,738	640,943	77,939	9,428,940	6,660,278	251,221	11,829	50,060	234,419	13.84	255,325	15.59	78,764	4.51	15,250	11.51	49,046	398	3.4
2035	4,592,088	8,711	9,010	106,646,626	640,943	74,995	0	6,671,443	170,548	11,849	52,132	219,520	12.96	250,262	15.59	78,766	4.51	15,250	11.51	49,048	241	3.4