

ПРИЛОЗИ I

Табела 1. Одреден број од изворните податоци за превезената руда со дампер бр. 17 од багер РН-3;

Табела 2. Изворните податоци за превезената јаловина со дампер бр. 17 од багер САТ-7;

Табела 3. Изворните податоци за превезената руда со дампер бр. 19 од багер ОК-4;

Табела 4. Изворните податоци за превезената руда со дампер бр. 19 од багер ОК-4.

Табела 1. Одреден број од изворните податоци за превезената руда со дампер бр. 17 од багер PH-3

Table 1. A number of source data for ore transported by truck no. 17 of the PH-3 excavator

Рудник Бучим									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
дампер број	дата	време	број на циклус	товарно место	товар руда /јал	превезена маса (t/циклус)	време на циклус (s/циклус)	пат/циклус (m/циклус)	Експлоатационен капацитет t/h
17	01,01,2014	06:12:10	1539950	PH-3	R	97,1	1964	1793	118,686
17	01,01,2014	06:58:55	1539965	PH-3	R	95,5	2353	1908	97,42827
17	01,01,2014	07:19:49	1539972	PH-3	R	96,0	2363	2307	97,52381
17	01,01,2014	10:41:53	1540077	PH-3	R	99,4	2253	1760	105,8855
17	01,01,2014	11:14:26	1540089	PH-3	R	97,2	2342	1983	99,60717
17	01,01,2014	11:41:43	1540111	PH-3	R	90,0	2325	2205	92,90323
17	01,01,2014	12:28:03	1540135	PH-3	R	95,7	1825	1700	125,8521
17	01,01,2014	14:23:52	1540188	PH-3	R	99,6	2356	1997	101,4601
17	01,01,2014	14:39:56	1540195	PH-3	R	91,9	2363	2040	93,33898
17	01,01,2014	15:03:40	1540206	PH-3	R	98,1	2327	1817	101,1992
17	01,01,2014	15:26:34	1540218	PH-3	R	95,2	2337	2222	97,78729
17	01,01,2014	15:53:14	1540233	PH-3	R	99,3	2330	1906	102,3052
17	01,01,2014	16:17:38	1540244	PH-3	R	96,5	2321	2097	99,80608
17	01,01,2014	16:41:53	1540254	PH-3	R	94,1	2319	2159	97,40781
17	01,01,2014	17:07:05	1540267	PH-3	R	96,1	2328	2096	99,07216
17	01,01,2014	18:32:53	1540291	PH-3	R	95,2	2341	2067	97,59932
17	01,01,2014	18:48:19	1540296	PH-3	R	96,9	2346	1983	99,15157
17	01,01,2014	19:11:11	1540311	PH-3	R	90,0	2341	2082	92,28797
17	01,01,2014	19:38:29	1540326	PH-3	R	93,0	2417	1916	92,36499
17	01,01,2014	20:03:00	1540337	PH-3	R	94,4	2356	1915	96,1834
17	01,01,2014	20:35:51	1540353	PH-3	R	95,8	2359	2299	97,46503

17	01,01,2014	21:03:22	1540365	PH-3	R	96,6	2348	2243	98,73935
17	01,01,2014	21:30:12	1540378	PH-3	R	94,9	2341	2088	97,29176
17	01,01,2014	22:33:13	1540414	PH-3	R	95,3	2355	1789	97,12102
17	01,01,2014	22:43:53	1540418	PH-3	R	97,6	2369	2083	98,87716
17	01,01,2014	23:07:57	1540430	PH-3	R	102,4	2364	2060	103,9814
17	01,01,2014	23:31:31	1540437	PH-3	R	96,6	2375	2260	97,61684
17	01,01,2014	23:58:21	1540451	PH-3	R	101,2	2355	2142	103,1557
17	02,01,2014	00:24:25	1540463	PH-3	R	102,2	2367	2070	103,6248
17	02,01,2014	00:51:21	1540478	PH-3	R	103,4	2358	1956	105,2417
17	02,01,2014	01:15:34	1540489	PH-3	R	99,4	2384	2019	100,0881
17	02,01,2014	01:44:51	1540502	PH-3	R	98,7	2365	2123	100,1819
17	02,01,2014	02:49:56	1540523	PH-3	R	98,4	2207	1898	107,005
17	02,01,2014	03:12:59	1540537	PH-3	R	98,6	2361	2333	100,2287
17	02,01,2014	03:41:07	1540550	PH-3	R	96,1	2363	2288	97,60474
17	02,01,2014	04:12:40	1540562	PH-3	R	98,7	2365	2254	100,1819
17	02,01,2014	14:27:35	1540788	PH-3	R	93,5	2355	1932	95,30686
17	02,01,2014	14:42:22	1540794	PH-3	R	98,6	2348	2297	100,7836
17	02,01,2014	15:10:47	1540804	PH-3	R	97,8	2378	2067	98,70479
17	02,01,2014	15:37:42	1540813	PH-3	R	96,9	2337	2296	99,5122
17	02,01,2014	16:18:03	1540826	PH-3	R	97,8	2381	2104	98,60113
17	02,01,2014	16:41:57	1540834	PH-3	R	98,8	2343	2067	101,2036
17	02,01,2014	17:07:53	1540843	PH-3	R	95,0	2368	2262	96,30412
17	02,01,2014	18:41:55	1540869	PH-3	R	95,0	2308	2005	98,78683
17	02,01,2014	18:59:05	1540875	PH-3	R	92,9	2373	2183	93,97682
17	02,01,2014	19:28:10	1540882	PH-3	R	92,7	2338	2168	95,15825
17	02,01,2014	19:57:30	1540893	PH-3	R	97,4	2311	2123	101,151
17	02,01,2014	20:25:22	1540902	PH-3	R	93,6	2318	1929	96,91113
17	02,01,2014	20:53:29	1540911	PH-3	R	92,7	2311	2010	96,27001
17	02,01,2014	21:19:57	1540921	PH-3	R	92,9	2327	1913	95,81435

17	02,01,2014	22:28:41	1541037	PH-3	R	96,3	2386	1904	96,86505
17	02,01,2014	22:47:56	1541043	PH-3	R	98,5	2381	1817	99,28601
17	02,01,2014	23:10:47	1541058	PH-3	R	97,0	2424	2036	96,0396
17	03,01,2014	00:40:30	1541097	PH-3	R	96,2	2385	1699	96,82533
17	03,01,2014	01:01:24	1541104	PH-3	R	101,0	2399	1975	101,0632
17	03,01,2014	01:27:24	1541117	PH-3	R	95,5	2392	1941	95,83943
17	03,01,2014	01:51:50	1541127	PH-3	R	100,4	2378	2217	101,3502
17	03,01,2014	02:56:59	1541149	PH-3	R	100,6	2237	2270	107,9303
17	03,01,2014	03:26:50	1541160	PH-3	R	103,0	2373	2060	104,1939
17	03,01,2014	03:53:43	1541170	PH-3	R	101,0	2402	1988	100,9369
17	03,01,2014	04:19:31	1541181	PH-3	R	99,8	2388	2099	100,3225
17	03,01,2014	04:46:40	1541191	PH-3	R	97,0	2387	1899	97,54871
17	03,01,2014	05:09:21	1541200	PH-3	R	102,7	2388	2006	103,2377
17	03,01,2014	06:26:52	1541235	PH-3	R	88,7	2379	2292	89,50179
17	03,01,2014	07:30:17	1541458	PH-3	R	94,7	1777	1887	127,937
17	03,01,2014	08:36:20	1541488	PH-3	R	100,1	2255	2106	106,5602
17	03,01,2014	16:54:10	1541691	PH-3	R	97,2	2296	1880	101,6249
17	03,01,2014	17:24:18	1541704	PH-3	R	98,6	2297	2077	103,0438
17	03,01,2014	18:26:57	1541726	PH-3	R	96,9	2109	2183	110,2964
17	03,01,2014	18:52:24	1541738	PH-3	R	96,7	2274	2304	102,058
17	03,01,2014	19:17:34	1541965	PH-3	R	99,6	2296	1937	104,1115
17	03,01,2014	19:41:56	1541980	PH-3	R	97,2	2268	2365	102,8571
17	03,01,2014	20:11:30	1541996	PH-3	R	98,5	2330	2059	101,4592
17	03,01,2014	20:39:10	1542009	PH-3	R	93,6	2307	2017	97,39432
17	03,01,2014	21:11:19	1542026	PH-3	R	95,3	2303	1999	99,31394
17	03,01,2014	22:23:03	1542056	PH-3	R	97,8	2274	1735	103,219
17	03,01,2014	22:43:11	1542068	PH-3	R	98,4	2256	1957	104,6809
17	03,01,2014	23:09:21	1542083	PH-3	R	88,0	2285	3463	92,42888
17	03,01,2014	23:47:37	1542110	PH-3	R	96,0	2311	1915	99,6971

17	04,01,2014	00:07:27	1542133	PH-3	R	95,3	2258	2127	101,2932
17	04,01,2014	00:35:26	1542145	PH-3	R	90,7	2302	2011	94,58179
17	04,01,2014	01:09:19	1542161	PH-3	R	97,2	2319	1996	100,6168
17	04,01,2014	02:32:05	1542185	PH-3	R	93,9	2253	1953	100,0266
17	04,01,2014	02:47:48	1542193	PH-3	R	90,1	2272	1969	95,17606
17	04,01,2014	03:09:43	1542204	PH-3	R	95,9	2246	2191	102,4755
17	04,01,2014	03:39:18	1542215	PH-3	R	96,9	2243	2080	103,6826
17	04,01,2014	04:15:15	1542229	PH-3	R	95,1	2289	2201	99,73345
17	04,01,2014	04:41:07	1542239	PH-3	R	91,3	2262	2013	96,87003
17	04,01,2014	05:06:03	1542250	PH-3	R	95,2	2250	2264	101,5692
17	04,01,2014	06:59:50	1542343	PH-3	R	95,1	2406	2032	94,86284
17	04,01,2014	07:42:44	1542536	PH-3	R	97,2	2328	1997	100,2062
17	04,01,2014	08:16:37	1542546	PH-3	R	97,7	2332	2261	100,5704
17	04,01,2014	09:08:34	1542570	PH-3	R	96,6	2277	2235	101,8182
17	04,01,2014	11:31:28	1542619	PH-3	R	90,0	2260	1850	95,57522
17	04,01,2014	11:41:45	1542623	PH-3	R	96,9	2295	2109	101,3333
17	04,01,2014	12:09:29	1542635	PH-3	R	99,5	2296	1805	104,007
17	04,01,2014	12:31:48	1542644	PH-3	R	97,5	2287	2356	102,3174
17	04,01,2014	13:03:17	1542657	PH-3	R	97,2	2284	2290	102,1366
17	04,01,2014	14:38:18	1542712	PH-3	R	100,0	2222	1520	108,0351
17	04,01,2014	14:52:35	1542725	PH-3	R	95,3	2269	1963	100,8243
17	04,01,2014	15:29:42	1542742	PH-3	R	99,6	1292	2232	185,0871
17	04,01,2014	16:12:34	1542764	PH-3	R	93,6	2082	2044	107,8963
17	04,01,2014	16:28:53	1542773	PH-3	R	97,1	2354	1938	99,01848
17	04,01,2014	16:56:35	1542785	PH-3	R	92,9	2309	2155	96,56128
17	04,01,2014	17:21:53	1542798	PH-3	R	100,5	2282	2055	105,7199
17	05,01,2014	15:04:29	1543736	PH-3	R	98,6	2296	1719	103,0662
17	05,01,2014	15:47:56	1543765	PH-3	R	97,0	2291	2290	101,6372
17	05,01,2014	16:11:13	1543773	PH-3	R	97,0	2295	1914	101,46

17	05,01,2014	16:40:31	1543785	PH-3	R	96,8	2493	1944	93,18893
17	05,01,2014	17:05:35	1543796	PH-3	R	99,4	2321	2091	102,8054
17	05,01,2014	19:02:44	1543839	PH-3	R	94,8	2286	2210	99,54933
17	05,01,2014	19:32:35	1544052	PH-3	R	91,1	2294	2030	95,3095
17	05,01,2014	19:59:53	1544278	PH-3	R	90,8	2278	2181	95,68386
17	05,01,2014	20:25:47	1544289	PH-3	R	91,1	2299	2097	95,12291
17	05,01,2014	20:50:24	1544298	PH-3	R	96,3	2296	2018	100,6839
17	05,01,2014	21:17:41	1544313	PH-3	R	100,7	2274	1996	106,3031
17	07,01,2014	17:20:10	1546084	PH-3	R	99,6	1281	1807	186,6771
17	07,01,2014	19:20:19	1546139	PH-3	R	101,2	1791	1433	135,6493
17	08,01,2014	06:25:12	1546443	PH-3	R	101,3	1688	1796	144,0284
17	08,01,2014	08:31:58	1546529	PH-3	R	95,5	2326	1953	98,53826
17	09,01,2014	06:06:16	1547340	PH-3	R	96,1	2261	2053	102,0238
17	09,01,2014	07:12:34	1547546	PH-3	R	96,3	2325	1732	99,40645
17	09,01,2014	08:02:36	1547564	PH-3	R	95,0	1785	1873	127,7239
17	09,01,2014	09:10:08	1547585	PH-3	R	97,1	2328	1863	100,1138
17	09,01,2014	09:32:28	1547595	PH-3	R	103,3	2318	1916	106,9635
17	12,01,2014	16:30:19	1550906	PH-3	R	95,9	2322	1605	99,1428
17	12,01,2014	17:32:36	1550939	PH-3	R	95,6	2353	1587	97,50956
17	12,01,2014	18:45:52	1550960	PH-3	R	95,7	2373	1456	96,80927
17	12,01,2014	20:10:55	1550997	PH-3	R	95,2	1754	1871	130,2623
17	12,01,2014	20:32:19	1551015	PH-3	R	98,4	2314	2259	102,0791
17	13,01,2014	01:27:10	1551353	PH-3	R	95,9	1784	2041	129,0496
17	13,01,2014	16:06:08	1551858	PH-3	R	96,3	2318	1785	99,70664
17	13,01,2014	16:39:14	1551877	PH-3	R	100,8	2322	2377	104,2085
17	13,01,2014	17:07:50	1551898	PH-3	R	99,3	2310	2348	103,1688
17	13,01,2014	18:28:06	1551931	PH-3	R	97,3	2332	1972	100,1372
17	13,01,2014	19:10:47	1551958	PH-3	R	96,2	2351	2040	98,20502
17	13,01,2014	19:44:18	1552213	PH-3	R	91,3	2319	2038	94,50938

17	13,01,2014	20:11:41	1552227	PH-3	R	96,6	2327	2005	99,65184
17	13,01,2014	20:44:56	1552243	PH-3	R	95,0	2286	2256	99,75935
17	13,01,2014	21:08:57	1552256	PH-3	R	95,4	2312	2358	99,03114
17	14,01,2014	02:43:58	1552423	PH-3	R	92,7	2299	1376	96,79356
17	14,01,2014	16:08:31	1552902	PH-3	R	94,5	2277	2281	99,60474
17	14,01,2014	16:41:35	1552913	PH-3	R	97,7	2286	2127	102,5722
17	14,01,2014	17:06:32	1552924	PH-3	R	101,2	2285	2217	106,2932
17	14,01,2014	18:41:25	1552951	PH-3	R	101,1	2272	1900	106,7958
17	14,01,2014	19:03:50	1552961	PH-3	R	100,8	2302	2290	105,0912
17	14,01,2014	19:31:56	1552972	PH-3	R	93,6	2308	1929	97,35211
17	14,01,2014	20:23:23	1553201	PH-3	R	99,7	2270	2292	105,4097
17	14,01,2014	20:59:41	1553214	PH-3	R	100,0	2250	1812	106,6667
17	16,01,2014	11:19:59	1554654	PH-3	R	101,1	2206	1724	110,0159
17	16,01,2014	11:55:49	1554660	PH-3	R	102,1	2376	2301	103,153
17	16,01,2014	12:22:40	1554665	PH-3	R	101,8	2387	1769	102,3759
17	16,01,2014	12:54:51	1554671	PH-3	R	102,3	2375	2333	103,3768
17	16,01,2014	13:22:28	1554676	PH-3	R	101,9	2380	2263	102,7779
17	16,01,2014	14:58:28	1554922	PH-3	R	103,6	2356	2030	105,5348
17	16,01,2014	15:33:39	1554963	PH-3	R	100,6	2393	1863	100,9027
17	16,01,2014	15:44:26	1554980	PH-3	R	100,5	2473	1775	97,55308
17	16,01,2014	16:24:20	1555005	PH-3	R	100,1	2392	2219	100,4348
17	16,01,2014	16:54:52	1555021	PH-3	R	97,2	2389	2266	97,64755
17	16,01,2014	20:36:37	1555399	PH-3	R	102,8	2420	2347	101,9715
17	16,01,2014	21:06:55	1555413	PH-3	R	100,1	2409	1984	99,72603
17	16,01,2014	22:21:05	1555461	PH-3	R	94,7	2357	2189	96,42766
17	16,01,2014	22:50:55	1555473	PH-3	R	95,9	2392	2172	96,22074
17	16,01,2014	23:16:01	1555489	PH-3	R	93,9	2379	2162	94,72888
17	16,01,2014	23:49:00	1555502	PH-3	R	97,4	2380	2568	98,21849
17	17,01,2014	00:18:58	1555519	PH-3	R	101,4	2388	2240	101,9309

17	17,01,2014	00:46:33	1555534	PH-3	R	101,2	2354	2385	103,1776
17	17,01,2014	01:18:09	1555547	PH-3	R	100,9	2375	2388	101,9836
17	17,01,2014	02:29:47	1555579	PH-3	R	101,4	2214	2083	109,9435
17	17,01,2014	02:55:47	1555597	PH-3	R	102,2	2411	2132	101,7337
17	17,01,2014	03:24:54	1555613	PH-3	R	100,4	2318	2294	103,9584
17	17,01,2014	03:55:25	1555628	PH-3	R	103,4	2261	2606	109,764
17	17,01,2014	04:28:10	1555645	PH-3	R	101,2	2320	2179	104,7077
17	17,01,2014	04:56:39	1555661	PH-3	R	100,9	2343	2505	103,3503
17	17,01,2014	06:35:20	1555713	PH-3	R	96,8	2338	1932	99,38398
17	17,01,2014	06:49:18	1555719	PH-3	R	100,7	2482	2158	97,37309
17	17,01,2014	07:16:55	1555729	PH-3	R	102,7	2444	2102	100,8346
17	17,01,2014	07:45:16	1555964	PH-3	R	101,4	2416	2043	100,7389
17	17,01,2014	08:34:58	1555981	PH-3	R	97,6	2362	1935	99,17439
17	17,01,2014	09:02:13	1555992	PH-3	R	101,2	2375	1962	102,2868
17	17,01,2014	10:54:31	1556016	PH-3	R	93,4	2422	1783	92,55161
17	17,01,2014	11:15:04	1556022	PH-3	R	95,1	2289	2330	99,70295
17	17,01,2014	11:43:36	1556032	PH-3	R	96,4	2302	2087	100,4974
17	17,01,2014	15:39:12	1556129	PH-3	R	90,0	2344	2096	92,13641
17	17,01,2014	16:02:37	1556138	PH-3	R	99,4	2363	2318	100,9714
17	17,01,2014	16:32:49	1556148	PH-3	R	100,0	2366	1833	101,4392
17	17,01,2014	17:04:05	1556163	PH-3	R	90,0	2428	2242	88,95661
17	17,01,2014	18:52:17	1556193	PH-3	R	98,6	2331	2285	101,4991
17	17,01,2014	19:12:43	1556201	PH-3	R	100,0	2509	2116	95,65755
17	17,01,2014	19:36:58	1556214	PH-3	R	99,3	2452	2246	97,19809
17	17,01,2014	20:08:20	1556224	PH-3	R	101,5	2408	2371	101,1775
17	17,01,2014	20:38:23	1556237	PH-3	R	100,6	2394	2235	100,8479
17	17,01,2014	21:08:19	1556249	PH-3	R	101,5	2389	2123	101,9609
17	17,01,2014	23:13:16	1556588	PH-3	R	101,6	2384	1790	102,2819
17	17,01,2014	23:27:28	1556599	PH-3	R	102,1	2408	1929	101,7608

17	17,01,2014	23:50:32	1556611	PH-3	R	97,7	2423	2139	96,79257
17	18,01,2014	00:17:29	1556622	PH-3	R	103,3	2408	1892	102,9782
17	18,01,2014	00:58:27	1556638	PH-3	R	103,0	2390	2285	103,431
17	18,01,2014	01:25:00	1556647	PH-3	R	95,0	2380	2328	95,79832
17	18,01,2014	02:34:05	1556685	PH-3	R	97,5	2391	1761	97,867
17	18,01,2014	02:51:48	1556695	PH-3	R	100,5	2422	2366	99,60768
17	18,01,2014	03:19:47	1556711	PH-3	R	102,6	2384	2105	103,2886
17	18,01,2014	04:30:52	1556754	PH-3	R	103,7	2366	2094	105,1902
17	18,01,2014	04:47:17	1556767	PH-3	R	104,7	2420	2341	103,8562
17	18,01,2014	05:14:50	1556784	PH-3	R	102,0	2422	2090	101,0735
17	18,01,2014	07:03:01	1556852	PH-3	R	97,8	2413	2298	97,29326
17	18,01,2014	07:52:50	1557111	PH-3	R	94,8	2393	2079	95,09718
17	18,01,2014	08:15:53	1557123	PH-3	R	95,3	2380	2022	96,10084
17	18,01,2014	09:07:13	1557152	PH-3	R	95,4	1956	3307	117,0851
17	18,01,2014	14:34:11	1557322	PH-3	R	100,0	2350	1811	102,1494
17	18,01,2014	21:28:56	1557562	PH-3	R	100,0	1307	1854	183,6266
17	18,01,2014	23:17:08	1557877	PH-3	R	97,1	1247	1456	186,9555
17	18,01,2014	23:31:44	1557887	PH-3	R	104,3	2423	2085	103,3099
17	19,01,2014	00:12:51	1557921	PH-3	R	96,4	1223	1783	189,1742
17	19,01,2014	00:33:13	1557932	PH-3	R	102,0	2431	2286	100,6993
17	19,01,2014	01:01:52	1557948	PH-3	R	100,5	2438	2206	98,95385
17	19,01,2014	01:29:54	1557966	PH-3	R	102,6	2458	2203	100,179
17	19,01,2014	02:34:51	1557993	PH-3	R	94,6	2285	2020	99,36105
17	19,01,2014	02:58:39	1558005	PH-3	R	94,1	2448	2390	92,2549
17	19,01,2014	03:27:05	1558024	PH-3	R	96,8	2433	2182	95,48705
17	19,01,2014	04:00:26	1558043	PH-3	R	100,2	2425	1903	99,16701
17	19,01,2014	04:31:16	1558061	PH-3	R	99,6	2218	1799	107,7728
17	19,01,2014	05:00:47	1558086	PH-3	R	97,2	2419	1807	96,45648
17	19,01,2014	07:23:16	1558173	PH-3	R	96,0	2313	2196	99,63243

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17	19,01,2014	10:41:05	1558512	PH-3	R	98,7	2207	1885	107,3312
17	19,01,2014	10:56:26	1558518	PH-3	R	100,2	2435	2217	98,75975
17	19,01,2014	11:24:21	1558532	PH-3	R	99,0	2450	2368	96,97959
17	19,01,2014	15:49:29	1558683	PH-3	R	100,0	2103	1620	114,1227
17	19,01,2014	16:11:36	1558696	PH-3	R	99,0	2393	1868	99,28959
17	19,01,2014	16:23:08	1558703	PH-3	R	91,3	2415	2017	90,73292
17	19,01,2014	16:47:11	1558714	PH-3	R	98,8	2416	2220	98,16601
17	19,01,2014	17:16:17	1558731	PH-3	R	101,0	2436	1976	99,50739
17	19,01,2014	18:30:15	1558755	PH-3	R	94,5	2243	1990	101,1371
17	19,01,2014	18:54:22	1558764	PH-3	R	99,3	2416	1964	98,64238
17	19,01,2014	19:27:09	1558782	PH-3	R	94,0	2436	1966	92,62985
17	19,01,2014	20:00:39	1558798	PH-3	R	102,5	2394	2053	102,7784
17	20,01,2014	22:43:27	1560336	PH-3	R	96,3	1146	1794	201,6754
17	20,01,2014	23:11:57	1560354	PH-3	R	97,3	2239	1990	104,2966
17	20,01,2014	23:34:52	1560375	PH-3	R	100,7	1673	1763	144,5022
17	20,01,2014	23:57:33	1560385	PH-3	R	96,4	2061	2186	112,2834
17	21,01,2014	00:26:40	1560402	PH-3	R	98,9	1998	1927	118,7988
17	21,01,2014	00:49:50	1560411	PH-3	R	100,6	2243	1914	107,6656
17	21,01,2014	01:20:02	1560422	PH-3	R	96,8	2265	2141	102,5922
17	21,01,2014	02:29:27	1560451	PH-3	R	99,1	2106	1897	112,9613
17	21,01,2014	02:51:48	1560462	PH-3	R	99,0	2336	2201	101,7123
17	21,01,2014	03:21:08	1560473	PH-3	R	96,4	2257	2024	102,5305
17	21,01,2014	03:53:41	1560486	PH-3	R	99,2	2251	2401	105,7663
17	21,01,2014	04:47:55	1560509	PH-3	R	95,9	1738	2058	132,4662
17	21,01,2014	06:56:24	1560543	PH-3	R	101,6	2252	1855	108,2771
17	21,01,2014	07:20:10	1560742	PH-3	R	98,2	2266	2296	104,03
17	21,01,2014	07:58:03	1560764	PH-3	R	101,6	2108	2031	115,7011
17	21,01,2014	08:24:12	1560775	PH-3	R	95,7	2285	2189	100,5164

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17	21,01,2014	09:29:05	1560851	PH-3	R	99,8	2272	2246	105,4225
17	21,01,2014	09:54:04	1560862	PH-3	R	101,4	2296	2153	105,993
17	21,01,2014	10:18:38	1560865	PH-3	R	90,0	2278	1926	94,84083
17	21,01,2014	10:43:50	1560874	PH-3	R	100,0	3419	2054	70,20623
17	21,01,2014	11:13:03	1560884	PH-3	R	99,7	2307	2384	103,7416
17	21,01,2014	14:42:07	1560950	PH-3	R	87,2	2363	1698	88,56538
17	21,01,2014	16:11:32	1560997	PH-3	R	100,0	2347	1970	102,2582
17	21,01,2014	17:01:32	1561026	PH-3	R	93,7	2272	1724	99,00066
17	21,01,2014	18:28:36	1561059	PH-3	R	90,4	2395	1732	90,58873
17	21,01,2014	19:07:58	1561307	PH-3	R	91,9	2259	1686	97,65774
17	21,01,2014	19:41:27	1561327	PH-3	R	95,3	2274	1737	100,6026
17	21,01,2014	20:15:45	1561344	PH-3	R	93,1	2282	1789	97,93557
17	21,01,2014	20:45:38	1561362	PH-3	R	98,8	2280	2152	104
17	21,01,2014	23:36:05	1561461	PH-3	R	92,9	2205	1653	101,1386
17	21,01,2014	23:48:10	1561471	PH-3	R	95,2	2256	2134	101,299
17	22,01,2014	00:14:06	1561487	PH-3	R	94,7	2247	2324	101,1707
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17	22,01,2014	02:30:55	1561547	PH-3	R	89,5	2323	1986	92,46664
17	22,01,2014	02:52:39	1561563	PH-3	R	94,5	2273	1779	99,80198
17	22,01,2014	03:20:25	1561579	PH-3	R	96,6	2274	1780	101,9525
17	22,01,2014	03:53:33	1561596	PH-3	R	97,4	2263	1742	103,2965
17	22,01,2014	04:25:47	1561615	PH-3	R	96,2	2256	1759	102,3404
17	22,01,2014	05:00:04	1561630	PH-3	R	100,0	2242	1780	107,0473
17	22,01,2014	06:46:04	1561684	PH-3	R	92,7	2119	1811	104,9929
17	22,01,2014	07:09:17	1561785	PH-3	R	98,3	2261	1825	104,3432
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17	22,01,2014	08:01:53	1561974	PH-3	R	99,7	2280	2066	104,9704

17	22,01,2014	08:24:43	1561986	PH-3	R	99,2	2286	2113	104,147
17	22,01,2014	08:48:21	1561997	PH-3	R	92,7	2263	2355	98,3337
17	22,01,2014	09:17:15	1562010	PH-3	R	93,3	2274	2155	98,49131
17	22,01,2014	10:54:48	1562026	PH-3	R	99,2	1826	1776	130,4191
17	22,01,2014	11:29:10	1562039	PH-3	R	95,9	2208	1710	104,2391
17	22,01,2014	12:17:48	1562068	PH-3	R	98,6	1159	1627	204,176
17	22,01,2014	12:33:16	1562074	PH-3	R	100,4	2242	2300	107,4755
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17	22,01,2014	16:37:37	1562126	PH-3	R	102,9	2275	2270	108,5538
17	22,01,2014	17:08:08	1562167	PH-3	R	96,8	2282	2368	101,8277
17	22,01,2014	18:19:54	1562197	PH-3	R	93,6	2312	3024	97,16263
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17	22,01,2014	19:31:32	1562233	PH-3	R	101,4	2282	2277	106,6433
17	22,01,2014	20:02:21	1562252	PH-3	R	90,8	2286	2358	95,34894
17	22,01,2014	20:42:40	1562272	PH-3	R	101,8	2293	2419	106,5736
17	22,01,2014	21:09:20	1562286	PH-3	R	98,3	2278	2012	103,5645
17	22,01,2014	23:13:19	1562602	PH-3	R	98,0	1174	1804	200,4261
17	22,01,2014	23:31:47	1562616	PH-3	R	96,3	2263	2095	102,1525
17	22,01,2014	23:57:32	1562628	PH-3	R	98,7	2273	2174	104,2376
17	23,01,2014	00:24:48	1562642	PH-3	R	90,0	2280	2322	94,75762
17	23,01,2014	00:52:50	1562657	PH-3	R	94,1	2276	1990	99,24852
17	23,01,2014	01:18:22	1562672	PH-3	R	94,3	2298	2278	98,48564
17	23,01,2014	02:35:46	1562706	PH-3	R	95,7	2249	1875	102,1481
17	23,01,2014	02:49:45	1562715	PH-3	R	91,7	2276	1991	96,71721
17	23,01,2014	03:44:07	1562791	PH-3	R	98,4	1210	2125	195,2542
17	23,01,2014	04:05:08	1562804	PH-3	R	98,8	2261	2168	104,8971
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17	23,01,2014	06:50:22	1562877	PH-3	R	99,0	2154	2304	110,332

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17	23,01,2014	08:05:39	1562919	PH-3	R	99,6	2214	2349	107,9675
17	23,01,2014	08:33:48	1562933	PH-3	R	104,2	2275	2196	109,9494
17	23,01,2014	08:59:16	1562946	PH-3	R	90,0	2242	2283	96,36404
17	23,01,2014	09:27:43	1562957	PH-3	R	104,9	2271	2384	110,8587
17	23,01,2014	10:38:57	1562977	PH-3	R	102,2	2088	1981	117,4994
17	23,01,2014	11:11:29	1562990	PH-3	R	102,4	2269	2052	108,3359
17	23,01,2014	11:36:15	1563002	PH-3	R	59,7	2269	2592	63,14676
17	23,01,2014	12:25:22	1563021	PH-3	R	96,1	1575	1496	146,4381
17	23,01,2014	12:41:13	1563027	PH-3	R	97,8	2274	2759	103,2417
17	23,01,2014	14:47:04	1563390	PH-3	R	98,6	2078	2163	113,9061
17	23,01,2014	15:25:43	1563404	PH-3	R	99,9	2281	1842	105,1348
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17	23,01,2014	16:33:35	1563439	PH-3	R	95,5	2291	2276	100,0436
17	23,01,2014	17:00:04	1563451	PH-3	R	90,0	2276	1913	94,90334
17	23,01,2014	18:34:14	1563494	PH-3	R	104,7	2136	1918	117,6404
17	23,01,2014	19:38:50	1563531	PH-3	R	107,7	1611	2004	160,4469
17	23,01,2014	20:00:33	1563544	PH-3	R	103,9	2288	1988	109,0098
17	23,01,2014	20:54:30	1563572	PH-3	R	99,1	2267	1996	104,9371
17	23,01,2014	22:33:45	1563915	PH-3	R	101,7	2304	2210	105,9605
17	23,01,2014	22:53:39	1563928	PH-3	R	109,1	2306	2329	113,5473
17	23,01,2014	23:20:52	1563942	PH-3	R	102,8	2311	2054	106,759
17	24,01,2014	00:06:11	1563965	PH-3	R	100,0	2299	1975	104,3932
17	24,01,2014	00:38:48	1563983	PH-3	R	109,1	2290	1970	114,3656
17	24,01,2014	01:11:55	1563997	PH-3	R	99,5	2305	1981	103,6233
17	24,01,2014	02:37:24	1564042	PH-3	R	99,6	2348	1920	101,8275
17	24,01,2014	03:06:26	1564057	PH-3	R	100,8	2277	2339	106,2451
17	24,01,2014	03:57:26	1564093	PH-3	R	104,7	2331	1885	107,7992
17	24,01,2014	04:22:10	1564109	PH-3	R	102,6	2301	1863	107,0143

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17	24,01,2014	07:14:06	1564432	PH-3	R	102,8	2300	2157	107,2836
17	24,01,2014	08:08:23	1564470	PH-3	R	103,9	2116	2324	117,845
17	24,01,2014	08:36:48	1564495	PH-3	R	102,1	2284	1718	107,309
17	24,01,2014	09:14:44	1564508	PH-3	R	101,2	2239	1739	108,5012
17	24,01,2014	09:56:03	1564520	PH-3	R	99,2	2296	1775	103,716
17	24,01,2014	14:56:02	1564615	PH-3	R	101,7	2200	1862	110,9455
17	24,01,2014	15:09:33	1564621	PH-3	R	99,7	2252	1683	106,2758
17	24,01,2014	15:38:37	1564640	PH-3	R	102,7	2244	2325	109,8641
17	24,01,2014	16:08:58	1564652	PH-3	R	101,4	2227	1955	109,3016
17	24,01,2014	16:33:22	1564671	PH-3	R	101,2	2230	2216	108,9392
17	24,01,2014	17:01:33	1564687	PH-3	R	101,6	2225	2013	109,591
17	24,01,2014	18:32:35	1564726	PH-3	R	96,5	2032	1774	113,9764
17	24,01,2014	19:07:23	1564744	PH-3	R	90,0	2219	2062	97,36308
17	24,01,2014	19:33:26	1564763	PH-3	R	100,8	2231	2326	108,4357
17	24,01,2014	20:00:49	1564777	PH-3	R	97,9	2241	2297	104,8461
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17	24,01,2014	22:51:28	1564869	PH-3	R	98,3	2327	2222	101,3838
17	24,01,2014	23:12:19	1565165	PH-3	R	95,6	2315	1804	99,09731
17	25,01,2014	00:03:30	1565190	PH-3	R	97,5	2283	2387	102,5192
17	25,01,2014	03:14:06	1565266	PH-3	R	102,5	2345	2230	104,9041
17	25,01,2014	03:47:02	1565284	PH-3	R	109,2	2322	1865	112,8585
17	25,01,2014	04:16:38	1565297	PH-3	R	101,2	2297	1886	105,7609
17	25,01,2014	05:00:05	1565324	PH-3	R	101,2	2205	1905	110,1671
17	25,01,2014	06:49:54	1565390	PH-3	R	94,5	2218	1826	102,2727
17	25,01,2014	08:11:44	1565656	PH-3	R	98,6	2169	2270	109,1161
17	25,01,2014	08:37:56	1565673	PH-3	R	103,0	2206	1936	112,0555

17	25,01,2014	09:06:41	1565689	PH-3	R	101,7	2222	1931	109,8643
17	25,01,2014	11:44:39	1565755	PH-3	R	98,5	2286	2207	103,4121
17	25,01,2014	12:13:46	1565769	PH-3	R	93,9	2226	2112	101,224
17	25,01,2014	13:09:23	1565795	PH-3	R	100,0	2267	1524	105,8901
17	25,01,2014	14:48:51	1565897	PH-3	R	100,0	2076	2286	115,6209
17	25,01,2014	15:07:06	1565917	PH-3	R	98,7	2214	1618	106,9846
17	25,01,2014	15:58:00	1565946	PH-3	R	100,0	2289	1737	104,8539
17	25,01,2014	16:08:14	1565951	PH-3	R	102,3	2214	1989	110,8718
17	25,01,2014	16:43:41	1565969	PH-3	R	105,9	2235	2016	113,7334
17	25,01,2014	17:16:54	1565989	PH-3	R	105,0	2255	1763	111,7641
17	25,01,2014	18:20:51	1566012	PH-3	R	99,1	2224	1895	106,9256
17	25,01,2014	18:54:18	1566030	PH-3	R	98,0	2165	2226	108,6475
17	25,01,2014	19:24:02	1566044	PH-3	R	94,2	2214	2209	102,1346
17	25,01,2014	19:55:13	1566307	PH-3	R	96,9	2231	1793	104,2613
17	25,01,2014	20:33:53	1566325	PH-3	R	95,7	2249	1781	102,1413
17	25,01,2014	21:04:54	1566337	PH-3	R	94,7	2252	1881	100,9057
17	25,01,2014	22:37:24	1566398	PH-3	R	97,0	2155	2259	108,0278
17	25,01,2014	23:00:12	1566405	PH-3	R	90,0	2296	2284	94,07256
17	25,01,2014	23:30:11	1566422	PH-3	R	100,3	2282	1977	105,5095
17	26,01,2014	01:15:23	1566472	PH-3	R	95,8	2291	1897	100,3426
17	26,01,2014	01:38:28	1566486	PH-3	R	99,3	2291	2393	104,0426
17	26,01,2014	02:28:23	1566508	PH-3	R	99,2	2284	2024	104,2564
17	26,01,2014	02:44:19	1566516	PH-3	R	102,4	2280	2140	107,8084
17	26,01,2014	03:24:19	1566537	PH-3	R	95,7	2249	2389	102,1163
17	26,01,2014	03:52:46	1566552	PH-3	R	100,3	2254	2093	106,8087
17	26,01,2014	04:23:42	1566569	PH-3	R	90,0	2264	2086	95,40425
17	26,01,2014	04:52:23	1566585	PH-3	R	98,8	2262	2098	104,8461
17	26,01,2014	08:48:53	1566881	PH-3	R	97,0	2269	2274	102,6025
17	26,01,2014	09:29:18	1566901	PH-3	R	95,3	2250	2283	101,6624

17	29,01,2014	19:19:17	1570418	PH-3	R	97,3	2340	2187	99,79487
17	29,01,2014	19:43:36	1570434	PH-3	R	94,1	2311	1837	97,72393
17	29,01,2014	20:14:23	1570449	PH-3	R	98,9	2313	2156	102,6422

Табела 2. Изворните податоци за превезената јаловина со дампер бр. 17 од багер CAT-7

Tabel 2 Source data for tailings transported by truck no. 17 of the CAT-7 excavator

Рудник Бучим									
дампер број	дата	време	број на циклус	товарн место	товар руда /јал.	превезен маса (t/циклус)	време на циклус (s/циклус)	пат/циклус (m/циклус)	Експлоатационен капацитет t/h
17	02,01,2014	06:56:43	1540613	CAT-7	J	96,6	1627	1921	142,4954
17	02,01,2014	07:01:35	1540627	CAT-7	J	90,0	1611	2074	134,0782
17	02,01,2014	07:22:21	1540637	CAT-7	J	95,8	1577	1626	145,7958
17	02,01,2014	07:40:08	1540644	CAT-7	J	90,0	1579	1905	136,7954
17	02,01,2014	07:59:17	1540651	CAT-7	J	94,7	1607	2125	141,4312
17	02,01,2014	09:07:54	1540674	CAT-7	J	90,7	893	2133	243,7626
17	05,01,2014	22:58:51	1544371	CAT-7	J	93,8	1793	1936	125,5549
17	05,01,2014	23:17:04	1544378	CAT-7	J	92,5	1794	1987	123,7458
17	05,01,2014	23:36:10	1544389	CAT-7	J	97,0	1774	1674	131,2289
17	05,01,2014	23:52:21	1544399	CAT-7	J	92,1	1792	1885	123,3482
17	06,01,2014	00:09:54	1544411	CAT-7	J	94,9	1794	1947	126,9565
17	06,01,2014	00:25:31	1544420	CAT-7	J	92,8	1794	1917	124,1472
17	06,01,2014	00:42:03	1544427	CAT-7	J	91,5	1804	2082	121,7295
17	06,01,2014	00:59:57	1544437	CAT-7	J	94,0	1801	1821	125,2637
17	06,01,2014	01:18:49	1544449	CAT-7	J	89,3	1807	2009	118,6054
17	06,01,2014	01:36:57	1544458	CAT-7	J	91,7	1820	2112	120,9231
17	06,01,2014	02:37:22	1544502	CAT-7	J	90,0	1785	1754	121,0084

17	06,01,2014	02:46:39	1544505	CAT-7	J	94,0	1804	1852	125,0554
17	06,01,2014	03:04:14	1544512	CAT-7	J	96,6	1804	2137	128,5144
17	06,01,2014	03:21:23	1544523	CAT-7	J	91,4	1803	2202	121,6639
17	06,01,2014	03:41:17	1544530	CAT-7	J	94,6	1796	1856	126,4143
17	06,01,2014	04:02:00	1544540	CAT-7	J	94,4	1804	2211	125,5876
17	06,01,2014	04:25:47	1544550	CAT-7	J	93,4	1795	1943	124,8802
17	06,01,2014	04:42:45	1544555	CAT-7	J	94,2	1809	1744	124,9751
17	06,01,2014	05:00:46	1544565	CAT-7	J	90,0	1826	1708	118,2913
17	06,01,2014	05:19:12	1544574	CAT-7	J	91,6	1838	1741	119,6083
17	06,01,2014	07:17:03	1544838	CAT-7	J	90,0	1798	2021	120,1335
17	06,01,2014	07:34:29	1544845	CAT-7	J	95,7	1811	2041	126,825
17	06,01,2014	08:25:20	1544866	CAT-7	J	94,0	1337	1821	168,736
17	06,01,2014	08:44:25	1544874	CAT-7	J	96,1	1813	2044	127,2146
17	06,01,2014	09:03:36	1544885	CAT-7	J	98,4	1831	2161	128,9787
17	06,01,2014	10:34:00	1544916	CAT-7	J	94,7	1438	2028	158,0529
17	06,01,2014	11:03:12	1544924	CAT-7	J	100,0	2742	1735	87,52735
17	06,01,2014	11:28:08	1544943	CAT-7	J	99,0	1245	2039	190,8434
17	06,01,2014	11:42:28	1544950	CAT-7	J	97,1	1798	2174	129,6107
17	06,01,2014	12:05:22	1544961	CAT-7	J	99,5	1813	2202	131,7154
17	06,01,2014	14:24:58	1545049	CAT-7	J	95,9	1421	2043	161,9704
17	06,01,2014	14:45:20	1545057	CAT-7	J	92,9	1825	2120	122,1699
17	06,01,2014	15:05:50	1545068	CAT-7	J	95,5	1839	1981	124,633
17	06,01,2014	16:08:27	1545102	CAT-7	J	91,1	1421	1812	153,8635
17	06,01,2014	16:23:50	1545109	CAT-7	J	91,4	1792	2108	122,4107
17	06,01,2014	16:45:08	1545120	CAT-7	J	99,4	1804	2005	132,2395
17	06,01,2014	17:07:12	1545224	CAT-7	J	92,0	1779	2144	124,1147
17	06,01,2014	18:25:29	1545356	CAT-7	J	97,9	2382	1446	98,6398
17	06,01,2014	18:41:58	1545362	CAT-7	J	93,3	1831	1992	122,2938
17	06,01,2014	19:00:44	1545372	CAT-7	J	96,4	1787	1897	129,4684

17	06,01,2014	19:20:48	1545382	CAT-7	J	94,2	1836	1896	123,1373
17	06,01,2014	20:02:27	1545431	CAT-7	J	97,9	1772	2378	132,5959
17	06,01,2014	20:02:10	1545446	CAT-7	J	96,9	1327	1636	175,2524
17	06,01,2014	20:19:49	1545457	CAT-7	J	98,1	1799	1844	130,8727
17	06,01,2014	20:40:22	1545468	CAT-7	J	96,0	1782	1836	129,2929
17	06,01,2014	20:57:51	1545476	CAT-7	J	97,8	1780	1743	131,8652
17	06,01,2014	22:13:21	1545507	CAT-7	J	96,9	1824	1846	127,5
17	06,01,2014	22:42:09	1545511	CAT-7	J	99,1	1816	2002	130,9692
17	06,01,2014	23:01:49	1545521	CAT-7	J	93,3	1805	1939	124,0554
17	06,01,2014	23:20:13	1545529	CAT-7	J	94,2	1778	1829	127,1541
17	06,01,2014	23:39:00	1545539	CAT-7	J	98,0	1794	1966	131,1037
17	06,01,2014	23:57:24	1545547	CAT-7	J	98,8	1794	2265	132,1739
17	07,01,2014	00:24:27	1545561	CAT-7	J	97,6	1808	1968	129,5575
17	07,01,2014	00:43:31	1545569	CAT-7	J	93,7	1749	1775	128,5763
17	07,01,2014	01:02:13	1545580	CAT-7	J	90,0	1779	1903	121,4165
17	07,01,2014	01:22:19	1545590	CAT-7	J	99,8	1824	2246	131,3158
17	07,01,2014	01:40:40	1545598	CAT-7	J	96,7	1781	1973	130,3088
17	07,01,2014	02:39:44	1545622	CAT-7	J	98,9	956	1660	248,2845
17	07,01,2014	02:58:54	1545632	CAT-7	J	97,7	1810	1971	129,547
17	07,01,2014	03:17:32	1545640	CAT-7	J	94,7	1822	1953	124,742
17	07,01,2014	03:37:55	1545649	CAT-7	J	95,6	1797	1674	127,6795
17	07,01,2014	03:52:25	1545656	CAT-7	J	94,7	1813	2357	125,3613
17	07,01,2014	04:17:33	1545665	CAT-7	J	93,9	1751	1715	128,7036
17	07,01,2014	04:35:13	1545673	CAT-7	J	97,2	1787	1682	130,5428
17	07,01,2014	04:52:01	1545683	CAT-7	J	95,6	1782	1832	128,7542
17	07,01,2014	05:10:21	1545691	CAT-7	J	96,0	1791	2069	128,6432
17	07,01,2014	06:39:42	1545811	CAT-7	J	94,2	1774	1947	127,4408
17	07,01,2014	06:54:16	1545818	CAT-7	J	94,1	1771	2127	127,5212
17	07,01,2014	08:11:40	1545851	CAT-7	J	96,9	1756	1867	132,4374

17	07,01,2014	08:31:07	1545865	CAT-7	J	101,2	1782	1773	136,2963
17	07,01,2014	08:51:31	1545872	CAT-7	J	100,7	1816	2064	133,0837
17	07,01,2014	09:17:07	1545883	CAT-7	J	99,6	1831	2048	130,5516
17	07,01,2014	10:43:20	1545906	CAT-7	J	95,5	1787	1625	128,2597
17	07,01,2014	11:00:18	1545910	CAT-7	J	90,0	1737	2089	124,3523
17	07,01,2014	11:21:00	1545919	CAT-7	J	96,5	1739	1665	133,18
17	07,01,2014	11:38:35	1545929	CAT-7	J	101,4	1719	1955	141,5707
17	07,01,2014	11:56:59	1545938	CAT-7	J	101,8	1775	2144	137,6451
17	07,01,2014	12:19:04	1545946	CAT-7	J	97,8	1781	1861	131,7911
17	07,01,2014	12:40:00	1545952	CAT-7	J	98,1	1762	1719	133,6209
17	07,01,2014	12:59:22	1545958	CAT-7	J	93,5	1755	1740	127,8632
17	07,01,2014	13:17:22	1545966	CAT-7	J	97,5	1777	1923	131,6826
17	07,01,2014	22:20:55	1546230	CAT-7	J	94,3	1778	1666	127,2891
17	07,01,2014	22:46:21	1546238	CAT-7	J	90,7	1773	1418	122,775
17	07,01,2014	22:57:08	1546241	CAT-7	J	90,7	1826	1778	119,2114
17	07,01,2014	23:14:44	1546248	CAT-7	J	95,5	1874	2022	122,3052
17	07,01,2014	23:34:01	1546255	CAT-7	J	91,4	1873	1981	117,1169
17	07,01,2014	23:52:26	1546264	CAT-7	J	96,8	1878	2071	123,7061
17	08,01,2014	00:12:17	1546271	CAT-7	J	96,5	1867	1908	124,0493
17	08,01,2014	00:29:35	1546278	CAT-7	J	95,3	1870	1961	122,3102
17	08,01,2014	00:48:09	1546285	CAT-7	J	97,7	1890	1692	124,0635
17	08,01,2014	01:04:47	1546290	CAT-7	J	98,6	1883	2257	125,6718
17	08,01,2014	01:25:52	1546300	CAT-7	J	89,9	1845	2188	116,9431
17	08,01,2014	02:31:12	1546315	CAT-7	J	92,7	1966	2135	113,1638
17	08,01,2014	02:49:48	1546325	CAT-7	J	95,2	1543	1764	148,0752
17	08,01,2014	03:10:46	1546334	CAT-7	J	94,8	1886	2142	120,6363
17	08,01,2014	03:30:32	1546343	CAT-7	J	95,8	1880	1648	122,2979
17	08,01,2014	03:46:59	1546349	CAT-7	J	95,7	1886	2008	121,7815
17	08,01,2014	04:05:53	1546355	CAT-7	J	90,5	1585	1879	137,0347

17	08,01,2014	04:20:25	1546363	CAT-7	J	97,2	1303	1749	179,033
17	08,01,2014	04:34:54	1546370	CAT-7	J	92,3	1331	1799	166,4313
17	08,01,2014	04:50:13	1546376	CAT-7	J	94,1	1330	1857	169,8045
17	08,01,2014	05:09:02	1546399	CAT-7	J	97,0	1345	1903	173,0855
17	08,01,2014	09:15:34	1546545	CAT-7	J	99,7	1605	1387	149,0841
17	08,01,2014	09:22:35	1546550	CAT-7	J	93,9	1771	2322	127,2501
17	08,01,2014	10:18:43	1546566	CAT-7	J	88,6	1886	2216	112,7466
17	08,01,2014	10:43:45	1546573	CAT-7	J	93,3	1799	2022	124,4691
17	08,01,2014	11:05:09	1546581	CAT-7	J	92,7	1808	1999	123,0531
17	08,01,2014	11:35:04	1546591	CAT-7	J	93,9	1792	1932	125,7589
17	08,01,2014	11:55:21	1546600	CAT-7	J	94,0	1535	1909	146,9707
17	08,01,2014	12:12:46	1546607	CAT-7	J	96,1	1842	1791	125,2117
17	08,01,2014	12:31:38	1546618	CAT-7	J	95,3	1836	2015	124,5752
17	08,01,2014	12:52:19	1546628	CAT-7	J	98,7	1834	1987	129,1603
17	08,01,2014	13:15:26	1546634	CAT-7	J	93,7	1834	2221	122,6172
17	09,01,2014	14:30:57	1547700	CAT-7	J	90,5	1850	1987	117,4054
17	09,01,2014	14:36:05	1547714	CAT-7	J	89,8	1850	2044	116,4973
17	09,01,2014	14:56:37	1547726	CAT-7	J	92,5	1850	1681	120
17	09,01,2014	15:12:38	1547736	CAT-7	J	86,9	1924	1743	108,3992
17	09,01,2014	15:31:48	1547746	CAT-7	J	94,4	1910	2353	118,6178
17	09,01,2014	15:57:35	1547756	CAT-7	J	92,3	1884	1913	117,5796
17	09,01,2014	16:14:55	1547763	CAT-7	J	87,9	1879	2020	112,2725
17	09,01,2014	16:43:01	1547776	CAT-7	J	90,6	1870	1715	116,2781
17	09,01,2014	17:01:13	1547784	CAT-7	J	89,7	1867	1914	115,308
17	09,01,2014	17:18:57	1547791	CAT-7	J	89,5	1859	2336	115,546
17	10,01,2014	15:23:05	1548804	CAT-7	J	92,9	1849	1375	120,5841
17	10,01,2014	15:41:02	1548810	CAT-7	J	97,9	1773	1727	132,5212
17	10,01,2014	15:59:45	1548819	CAT-7	J	97,5	1769	2159	132,2781
17	10,01,2014	16:21:14	1548827	CAT-7	J	97,1	1727	1910	134,9392

17	10,01,2014	16:38:24	1548833	CAT-7	J	94,2	1729	1660	130,7577
17	10,01,2014	16:55:34	1548841	CAT-7	J	93,4	1732	1934	129,4226
17	10,01,2014	17:29:11	1548860	CAT-7	J	93,7	1737	1734	129,4646
17	10,01,2014	18:34:14	1548888	CAT-7	J	88,3	1738	1201	121,9333
17	10,01,2014	18:45:00	1548891	CAT-7	J	89,5	1658	2267	129,5537
17	10,01,2014	19:05:31	1548901	CAT-7	J	91,7	1715	1733	128,3265
17	10,01,2014	19:38:06	1548946	CAT-7	J	87,6	1733	2210	121,3156
17	10,01,2014	19:50:20	1548961	CAT-7	J	95,9	1830	1939	125,7705
17	10,01,2014	20:06:54	1548969	CAT-7	J	95,4	1826	1749	125,3888
17	10,01,2014	20:25:39	1548975	CAT-7	J	89,9	1769	2030	121,9672
17	10,01,2014	20:44:46	1548982	CAT-7	J	93,4	1750	2057	128,0914
17	10,01,2014	21:05:27	1548989	CAT-7	J	90,5	1733	2210	125,3318
17	20,01,2014	11:38:59	1559791	CAT-7	J	99,3	122	976	1953,443
17	20,01,2014	11:47:50	1559801	CAT-7	J	94,5	147	949	1542,857
17	20,01,2014	11:57:48	1559807	CAT-7	J	96,0	145	958	1588,966
17	20,01,2014	12:08:52	1559812	CAT-7	J	92,3	141	948	1571,064
17	20,01,2014	12:17:08	1559816	CAT-7	J	94,8	149	1038	1526,98
17	20,01,2014	12:27:09	1559820	CAT-7	J	96,9	125	941	1860,48
17	20,01,2014	12:35:37	1559824	CAT-7	J	91,1	153	1082	1429,02
17	20,01,2014	12:46:51	1559828	CAT-7	J	90,6	141	1021	1542,128
17	20,01,2014	13:01:30	1559833	CAT-7	J	95,1	143	967	1596,084
17	20,01,2014	18:34:30	1559949	CAT-7	J	87,1	650	1658	321,6
17	20,01,2014	18:47:30	1559955	CAT-7	J	87,2	142	1632	1473,803
17	20,01,2014	19:04:01	1559958	CAT-7	J	92,5	154	1227	1441,558
17	20,01,2014	19:13:19	1559964	CAT-7	J	89,7	158	1159	1362,532
17	20,01,2014	19:22:07	1559968	CAT-7	J	92,6	152	1161	1462,105
17	20,01,2014	19:31:45	1559975	CAT-7	J	93,1	159	924	1405,283
17	20,01,2014	19:39:31	1559983	CAT-7	J	94,4	158	935	1433,924
17	20,01,2014	19:46:56	1559986	CAT-7	J	91,2	151	873	1449,536

17	20,01,2014	19:56:47	1559988	CAT-7	J	88,1	157	912	1346,752
17	20,01,2014	20:04:29	1559990	CAT-7	J	89,3	165	888	1298,909
17	20,01,2014	20:11:59	1559993	CAT-7	J	91,5	156	1003	1407,692
17	20,01,2014	20:20:51	1559997	CAT-7	J	90,6	153	1173	1421,176
17	20,01,2014	20:40:17	1560010	CAT-7	J	91,3	161	901	1360,994
17	20,01,2014	20:47:43	1560012	CAT-7	J	92,5	166	864	1337,349
17	20,01,2014	20:54:20	1560019	CAT-7	J	88,1	162	890	1305,185
17	20,01,2014	20:59:58	1560023	CAT-7	J	90,1	177	955	1221,695
17	20,01,2014	21:08:51	1560028	CAT-7	J	90,3	167	921	1297,725
17	20,01,2014	21:16:17	1560034	CAT-7	J	88,8	151	903	1411,391
17	20,01,2014	21:24:49	1560288	CAT-7	J	92,7	167	800	1332,216
17	28,01,2014	06:18:07	1568659	CAT-7	J	90,7	253	1435	860,3953
17	28,01,2014	06:52:22	1568667	CAT-7	J	93,3	497	1131	450,5433
17	28,01,2014	07:11:02	1568676	CAT-7	J	94,1	493	1153	458,0933
17	28,01,2014	07:27:45	1568845	CAT-7	J	99,5	507	1119	471,0059
17	28,01,2014	07:40:50	1568847	CAT-7	J	98,7	491	1129	482,444
17	28,01,2014	07:50:40	1568849	CAT-7	J	94,8	511	1284	445,2446
17	28,01,2014	12:27:16	1568965	CAT-7	J	90,0	546	1106	395,6044
17	28,01,2014	12:36:31	1568968	CAT-7	J	98,6	528	1390	448,1818
17	28,01,2014	12:46:00	1568974	CAT-7	J	97,7	500	923	468,96
17	30,01,2014	16:09:10	1571393	CAT-7	J	96,2	559	883	413,0233
17	30,01,2014	16:29:24	1571401	CAT-7	J	94,9	387	980	588,5271
17	30,01,2014	16:36:22	1571404	CAT-7	J	97,3	391	1001	597,2379
17	30,01,2014	16:43:39	1571407	CAT-7	J	90,0	393	1021	549,6183
17	30,01,2014	16:59:15	1571415	CAT-7	J	97,8	394	1331	595,736
17	30,01,2014	17:07:14	1571418	CAT-7	J	95,3	394	1335	580,5076
17	30,01,2014	17:15:32	1571423	CAT-7	J	95,3	398	1019	574,6734
17	30,01,2014	17:23:12	1571426	CAT-7	J	92,1	398	1015	555,3769
17	30,01,2014	17:30:50	1571428	CAT-7	J	97,4	402	1338	581,4925

17	30,01,2014	18:18:53	1571437	CAT-7	J	91,6	610	1149	360,3934
17	30,01,2014	18:33:18	1571440	CAT-7	J	61,3	405	1320	363,2593
17	30,01,2014	18:41:20	1571453	CAT-7	J	94,3	404	1050	560,198
17	30,01,2014	18:59:45	1571461	CAT-7	J	97,6	415	1101	564,4337
17	30,01,2014	19:03:57	1571463	CAT-7	J	96,1	396	1107	582,4242
17	30,01,2014	19:11:36	1571468	CAT-7	J	98,4	402	860	587,4627
17	30,01,2014	19:19:36	1571469	CAT-7	J	96,7	400	982	580,2
17	30,01,2014	19:34:54	1571475	CAT-7	J	94,2	390	1002	579,6923
17	30,01,2014	20:10:32	1571496	CAT-7	J	97,3	236	1049	989,4915
17	30,01,2014	20:19:58	1571500	CAT-7	J	95,6	417	1255	550,2158
17	30,01,2014	20:29:29	1571504	CAT-7	J	97,4	420	1447	556,5714
17	30,01,2014	20:39:46	1571511	CAT-7	J	61,5	433	936	340,8776
17	30,01,2014	20:48:54	1571515	CAT-7	J	94,3	407	811	556,0688
17	30,01,2014	20:55:40	1571520	CAT-7	J	96,0	416	1022	553,8462
17	30,01,2014	21:04:17	1571757	CAT-7	J	95,1	415	971	549,9759
17	30,01,2014	21:11:35	1571761	CAT-7	J	97,4	421	1020	555,2494
17	30,01,2014	21:20:22	1571767	CAT-7	J	92,5	846	1491	262,4113
17	31,01,2014	12:20:42	1572401	CAT-7	J	96,3	386	774	598,7565
17	31,01,2014	12:27:39	1572405	CAT-7	J	97,5	612	1351	382,3529
17	31,01,2014	12:43:55	1572408	CAT-7	J	98,2	423	1063	557,1631
17	31,01,2014	12:52:21	1572413	CAT-7	J	92,7	354	1080	628,4746
17	31,01,2014	13:00:33	1572416	CAT-7	J	94,7	405	1040	561,1852
17	31,01,2014	13:08:38	1572419	CAT-7	J	95,3	413	1096	553,8015
17	31,01,2014	13:17:14	1572423	CAT-7	J	98,9	408	1172	581,7647
17	06,03,2014	13:15:42	1613383	CAT-7	J	91,4	1255	1295	174,7888
17	06,03,2014	22:38:42	1613929	CAT-7	J	88,9	670	984	318,4478
17	06,03,2014	22:47:49	1613933	CAT-7	J	89,8	674	1172	319,7626
17	06,03,2014	22:57:51	1613938	CAT-7	J	91,2	664	1176	329,6386
17	06,03,2014	23:08:10	1613945	CAT-7	J	90,1	669	1280	323,2287

17	06,03,2014	23:29:48	1613951	CAT-7	J	89,8	645	948	334,1395
17	23,03,2014	07:48:16	1630755	CAT-7	J	94,9	260	944	876
17	23,03,2014	08:00:38	1630764	CAT-7	J	92,5	255	1185	870,5882
17	23,03,2014	11:57:18	1631059	CAT-7	J	92,8	1189	1469	187,3171
17	23,03,2014	13:13:33	1631098	CAT-7	J	93,2	309	1455	723,8835

Табела 3. Изворните податоци за превезената руда со дампер бр. 19 од багер PH-3
Table 3. A number of source data for ore transported by truck no. 19 of the PH-3 excavator

Рудник Бучим									
дампер број	дата	време	број на циклус	товарно место	товар руда/јал.	превезена маса (t/циклус)	време на циклус (s/циклус)	пат/циклус (m/циклус)	Експлоатационен капацитет t/h
19	11,01,2014	15:41:16	1549818	O&K-4	R	109,1	2361	1965	110,9022
19	11,01,2014	16:32:46	1549843	O&K-4	R	104,6	2416	2081	103,9073
19	11,01,2014	16:58:04	1549853	O&K-4	R	102,0	2366	2224	103,4658
19	11,01,2014	17:26:21	1549866	O&K-4	R	104,5	2366	2216	106,0017
19	11,01,2014	18:56:06	1549899	O&K-4	R	107,8	2385	2230	108,478
19	11,01,2014	19:15:53	1549909	O&K-4	R	108,1	2361	2535	109,8856
19	11,01,2014	19:47:41	1549921	O&K-4	R	107,2	2369	2352	108,6028
19	11,01,2014	20:19:29	1549933	O&K-4	R	104,8	2360	2623	106,5763
19	11,01,2014	20:52:35	1549945	O&K-4	R	105,2	2372	2189	106,4418
19	11,01,2014	22:49:59	1550176	O&K-4	R	103,4	1257	1761	197,4224
19	11,01,2014	23:14:16	1550190	O&K-4	R	105,6	2373	1737	106,8015
19	11,01,2014	23:52:59	1550206	O&K-4	R	105,0	2340	2284	107,6923
19	12,01,2014	00:52:11	1550227	O&K-4	R	105,9	2427	2288	104,7219
19	12,01,2014	01:22:03	1550234	O&K-4	R	109,8	2371	2366	111,143
19	12,01,2014	03:32:39	1550292	O&K-4	R	103,2	2330	1694	106,3004
19	12,01,2014	03:45:12	1550304	O&K-4	R	101,6	2351	2111	103,7176
19	12,01,2014	04:20:43	1550318	O&K-4	R	105,7	2484	1785	102,1256

19	12,01,2014	04:52:28	1550329	O&K-4	R	100,4	2369	1773	101,7138
19	12,01,2014	07:42:29	1550639	O&K-4	R	102,0	2394	1944	102,2556
19	12,01,2014	08:35:38	1550665	O&K-4	R	102,0	1367	1733	179,0783
19	12,01,2014	08:55:45	1550675	O&K-4	R	100,8	2353	1740	102,8134
19	12,01,2014	09:18:52	1550687	O&K-4	R	104,3	2348	1731	106,6099
19	12,01,2014	20:08:28	1550996	O&K-4	R	105,6	1227	2211	206,5526
19	13,01,2014	04:20:06	1551408	O&K-4	R	105,7	2340	1817	108,4103
19	13,01,2014	04:31:12	1551412	O&K-4	R	101,3	2382	2463	102,0655
19	13,01,2014	05:03:11	1551419	O&K-4	R	97,0	2392	2399	97,32441
19	13,01,2014	23:23:05	1552337	O&K-4	R	106,0	1303	1699	195,2417
19	13,01,2014	23:36:19	1552343	O&K-4	R	109,7	2380	1675	110,6218
19	14,01,2014	00:06:50	1552358	O&K-4	R	110,9	2375	1794	112,0674
19	14,01,2014	00:35:44	1552376	O&K-4	R	107,1	2378	1939	108,0908
19	20,01,2014	06:55:37	1559422	O&K-4	R	104,9	2274	1661	110,7124
19	01,02,2014	11:08:47	1573562	O&K-4	R	100,0	2298	1432	104,4386
19	01,02,2014	11:28:19	1573573	O&K-4	R	101,8	2276	1700	107,3462
19	01,02,2014	12:09:56	1573602	O&K-4	R	103,4	2301	2028	107,8488
19	01,02,2014	12:41:12	1573617	O&K-4	R	102,5	2277	2095	108,0369
19	01,02,2014	14:24:32	1573655	O&K-4	R	113,2	2133	1789	127,3699
19	01,02,2014	15:15:29	1573670	O&K-4	R	114,1	2274	1781	120,4222
19	01,02,2014	15:58:14	1573682	O&K-4	R	108,3	2291	2312	113,4526
19	01,02,2014	16:37:32	1573689	O&K-4	R	108,2	2278	2109	113,9947
19	01,02,2014	17:09:28	1573704	O&K-4	R	106,7	2299	2196	111,3876
19	01,02,2014	18:47:56	1573737	O&K-4	R	108,2	2120	1848	122,4906
19	01,02,2014	19:38:50	1573765	O&K-4	R	110,8	2291	1795	116,0716
19	01,02,2014	20:25:33	1573785	O&K-4	R	107,0	2293	2172	111,993
19	01,02,2014	21:01:49	1574033	O&K-4	R	110,7	2290	2325	116,0175
19	01,02,2014	22:28:52	1574050	O&K-4	R	104,8	2301	2191	109,309
19	01,02,2014	23:08:43	1574060	O&K-4	R	103,2	2293	1887	108,0157

19	02,02,2014	08:29:42	1574544	O&K-4	R	104,3	2338	1275	107,0659
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Табела 4. Изворните податоци за превезената јаловина со дампер бр. 19 од багер ОК-4

Tabel 4. Source data for tailings transported by truck no. 19 of the OK-4 excavator

Рудник Бучим									
дампер број	дата	време	број на циклус	товарно место	товар руда/јал.	превезена маса (t/циклус)	време на циклус (s/циклус)	пат/циклус (m/циклус)	Експлоатационен капацитет t/h
19	02,01,2014	23:10:38	1541057	O&K-4	J	100,5	336	1098	717,8571
19	02,01,2014	23:28:43	1541067	O&K-4	J	97,1	335	1670	695,6418
19	02,01,2014	23:45:34	1541072	O&K-4	J	101,4	335	897	726,4478
19	03,01,2014	00:09:45	1541085	O&K-4	J	102,5	349	1076	704,8711
19	03,01,2014	00:18:17	1541088	O&K-4	J	99,3	349	1070	682,8653
19	03,01,2014	00:56:30	1541102	O&K-4	J	104,2	357	1177	700,5042
19	03,01,2014	01:14:52	1541112	O&K-4	J	106,1	356	1053	715,2809
19	03,01,2014	02:23:58	1541135	O&K-4	J	102,3	372	1254	660
19	03,01,2014	02:44:25	1541142	O&K-4	J	102,9	379	1071	651,6095
19	03,01,2014	02:52:47	1541146	O&K-4	J	99,7	377	1049	634,695
19	03,01,2014	03:00:57	1541150	O&K-4	J	104,2	378	840	661,5873
19	03,01,2014	03:18:06	1541156	O&K-4	J	106,5	376	1097	679,7872
19	03,01,2014	03:35:19	1541163	O&K-4	J	99,7	377	1053	634,695
19	03,01,2014	03:44:28	1541167	O&K-4	J	99,8	375	1122	638,72
19	03,01,2014	03:53:45	1541171	O&K-4	J	101,8	372	1173	656,7742
19	03,01,2014	04:33:46	1541185	O&K-4	J	97,5	368	1160	635,8696
19	03,01,2014	04:52:07	1541193	O&K-4	J	99,4	368	1232	648,2609
19	03,01,2014	05:03:42	1541197	O&K-4	J	106,5	368	1476	694,5652
19	11,01,2014	16:02:55	1549829	O&K-4	J	100,2	1274	2126	188,7598
19	12,01,2014	00:26:40	1550221	O&K-4	J	95,0	1697	2176	134,3547
19	12,01,2014	07:36:01	1550636	O&K-4	J	100,6	1793	1402	134,657

19	13,01,2014	06:19:53	1551441	O&K-4	J	61,0	1818	1263	80,52805
19	13,01,2014	07:03:33	1551462	O&K-4	J	112,6	1293	1263	209,0023
19	13,01,2014	19:09:12	1551957	O&K-4	J	108,2	1496	1521	173,5829
19	13,01,2014	19:28:02	1552203	O&K-4	J	100,2	1174	1696	204,8382
19	13,01,2014	19:46:11	1552214	O&K-4	J	106,5	1194	2115	214,0704
19	13,01,2014	20:15:41	1552229	O&K-4	J	103,9	1187	1871	210,0758
19	13,01,2014	20:40:42	1552242	O&K-4	J	104,6	1171	2129	214,3809
19	13,01,2014	21:04:19	1552254	O&K-4	J	104,8	1199	1400	209,7748
19	27,01,2014	23:58:14	1568437	O&K-4	J	103,9	1092	1128	228,3516
19	28,01,2014	00:13:49	1568447	O&K-4	J	102,8	1066	2000	231,4447
19	28,01,2014	00:59:45	1568478	O&K-4	J	104,7	565	2045	444,7434
19	28,01,2014	01:25:01	1568494	O&K-4	J	93,9	1077	2383	209,2479
19	28,01,2014	02:35:25	1568526	O&K-4	J	106,5	1512	2152	169,0476
19	28,01,2014	03:32:58	1568572	O&K-4	J	99,7	1036	1193	230,9653
19	28,01,2014	04:25:17	1568603	O&K-4	J	94,8	1077	930	211,2535
19	28,01,2014	04:50:59	1568618	O&K-4	J	111,9	1069	2029	251,2254
19	29,01,2014	06:16:09	1569745	O&K-4	J	102,5	1460	1712	168,4932
19	30,01,2014	12:13:52	1571283	O&K-4	J	100,0	1016	2126	236,2205
19	30,01,2014	15:28:37	1571368	O&K-4	J	105,6	860	1597	294,6977
19	30,01,2014	15:32:55	1571372	O&K-4	J	102,0	910	2110	269,011

ПРИЛОЗИ II

Извештаи од системот SkyLinks имплементиран во рудникот Бучим

Слика 1. Графички месечен извештај за руда;

Слика 2. Графички месечен извештај за јаловина;

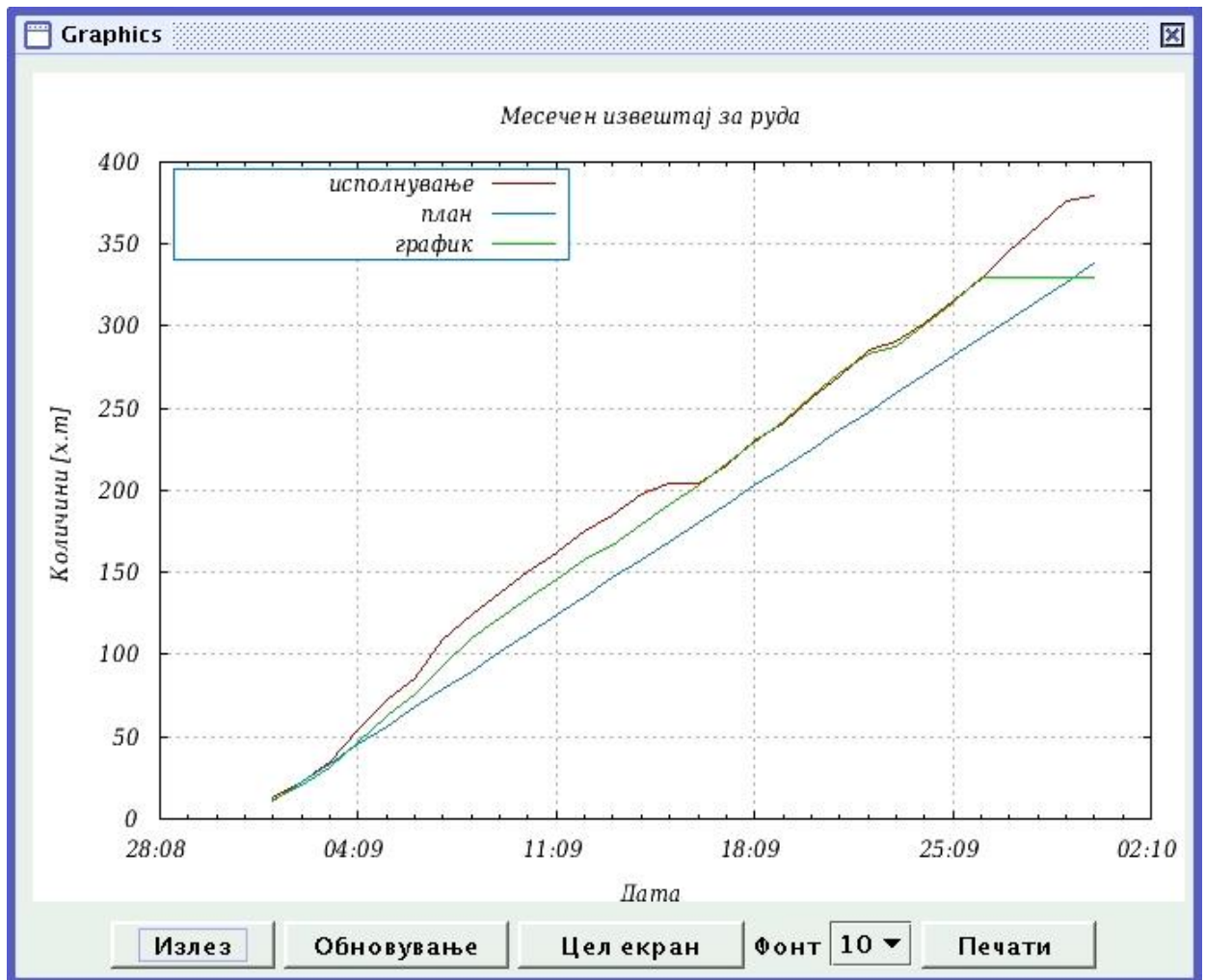
Слика 3. Табеларен месечен извештај за руда;

Слика 4. Табеларен месечен извештај за јаловина;

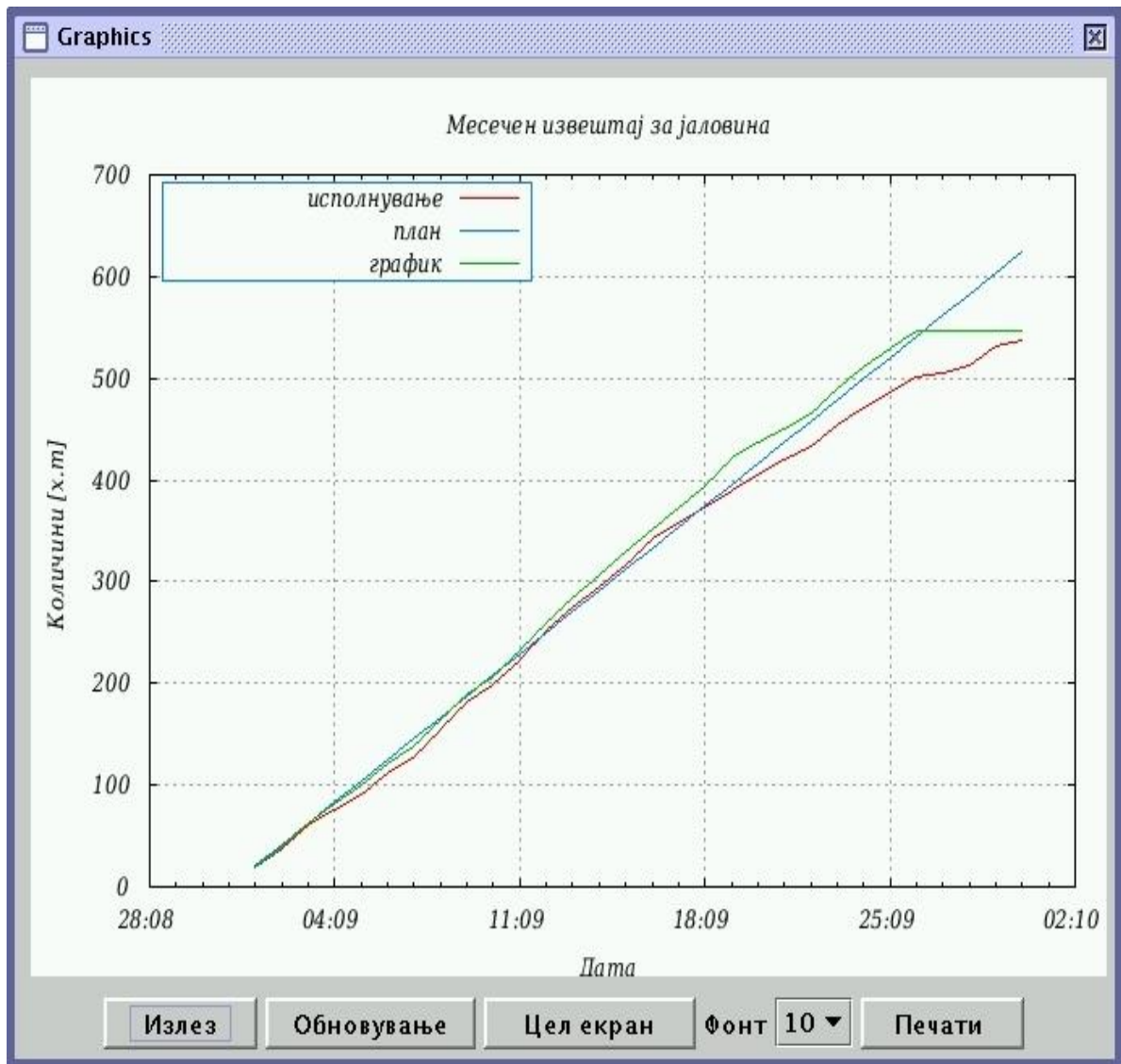
Слика 5. Извештај за позициите на дампер со времиња;

Слика 6. Приказ на главното мени на системот за диспечирање SkyLinks;

Слика 7. Позиционирање на дамперите во Рудникот Бучим.



Слика 1. Графички месечен извештај за руда
Figure 1. Graphical Monthly Report on ore



Слика 2. Графички месечен извештај за јаловина
Figure 2. Graphical Monthly Report on slag

Report

Бучим ДООЕЛ

Месечен извештај за руда

од 01.09.2010 смена 1
до 30.09.2010 смена 3

возен парк: сите
издаден: 10:22 04.10.2010 0.770 сек.
диспечер: Благој Чурлинов Примил:

ден	план за ден [т]	план до ден [т]	график за ден [т]	график до ден [т]	за ден [т]	до ден [т]	план за ден [%]	план до ден [%]	график за ден [%]	график до ден [%]	заб
1	11270	11270	12000	12000	13490	13490	119.7	119.7	112.4	112.4	+
2	11270	22540	9000	21000	9535	23025	84.6	102.2	105.9	109.6	+
3	11270	33810	10000	31000	11140	34165	98.8	101.0	111.4	110.2	+
4	11270	45080	15000	46000	19440	53605	172.5	118.9	129.6	116.5	+
5	11270	56350	17000	63000	18815	72420	166.9	128.5	110.7	115.0	+
6	11270	67620	13000	76000	13355	85775	118.5	126.8	102.7	112.9	+
7	11270	78890	17000	93000	23855	109630	211.7	139.0	140.3	117.9	+
8	11270	90160	17000	110000	14715	124345	130.6	137.9	86.6	113.0	+
9	11270	101430	12000	122000	12435	136780	110.3	134.9	103.6	112.1	+
10	11270	112700	12000	134000	13070	149850	116.0	133.0	108.9	111.8	+
11	11270	123970	12000	146000	12130	161980	107.6	130.7	101.1	110.9	+
12	11270	135240	12000	158000	12720	174700	112.9	129.2	106.0	110.6	+
13	11270	146510	9000	167000	9710	184410	86.2	125.9	107.9	110.4	+
14	11270	157780	12000	179000	12995	197405	115.3	125.1	108.3	110.3	+
15	11270	169050	12000	191000	6410	203815	56.9	120.6	53.4	106.7	+
16	11270	180320	12000	203000	425	204240	3.8	113.3	3.5	100.6	+
17	11270	191590	13000	216000	10560	214800	93.7	112.1	81.2	99.4	+
18	11270	202860	13000	229000	15015	229815	133.2	113.3	115.5	100.4	+
19	11270	214130	13000	242000	11155	240970	99.0	112.5	85.8	99.6	+
20	11270	225400	15000	257000	14925	255895	132.4	113.5	99.5	99.6	+
21	11270	236670	14000	271000	12940	268835	114.8	113.6	92.4	99.2	+
22	11270	247940	12000	283000	16560	285395	146.9	115.1	138.0	100.8	+
23	11270	259210	5000	288000	5780	291175	51.3	112.3	115.6	101.1	+
24	11270	270480	13000	301000	10565	301740	93.7	111.6	81.3	100.2	+
25	11270	281750	14000	315000	14025	315765	124.4	112.1	100.2	100.2	+
26	11270	293020	15000	330000	12680	328445	112.5	112.1	84.5	99.5	+
27	11270	304290	0	330000	17030	345475	151.1	113.5	0.0	104.7	+
28	11270	315560	0	330000	15125	360600	134.2	114.3	0.0	109.3	+
29	11270	326830	0	330000	15465	376065	137.2	115.1	0.0	114.0	+
30	11170	338000	0	330000	14530	390595	130.1	115.6	0.0	118.4	+

SkyLinks 2.3

Излез Обновување Фонт

Печати Печатач Фајл Цел екран

Слика 3. Табеларен месечен извештај за руда
Figure 3. Tabular monthly report on ore

Report											
Бучим ДООЕЛ											
Месечен извештај за јаловина											
од 01.09.2010 смена 1											
до 30.09.2010 смена 3											
возен парк: сите											
издаден: 10:23 04.10.2010 0.749 сек.											
диспечер: Благој Чурлинов Примил:											
ден	план за ден [Т]	план до ден [Т]	график за ден [Т]	график до ден [Т]	за ден [Т]	до ден [Т]	план за ден [%]	план до ден [%]	график за ден [%]	график до ден [%]	заб
1	20820	20820	19000	19000	18560	18560	89.1	89.1	97.7	97.7	-
2	20820	41640	20000	39000	19585	38145	94.1	91.6	97.9	97.8	-
3	20820	62460	24000	63000	21805	59950	104.7	96.0	90.9	95.2	-
4	20820	83280	19000	82000	16565	76515	79.6	91.9	87.2	93.3	-
5	20820	104100	19000	101000	14685	91200	70.5	87.6	77.3	90.3	-
6	20820	124920	21000	122000	20980	112180	100.8	89.8	99.9	92.0	-
7	20820	145740	16000	138000	15095	127275	72.5	87.3	94.3	92.2	-
8	20820	166560	26000	164000	27295	154570	131.1	92.8	105.0	94.2	-
9	20820	187380	26000	190000	26890	181460	129.2	96.8	103.4	95.5	-
10	20820	208200	17000	207000	17655	199115	84.8	95.6	103.9	96.2	-
11	20820	229020	26000	233000	23835	222950	114.5	97.3	91.7	95.7	-
12	20820	249840	27000	260000	28470	251420	136.7	100.6	105.4	96.7	+
13	20820	270660	24000	284000	22905	274325	110.0	101.4	95.4	96.6	+
14	20820	291480	23000	307000	20675	295000	99.3	101.2	89.9	96.1	+
15	20820	312300	22000	329000	21755	316755	104.5	101.4	98.9	96.3	+
16	20820	333120	22000	351000	26010	342765	124.9	102.9	118.2	97.7	+
17	20820	353940	21000	372000	14890	357655	71.5	101.0	70.9	96.1	+
18	20820	374760	22000	394000	14535	372190	69.8	99.3	66.1	94.5	-
19	20820	395580	27000	421000	18160	390350	87.2	98.7	67.3	92.7	-
20	20820	416400	16000	437000	14600	404950	70.1	97.3	91.2	92.7	-
21	20820	437220	13000	450000	15800	420750	75.9	96.2	121.5	93.5	-
22	20820	458040	16000	466000	12165	432915	58.4	94.5	76.0	92.9	-
23	20820	478860	24000	490000	20825	453740	100.0	94.8	86.8	92.6	-
24	20820	499680	20000	510000	17640	471380	84.7	94.3	88.2	92.4	-
25	20820	520500	20000	530000	14545	485925	69.9	93.4	72.7	91.7	-
26	20820	541320	16000	546000	16115	502040	77.4	92.7	100.7	91.9	-
27	20820	562140	0	546000	3980	506020	19.1	90.0	0.0	92.7	-
28	20820	582960	0	546000	7405	513425	35.6	88.1	0.0	94.0	-
29	20820	603780	0	546000	18770	532195	90.2	88.1	0.0	97.5	-
30	20920	624700	0	546000	26231	558426	125.4	89.4	0.0	102.3	-

SkyLinks 2.3

Слика 4. Табеларен месечен извештај за јаловина
Figure 4. Tabular Monthly Report on slag

ПРИЛОЗИ III

Електронски компоненти на системот SkyLinks

Слика 1. Антенски уред на возилата;

Слика 2. Бордов комплет;

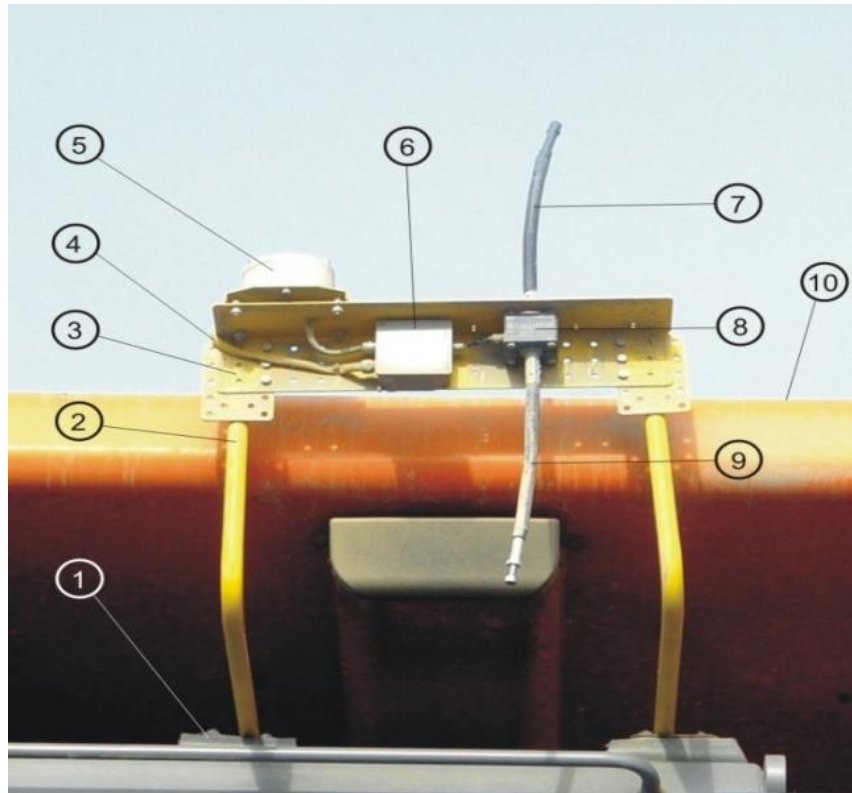
Слика 3. Панел за возачите;

Слика 4. Заштитен корпус на GPS уредот;

Слика 5. Антена за прием на GPS сигналот;

Слика 6. Сензор за мерење на горивото во резервоарот на возилата;

Слика 7. Сензор за мерење на тежината на товарот на дамперот.



Слика 1. Антенски уред
Figure 1. RF device

1. амортизирачки држач, 4 броја;
2. носечка цевка, 2 броја;
3. хоризонтална греда;
4. антенски кабел;
5. заштитна кутија на GPS приемникот;
6. распределителна кутија;
7. УКВ антена – горен дел;
8. УКВ антена – глава;
9. УКВ антена – долен дел;
10. горен раб.



Слика 2. Бордов комплет
Figure 2.Board set

1. бордов компјутер;
2. изваден панел за возачот;
3. микрофон;
4. копче за известување;
5. кабел за надворешниот панел;
6. спојка на антената;
7. кабел на антена;
8. контактен спојник ;
9. кабелска врска;
10. заштитник.



Слика 3. Панел за возачите
Figure 3. Panel for drivers

1. панел;
2. дисплеј за соопштенија;
3. кабел на микрофонот;
4. спојка на микрофонот;
5. звучник;
6. индикатор вклучено/исклучено;
7. копче за вклучување;
8. микрофон;
9. кутија на БМК;
10. мулти функционално копче;
11. копче за мени за подесување;
12. копче за врска со диспечерот;
13. копче за потврдување;
14. LED диоди за потсетување;
15. копче за исклучување на напојувањето;
16. копче за вклучување на напојувањето;
17. звучник.



Слика 4. Заштитна кутија на GPS уредот
Figure 4. Conservation Corps of GPS device



Слика 5. Антена за прием на GPS сигналот
Figure 5. Antenna for GPS reception



Слика 6. Сензор за мерење на горивото во резервоарот на возилата
Figure 6. Sensor for fuel tank of the vehicle



Слика 7. Сензор за мерење на тежината на товарот на дамперот
Figure 7. Sensor for measuring the weight of the cargo truck