31 August 2018

HIGH-GRADE GOLD RESULTS UNDERPIN POTENTIAL AT PICKLE LAKE

HIGHLIGHTS:

- Ardiden has received assay results from the remaining 11 drill holes, as part of the recent due-diligence drill program at the Pickle Lake Gold Project, in Ontario Canada. The receipt of these assay results completes the key initial objectives for Pickle Lake
- The latest set of assay results continue to demonstrate the potential of Pickle Lake, which includes the following highlights:
 - KAS 18-05: 26.10m @ 1.06g/t Au from 77.3m
 - O KAS 18-06: 29.20m @ 1.26g/t Au from 85.0m
 - O KAS 18-08: 15.40m @ 3.21g/t Au from 65.6m
 - o KAS 18-10: 26.20m @ 3.19g/t Au from 89.3m
- The Pickle Lake mineralised zone remains open along strike and at depth
- The Company is now focused on continuing to develop and advance its flagship Seymour Lake Lithium Project, where assay results from North Aubry are expected shortly

Minerals explorer Ardiden Limited (ASX: ADV) is pleased to announce assay results from the remaining 11 drill holes of its recent due-diligence drilling program at the Kasagiminnis Gold Property located within the Pickle Lake Gold Properties ("Pickle Lake") in the established mining jurisdiction of Ontario, Canada.

The drilling program undertaken by Ardiden sought to verify historic drilling and sample results, to enable to Company to have better visibility of the Project's gold mineralisation and to confirm the potential of Pickle Lake.

Commenting on the latest round of assay results from Pickle Lake, Ardiden Managing Director Brad Boyle stated "The latest results obtained from the Kasagiminnis Lake Property continue to highlight Pickle Lake as a very encouraging exploration prospect. There appears to be a consistency of gold mineralisation within the gold zone, and the results reinforce the potential of the Kasagiminnis Gold Zone, to host a significant gold resource, with mineralisation open in all directions.

"Pickle Lake was acquired by Ardiden as it offered a low-risk, low-cost exploration opportunity, which diversifies the Company's current project portfolio. The Company will continue to develop Pickle Lake and work off the extremely positive results received thus far. However, the Company's primary focus remains on Seymour Lake and advancing our flagship project across all areas."

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THE KASAGIMINNIS DUE-DILIGENCE DRILLING PROGRAM

Assay results from the remaining 11 drill holes (KAS-18-05 to KAS 18-15), have now been received and reviewed by Ardiden. The results from the due-diligence drilling program, which includes the latest assay results and the results previously announced to the ASX (31 July 2018: "Ardiden Exercises Option to Acquire Pickle Lake Gold Project"), reinforce the Company's belief that the Pickle Lake Gold Project has potential to host a significant gold deposit.

Table 1. Summary of mineralised intervals for Drill Holes KAS-18-05 to KAS-18-15

Hole ID	From (m)	To (m)	Down Hole Width (m)	Au g/t
KAS-18-05	77.30	103.40	26.10	1.08
including	89.50	94.80	5.30	3.74
with	93.40	94.00	0.60	10.40
KAS-18-06	85.00	114.20	29.20	1.26
including	104.20	114.20	10.00	2.27
with	104.20	104.70	0.50	21.20
and	111.00	114.20	3.20	2.98
KAS-18-07	60.30	77.00	16.70	0.56
KAS-18-08	65.60	81.00	15.40	3.22
Including	66.60	72.50	5.90	4.53
Including	77.70	79.20	1.50	13.49
KAS-18-09	74.80	97.00	22.20	2.22
Including	85.80	90.30	4.50	7.39
KAS-18-10	89.30	115.50	26.20	3.35
Including	101.50	103.50	2.00	16.60
Including	109.50	114.30	4.80	7.38
KAS-18-11	66.40	80.50	14.10	1.05
KAS-18-12	99.60	119.50	19.90	0.58
including	115.40	117.30	1.90	4.00
KAS-18-13	81.00	90.00	9.00	1.13
KAS-18-14	85.50	106.00	20.50	1.25
Including	93.00	96.00	3.00	2.23
and	99.00	101.70	2.70	5.41
KAS-18-15	113.50	124.10	10.60	1.38

A full list of drill results can be found in Table 3 and collar and survey details are also located in Table 2.

The drill-hole locations (Figure 1) and interpretive cross-sections (Figures 2 - 4) illustrate the geometry of the mineralisation at the Kasagaminnis prospect.



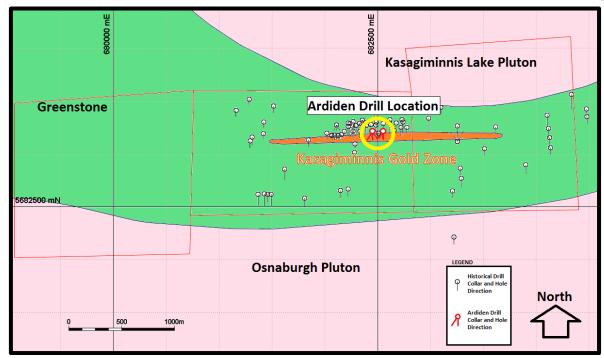


Figure 1. Drill-hole location plan.

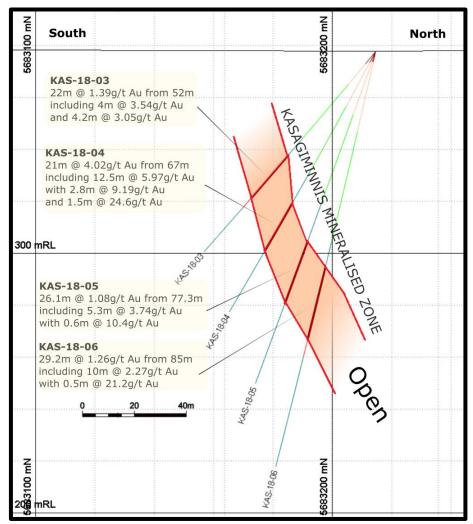


Figure 2. Section for holes KAS-18-03 to KAS-18-06



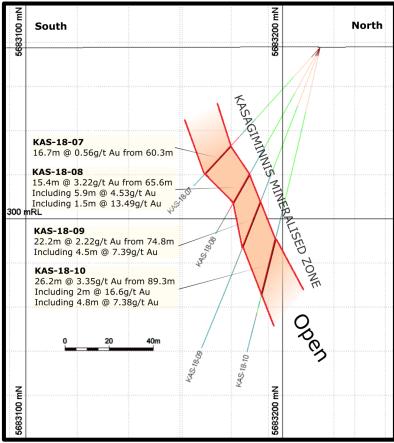


Figure 3. Section for holes KAS-18-07 to KAS-18-10

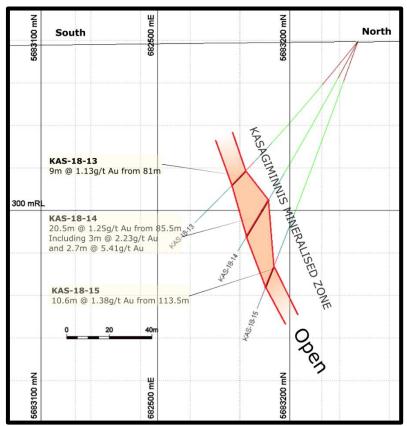


Figure 4. Section for holes KAS-18-13 to KAS-18-15



The drilling program revealed that the gold mineralisation is preferentially hosted by a sub-vertical layer of highly altered intermediate to felsic volcanic rock sandwiched between highly altered mafic volcanic rocks. The gold mineralisation appears to be associated with sulphides replacing magnetite that formed within the sheared alteration zone.

The sulphides comprise a mixture of varying proportions of pyrite and pyrrhotite and are associated with silicification and carbonation. Coarse visible gold is present in some mineralised intersections and the gold mineralisation extends beyond the main mineralised zone into the footwall mafic volcanic rocks through a series of shears containing quartz-carbonate veinlets.

Throughout the review process for Pickle Lake, undertaken before proceeding to an investment and development decision, it was evident that there was sufficient potential, which the Company believed to offer a low-risk, low-cost opportunity to further develop the project and consider for inclusion in Ardiden's project portfolio.

Ardiden has now completed its due-diligence drilling program for Pickle Lake, which included the following key initial objectives; the verification of historic drill and sample results, obtaining a better understanding of the geology of certain areas within Pickle Lake, and confirmation of the potential of the Pickle Lake project.

The assay results and work completed thus far, confirm the Company's initial assessment and decision to complete sufficient work to secure the Pickle Lake property.

Following the accomplishment of all key initial objectives at Pickle Lake, further exploration and drilling activities have been deferred, in order to allow Ardiden to continue to develop and advance the Seymour Lake Lithium Project, which is the Company's primary focus.

Currently, drilling at the North Aubry prospect is ongoing and an update on activities is expected in the near future.

ENDS

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Table 2. Collar and Survey Results for Kasagiminnis Lake Property

Hole ID	Easting NAD83- 15	Northing NAD83-15	RL	Hole Depth	Survey Depth	Dip	Azimuth NAD83- 15
KAS-18-05	682451.8	5683215	377.7	136	0	-70.6	150.7
KAS-18-06	682451.8	5683215	377.7	164.5	0	-77.5	151.6
KAS-18-07	682451.8	5683215	377.7	85	0	-48.3	210.1
KAS-18-08	682451.8	5683215	377.7	97	0	-61.2	207.9
KAS-18-09	682451.8	5683215	377.7	146.5	0	-69.4	207.9
KAS-18-10	682451.8	5683215	377.7	142	0	-77.9	210.3
KAS-18-11	682548.6	5683228	379.6	131.5	0	-54.4	179.9
KAS-18-12	682548.6	5683228	379.6	141.5	0	-74.1	179.5
KAS-18-13	682548.6	5683228	379.6	115	0	-51.2	210.0
KAS-18-14	682548.6	5683228	379.6	114	0	-61.8	208.8
KAS-18-15	682548.6	5683228	379.6	134.5	0	-70.6	209.6

Table 3. KAS-18-05 to KAS-18-15 Assay Table

-18-05 to KAS	2-18-12 Assay						
Hole ID	Sample ID	From (m)	To (m)	Interval (m)	Calc SG	Au g/t	S%
KAS-18-05	789878	31.30	32.30	1.00	2.759	0.003	0.11
KAS-18-05	789879	32.30	33.00	0.70	2.857	0.013	0.06
KAS-18-05	789881	33.00	34.00	1.00	2.768	0.002	0.08
KAS-18-05	789882	58.60	59.60	1.00	2.814	0.015	0.32
KAS-18-05	789883	59.60	60.60	1.00	2.740	0.008	0.64
KAS-18-05	789884	60.60	61.60	1.00	2.738	0.002	0.44
KAS-18-05	789885	61.60	62.30	0.70	2.770	0.008	0.06
KAS-18-05	789886	62.30	63.80	1.50	3.052	0.003	0.22
KAS-18-05	789887	63.80	65.30	1.50	3.044	0.006	0.25
KAS-18-05	789888	65.30	66.80	1.50	3.030	0.002	0.17
KAS-18-05	789889	66.80	68.30	1.50	3.058	0.003	0.15
KAS-18-05	789890	68.30	69.80	1.50	3.023	0.007	0.1
KAS-18-05	789891	69.80	71.30	1.50	3.063	0.005	0.12
KAS-18-05	789892	71.30	72.80	1.50	2.993	0.003	0.23
KAS-18-05	789893	72.80	74.30	1.50	3.037	0.001	0.13
KAS-18-05	789894	74.30	75.80	1.50	3.020	0.002	0.05
KAS-18-05	789895	75.80	77.30	1.50	3.033	0.005	0.28
KAS-18-05	789896	77.30	78.80	1.50	3.021	0.229	0.24
KAS-18-05	789897	78.80	80.00	1.20	3.105	0.325	0.33
KAS-18-05	789898	80.00	80.80	0.80	2.961	2.77	1.6



KAS-18-05	789899	80.80	82.00	1.20	2.935	0.232	0.15
KAS-18-05	789900	82.00	83.10	1.10	2.906	0.275	0.06
KAS-18-05	789902	83.10	84.10	1.00	2.957	0.013	0.04
KAS-18-05	789903	84.10	85.30	1.20	2.989	0.522	0.09
KAS-18-05	789904	85.30	86.40	1.10	2.978	0.005	0.05
KAS-18-05	789906	86.40	87.40	1.00	2.915	1.99	1.57
KAS-18-05	789907	87.40	88.40	1.00	2.955	0.028	0.02
KAS-18-05	789909	88.40	89.50	1.10	3.060	0.037	0.07
KAS-18-05	789911	89.50	90.50	1.00	2.931	2.94	4.29
KAS-18-05	789912	90.50	91.30	0.80	2.931	1.81	2.51
KAS-18-05	789913	91.30	92.30	1.00	2.960	3.08	3.24
KAS-18-05	789914	92.30	93.40	1.10	2.906	2.78	1.94
KAS-18-05	789915	93.40	94.00	0.60	2.895	10.4	2.35
KAS-18-05	789916	94.00	94.80	0.80	2.948	3.84	1.6
KAS-18-05	789917	94.80	96.30	1.50	3.105	0.009	0.1
KAS-18-05	789918	96.30	97.80	1.50	3.070	0.205	0.4
KAS-18-05	789919	97.80	99.30	1.50	3.075	0.007	0.1
KAS-18-05	789920	99.30	100.80	1.50	3.039	0.429	0.32
KAS-18-05	789921	100.80	102.30	1.50	3.062	0.164	0.21
KAS-18-05	789922	102.30	103.40	1.10	3.032	0.826	0.75
KAS-18-05	789923	103.40	104.50	1.10	3.072	0.017	0.12
KAS-18-05	789924	104.50	106.00	1.50	3.088	0.007	0.06
KAS-18-05	789925	106.00	107.50	1.50	3.079	0.192	0.27
KAS-18-05	789927	107.50	109.00	1.50	3.089	0.001	0.12
KAS-18-05	789928	109.00	110.50	1.50	3.043	0.112	0.26
KAS-18-05	789929	110.50	112.00	1.50	3.124	0.018	0.17
KAS-18-05	789931	112.00	113.50	1.50	3.128	0.015	0.14
KAS-18-05	789932	113.50	115.00	1.50	3.130	0.01	0.34
KAS-18-05	789933	115.00	116.50	1.50	3.099	0.009	0.26
KAS-18-05	789934	116.50	118.00	1.50	3.108	0.204	0.33
KAS-18-05	789935	118.00	119.50	1.50	3.145	0.015	0.09
KAS-18-05	789936	119.50	120.80	1.30	3.117	0.016	0.1
KAS-18-05	789937	120.80	121.60	0.80	3.061	0.005	0.07
KAS-18-05	789938	121.60	122.50	0.90	3.108	0.005	0.2
KAS-18-05	789939	122.50	124.00	1.50	3.154	1.03	0.39
KAS-18-05	789940	124.00	125.50	1.50	3.212	0.014	0.38
KAS-18-05	789941	125.50	127.00	1.50	3.203	0.001	0.36
KAS-18-05	789942	127.00	128.50	1.50	3.170	0.009	0.46



KAS-18-05	789943	128.50	130.00	1.50	3.202	0.052	2.1
KAS-18-05	789944	130.00	131.50	1.50	3.179	0.034	1.95
KAS-18-05	789945	131.50	133.00	1.50	3.142	0.063	0.75
KAS-18-05	789946	133.00	134.50	1.50	3.166	0.038	0.29
KAS-18-05	789947	134.50	136.00	1.50	3.080	0.012	0.08
KAS-18-06	789948	69.80	70.80	1.00	2.744	0.007	0.33
KAS-18-06	789949	70.80	71.80	1.00	2.747	0.015	0.24
KAS-18-06	789950	71.80	73.20	1.40	2.712	0.001	0.16
KAS-18-06	789952	73.20	74.20	1.00	2.723	0.035	0.47
KAS-18-06	789953	74.20	75.40	1.20	2.755	0.026	0.15
KAS-18-06	789954	75.40	76.40	1.00	3.044	0.017	0.53
KAS-18-06	789956	76.40	77.50	1.10	2.969	0.001	0.06
KAS-18-06	789957	77.50	79.00	1.50	3.073	0.001	0.42
KAS-18-06	789958	79.00	80.50	1.50	3.006	0.001	0.18
KAS-18-06	789959	80.50	82.00	1.50	3.047	0.004	0.24
KAS-18-06	789961	82.00	83.50	1.50	3.018	0.009	0.19
KAS-18-06	789962	83.50	85.00	1.50	3.040	0.013	0.19
KAS-18-06	789963	85.00	86.50	1.50	3.015	1.58	0.38
KAS-18-06	789964	86.50	88.00	1.50	3.031	0.441	0.35
KAS-18-06	789965	88.00	89.10	1.10	3.140	0.336	0.51
KAS-18-06	789966	89.10	90.30	1.20	3.000	0.387	0.31
KAS-18-06	789967	90.30	91.40	1.10	2.991	0.104	0.1
KAS-18-06	789968	91.40	92.50	1.10	2.975	0.048	0.15
KAS-18-06	789970	92.50	93.40	0.90	2.953	0.055	0.29
KAS-18-06	789971	93.40	94.30	0.90	2.960	0.844	0.96
KAS-18-06	789972	94.30	95.10	0.80	2.918	5.67	1.33
KAS-18-06	789973	95.10	95.90	0.80	2.965	0.977	0.71
KAS-18-06	789974	95.90	97.00	1.10	2.923	0.006	0.005
KAS-18-06	789975	97.00	98.50	1.50	2.930	0.001	0.05
KAS-18-06	789977	98.50	100.00	1.50	2.945	0.001	0.01
KAS-18-06	789978	100.00	101.50	1.50	2.945	0.11	0.05
KAS-18-06	789979	101.50	103.00	1.50	2.956	2.57	0.94
KAS-18-06	789981	103.00	104.20	1.20	2.960	0.058	0.05
KAS-18-06	789982	104.20	104.70	0.50	2.933	21.2	3.9
KAS-18-06	789983	104.70	106.20	1.50	2.933	0.169	0.07
KAS-18-06	789984	106.20	107.50	1.30	2.966	0.318	0.23
KAS-18-06	789985	107.50	108.50	1.00	2.930	1.35	0.56
KAS-18-06	789986	108.50	109.40	0.90	2.993	0.093	0.15



KAS-18-06	789987	109.40	110.30	0.90	2.974	0.047	0.2
KAS-18-06	789988	110.30	111.00	0.70	2.940	0.514	1.01
KAS-18-06	789989	111.00	111.80	0.80	2.956	6.86	2.77
KAS-18-06	789990	111.80	112.80	1.00	3.040	0.119	0.23
KAS-18-06	789991	112.80	113.50	0.70	2.953	2.66	2.22
KAS-18-06	789992	113.50	114.20	0.70	2.980	2.97	2.68
KAS-18-06	789993	114.20	115.00	0.80	3.029	0.021	0.13
KAS-18-06	789994	115.00	116.50	1.50	3.113	0.009	0.03
KAS-18-06	789995	116.50	118.00	1.50	3.069	0.37	0.34
KAS-18-06	789996	118.00	118.50	0.50	3.131	0.174	0.64
KAS-18-06	789997	118.50	119.50	1.00	3.112	0.011	0.01
KAS-18-06	789998	119.50	120.80	1.30	2.982	0.006	0.01
KAS-18-06	789999	120.80	121.60	0.80	3.113	0.007	0.02
KAS-18-06	790000	121.60	122.50	0.90	2.994	0.03	0.02
KAS-18-06	790002	122.50	124.00	1.50	3.071	0.009	0.06
KAS-18-06	790003	124.00	125.00	1.00	3.144	0.007	0.005
KAS-18-06	790004	125.00	125.90	0.90	3.117	0.007	0.005
KAS-18-06	790006	125.90	126.70	0.80	3.070	0.278	0.8
KAS-18-06	790007	126.70	127.30	0.60	3.021	0.018	0.11
KAS-18-06	790008	127.30	128.80	1.50	3.094	0.068	0.47
KAS-18-06	790009	128.80	130.00	1.20	3.006	0.007	0.13
KAS-18-06	790011	130.00	131.50	1.50	2.973	0.009	0.06
KAS-18-06	790012	131.50	132.80	1.30	3.050	0.009	0.08
KAS-18-06	790013	132.80	133.50	0.70	3.094	0.106	0.16
KAS-18-06	790014	133.50	134.50	1.00	3.128	0.011	0.12
KAS-18-06	790015	134.50	136.00	1.50	3.117	0.01	0.24
KAS-18-06	790016	136.00	137.50	1.50	3.082	0.017	0.37
KAS-18-06	790017	137.50	139.00	1.50	3.082	0.015	0.13
KAS-18-06	790018	139.00	140.50	1.50	3.106	0.027	0.44
KAS-18-06	790019	140.50	142.00	1.50	3.066	0.014	0.29
KAS-18-06	790020	142.00	143.50	1.50	3.108	0.013	0.33
KAS-18-06	790021	143.50	145.00	1.50	3.153	0.006	0.39
KAS-18-06	790022	145.00	146.50	1.50	3.205	0.001	0.31
KAS-18-06	790023	146.50	148.00	1.50	3.230	0.006	0.43
KAS-18-06	790024	148.00	149.50	1.50	3.197	0.011	0.26
KAS-18-06	790025	149.50	151.00	1.50	3.133	0.009	0.46
KAS-18-06	790027	151.00	152.50	1.50	3.122	0.05	0.35
KAS-18-06	790028	152.50	154.00	1.50	3.056	0.028	0.12



KAS-18-06	790029	154.00	155.50	1.50	3.088	0.047	0.11
KAS-18-06	790031	155.50	157.00	1.50	3.072	0.039	0.21
KAS-18-06	790032	157.00	158.50	1.50	3.104	0.031	0.26
KAS-18-06	790033	158.50	160.00	1.50	3.049	0.005	0.08
KAS-18-06	790034	160.00	161.50	1.50	3.099	0.012	0.11
KAS-18-06	790035	161.50	163.00	1.50	3.024	0.024	0.02
KAS-18-06	790036	163.00	164.50	1.50	2.976	0.026	0.02
KAS-18-07	790037	28.70	29.70	1.00	2.761	0.001	0.01
KAS-18-07	790038	29.70	30.50	0.80	2.904	0.016	0.1
KAS-18-07	790039	30.50	31.20	0.70	2.825	0.001	0.11
KAS-18-07	790040	31.20	32.20	1.00	2.839	0.001	0.03
KAS-18-07	790041	40.10	41.10	1.00	2.757	0.008	0.21
KAS-18-07	790042	41.10	42.10	1.00	2.783	0.001	0.07
KAS-18-07	790043	42.10	43.00	0.90	2.872	0.001	0.09
KAS-18-07	790044	43.00	43.90	0.90	2.756	0.019	0.36
KAS-18-07	790045	43.90	45.00	1.10	3.021	0.008	0.23
KAS-18-07	790046	45.00	46.00	1.00	3.036	0.001	0.17
KAS-18-07	790047	46.00	47.50	1.50	3.007	0.001	0.19
KAS-18-07	790048	47.50	49.00	1.50	3.046	0.001	0.08
KAS-18-07	790049	49.00	50.50	1.50	3.082	0.009	0.24
KAS-18-07	790050	50.50	52.00	1.50	3.023	0.001	0.39
KAS-18-07	790052	52.00	53.50	1.50	3.051	0.074	0.29
KAS-18-07	790053	53.50	54.70	1.20	3.095	0.073	0.23
KAS-18-07	790054	54.70	55.80	1.10	2.994	0.44	0.41
KAS-18-07	790056	55.80	57.00	1.20	2.961	0.001	0.06
KAS-18-07	790057	57.00	58.10	1.10	3.015	0.001	0.09
KAS-18-07	790058	58.10	59.20	1.10	2.939	0.005	0.03
KAS-18-07	790059	59.20	60.30	1.10	2.914	0.045	0.11
KAS-18-07	790061	60.30	61.20	0.90	2.936	4.41	0.92
KAS-18-07	790063	61.20	62.20	1.00	2.959	0.032	0.1
KAS-18-07	790064	62.20	62.80	0.60	2.969	0.287	0.39
KAS-18-07	790065	62.80	63.70	0.90	2.836	1.05	0.05
KAS-18-07	790066	63.70	64.60	0.90	2.964	0.614	0.55
KAS-18-07	790067	64.60	65.50	0.90	2.921	0.022	0.03
KAS-18-07	790068	65.50	67.00	1.50	2.970	0.001	0.02
KAS-18-07	790069	67.00	68.50	1.50	2.957	0.014	0.15
KAS-18-07	790070	68.50	70.00	1.50	2.960	0.022	0.08
KAS-18-07	790071	70.00	71.50	1.50	3.030	0.113	0.03



KAS-18-07	790072	71.50	73.00	1.50	3.055	0.386	0.16
KAS-18-07	790073	73.00	73.90	0.90	3.132	0.807	0.28
KAS-18-07	790074	73.90	75.20	1.30	3.076	0.999	0.38
KAS-18-07	790075	75.20	76.00	0.80	2.849	0.258	1.02
KAS-18-07	790077	76.00	77.00	1.00	3.029	0.553	0.12
KAS-18-07	790078	77.00	78.00	1.00	3.064	0.023	0.4
KAS-18-07	790079	78.00	79.00	1.00	3.086	0.029	0.35
KAS-18-07	790081	79.00	80.00	1.00	3.053	0.016	0.42
KAS-18-07	790082	80.00	81.00	1.00	3.090	0.134	0.38
KAS-18-07	790083	81.00	82.00	1.00	3.059	0.008	0.21
KAS-18-07	790084	82.00	83.00	1.00	3.110	0.022	0.08
KAS-18-07	790085	83.00	84.00	1.00	3.196	0.007	0.14
KAS-18-07	790086	84.00	85.00	1.00	3.197	0.008	0.15
KAS-18-08	790087	44.10	45.10	1.00	2.770	0.005	0.03
KAS-18-08	790088	45.10	45.70	0.60	2.717	0.001	0.005
KAS-18-08	790089	45.70	46.50	0.80	2.774	0.01	0.03
KAS-18-08	790090	46.50	47.60	1.10	2.766	0.014	0.04
KAS-18-08	790091	47.60	48.70	1.10	2.742	0.014	0.17
KAS-18-08	790092	48.70	49.80	1.10	2.800	0.221	0.45
KAS-18-08	790093	49.80	50.60	0.80	2.707	0.001	0.03
KAS-18-08	790094	50.60	51.50	0.90	2.750	0.006	0.42
KAS-18-08	790095	51.50	52.50	1.00	3.060	0.001	0.19
KAS-18-08	790096	52.50	53.50	1.00	3.059	0.001	0.38
KAS-18-08	790097	53.50	55.00	1.50	3.029	0.001	0.16
KAS-18-08	790098	55.00	56.50	1.50	3.039	0.001	0.18
KAS-18-08	790099	56.50	58.00	1.50	3.011	0.01	0.17
KAS-18-08	790100	58.00	59.50	1.50	3.044	0.013	0.17
KAS-18-08	790102	59.50	61.00	1.50	3.047	0.001	0.24
KAS-18-08	790103	61.00	62.50	1.50	3.033	0.001	0.5
KAS-18-08	790104	62.50	63.50	1.00	3.061	0.134	0.25
KAS-18-08	790106	63.50	64.60	1.10	3.050	0.008	0.12
KAS-18-08	790108	64.60	65.60	1.00	2.976	0.001	0.08
KAS-18-08	790109	65.60	66.60	1.00	2.992	0.263	0.05
KAS-18-08	790111	66.60	67.50	0.90	2.993	4.86	2
KAS-18-08	790112	67.50	68.50	1.00	2.990	8.15	1.37
KAS-18-08	790113	68.50	69.50	1.00	2.971	1.72	0.67
KAS-18-08	790114	69.50	70.50	1.00	2.978	0.147	0.23
KAS-18-08	790115	70.50	71.50	1.00	2.868	4.63	1.41



KAS-18-08	790116	71.50	72.50	1.00	2.862	7.71	2.09
KAS-18-08	790117	72.50	73.70	1.20	2.951	0.698	0.11
KAS-18-08	790118	73.70	75.20	1.50	2.956	0.001	0.01
KAS-18-08	790119	75.20	76.20	1.00	2.945	0.969	0.55
KAS-18-08	790120	76.20	77.70	1.50	2.993	0.001	0.02
KAS-18-08	790121	77.70	78.40	0.70	2.968	23.5	1.93
KAS-18-08	790122	78.40	79.20	0.80	2.941	4.73	1.29
KAS-18-08	790123	79.20	80.00	0.80	2.962	0.544	0.36
KAS-18-08	790124	80.00	81.00	1.00	2.985	0.125	0.11
KAS-18-08	790125	81.00	82.40	1.40	2.919	0.007	0.22
KAS-18-08	790127	82.40	83.40	1.00	2.983	0.012	0.22
KAS-18-08	790128	83.40	84.90	1.50	3.063	0.001	0.02
KAS-18-08	790129	84.90	86.40	1.50	3.041	0.008	0.005
KAS-18-08	790131	86.40	87.10	0.70	3.056	0.006	0.005
KAS-18-08	790132	87.10	88.60	1.50	3.034	0.519	0.09
KAS-18-08	790133	88.60	89.50	0.90	3.030	0.504	1.12
KAS-18-08	790135	89.50	90.00	0.50	2.933	0.047	1.5
KAS-18-08	790136	90.00	90.50	0.50	3.041	0.134	0.68
KAS-18-08	790137	90.50	91.00	0.50	3.007	0.148	0.19
KAS-18-08	790138	91.00	92.30	1.30	3.089	0.042	0.39
KAS-18-08	790139	92.30	93.20	0.90	2.989	0.001	0.09
KAS-18-08	790140	93.20	94.00	0.80	3.123	0.001	0.19
KAS-18-08	790141	94.00	95.50	1.50	3.123	0.001	0.18
KAS-18-08	790142	95.50	97.00	1.50	3.164	0.008	0.1
KAS-18-09	790143	55.00	56.00	1.00	2.743	0.001	0.49
KAS-18-09	790144	56.00	56.80	0.80	2.716	0.001	0.14
KAS-18-09	790145	56.80	58.00	1.20	2.731	0.006	0.28
KAS-18-09	790146	58.00	59.10	1.10	2.730	0.018	0.15
KAS-18-09	790147	59.10	60.10	1.00	3.047	0.019	0.15
KAS-18-09	790148	60.10	61.00	0.90	3.073	0.001	0.26
KAS-18-09	790149	61.00	62.50	1.50	3.019	0.001	0.06
KAS-18-09	790150	62.50	64.00	1.50	3.033	0.001	0.37
KAS-18-09	790152	64.00	65.50	1.50	2.989	0.006	0.1
KAS-18-09	790153	65.50	67.00	1.50	3.035	0.008	0.11
KAS-18-09	790154	67.00	68.50	1.50	3.023	0.007	0.07
KAS-18-09	790156	68.50	70.00	1.50	3.042	0.248	0.18
KAS-18-09	790157	70.00	71.00	1.00	3.029	0.012	0.45
KAS-18-09	790158	71.00	72.20	1.20	3.071	0.048	0.25



KAS-18-09	790159	72.20	73.20	1.00	3.097	0.001	0.22
KAS-18-09	790161	73.20	74.00	0.80	2.956	0.001	0.1
KAS-18-09	790162	74.00	74.80	0.80	2.996	0.001	0.05
KAS-18-09	790163	74.80	75.60	0.80	2.918	0.519	0.19
KAS-18-09	790164	75.60	76.60	1.00	2.943	5.18	3.34
KAS-18-09	790165	76.60	77.70	1.10	2.997	0.534	0.28
KAS-18-09	790166	77.70	78.80	1.10	2.936	0.008	0.09
KAS-18-09	790167	78.80	79.80	1.00	2.870	3.47	0.72
KAS-18-09	790168	79.80	80.80	1.00	2.929	0.035	0.01
KAS-18-09	790169	80.80	81.80	1.00	2.970	0.001	0.005
KAS-18-09	790170	81.80	82.80	1.00	2.836	0.015	0.4
KAS-18-09	790171	82.80	83.80	1.00	2.970	0.539	0.14
KAS-18-09	790172	83.80	84.80	1.00	2.931	0.001	0.01
KAS-18-09	790173	84.80	85.80	1.00	2.892	0.083	0.07
KAS-18-09	790175	85.80	86.80	1.00	2.909	3.58	1.85
KAS-18-09	790177	86.80	87.80	1.00	2.905	10.5	2.02
KAS-18-09	790178	87.80	88.80	1.00	2.911	15.8	2.19
KAS-18-09	790179	88.80	89.70	0.90	2.951	1.25	0.39
KAS-18-09	790181	89.70	90.30	0.60	2.927	3.77	1.5
KAS-18-09	790182	90.30	91.60	1.30	2.987	0.072	0.07
KAS-18-09	790183	91.60	92.50	0.90	3.032	0.039	0.06
KAS-18-09	790184	92.50	94.00	1.50	3.053	0.052	0.06
KAS-18-09	790185	94.00	95.50	1.50	3.028	0.093	0.22
KAS-18-09	790186	95.50	97.00	1.50	3.057	3.6	0.91
KAS-18-09	790187	97.00	98.20	1.20	3.066	0.024	0.05
KAS-18-09	790188	98.20	98.80	0.60	2.942	0.006	0.01
KAS-18-09	790189	98.80	100.00	1.20	3.048	0.008	0.06
KAS-18-09	790190	100.00	101.50	1.50	3.051	0.105	0.16
KAS-18-09	790191	101.50	103.00	1.50	3.079	0.001	0.14
KAS-18-09	790192	103.00	104.00	1.00	3.069	0.006	0.04
KAS-18-09	790193	104.00	105.00	1.00	3.007	0.008	0.07
KAS-18-09	790194	105.00	106.00	1.00	3.128	0.025	0.03
KAS-18-09	790195	106.00	107.50	1.50	3.130	0.001	0.13
KAS-18-09	790196	107.50	109.00	1.50	3.113	0.011	0.15
KAS-18-09	790197	109.00	110.50	1.50	3.070	0.005	0.24
KAS-18-09	790198	110.50	112.00	1.50	3.096	0.017	0.2
KAS-18-09	790199	112.00	113.50	1.50	3.153	0.01	0.25
KAS-18-09	790200	113.50	115.00	1.50	3.225	0.006	0.27



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KAS-18-09	790202	115.00	116.50	1.50	3.140	0.006	0.14
KAS-18-09	790203	116.50	118.00	1.50	3.106	0.01	0.08
KAS-18-09	790204	118.00	119.50	1.50	3.134	0.007	0.14
KAS-18-09	790206	119.50	121.00	1.50	3.196	0.001	0.21
KAS-18-09	790207	121.00	122.50	1.50	3.160	0.001	0.16
KAS-18-09	790208	122.50	124.00	1.50	3.226	0.029	0.38
KAS-18-09	790209	124.00	125.50	1.50	3.211	0.006	0.38
KAS-18-09	790211	125.50	127.00	1.50	3.220	0.005	0.4
KAS-18-09	790212	127.00	128.50	1.50	3.209	0.008	0.39
KAS-18-09	790213	128.50	130.00	1.50	3.231	0.001	0.36
KAS-18-09	790214	130.00	131.50	1.50	3.235	0.095	0.51
KAS-18-09	790215	131.50	133.00	1.50	3.170	0.03	0.26
KAS-18-09	790216	133.00	134.50	1.50	3.127	0.04	0.2
KAS-18-09	790217	134.50	136.00	1.50	3.170	0.042	0.28
KAS-18-09	790218	136.00	137.50	1.50	3.128	0.137	0.16
KAS-18-09	790219	137.50	139.00	1.50	3.126	0.042	0.3
KAS-18-09	790220	139.00	140.50	1.50	3.015	0.012	0.17
KAS-18-09	790221	140.50	142.00	1.50	3.007	0.028	0.08
KAS-18-09	790222	142.00	143.50	1.50	2.949	0.013	0.17
KAS-18-09	790223	143.50	145.00	1.50	2.933	0.016	0.04
KAS-18-09	790224	145.00	146.50	1.50	2.942	0.03	0.11
KAS-18-10	790225	4.00	5.50	1.50	3.068	0.001	0.28
KAS-18-10	790227	5.50	6.40	0.90	2.863	0.001	0.03
KAS-18-10	790228	6.40	7.40	1.00	2.806	0.001	0.3
KAS-18-10	790229	7.40	8.40	1.00	2.753	0.001	0.02
KAS-18-10	790231	68.00	69.00	1.00	2.743	0.005	0.07
KAS-18-10	790232	69.00	70.00	1.00	2.766	0.007	0.1
KAS-18-10	790233	70.00	71.00	1.00	2.780	0.022	0.16
KAS-18-10	790234	71.00	72.00	1.00	2.814	0.016	0.35
KAS-18-10	790235	72.00	73.00	1.00	2.724	0.001	0.04
KAS-18-10	790236	73.00	74.40	1.40	2.736	0.006	0.07
KAS-18-10	790237	74.40	75.20	0.80	3.102	0.006	0.19
KAS-18-10	790238	75.20	76.00	0.80	3.068	0.007	0.12
KAS-18-10	790239	76.00	77.50	1.50	2.993	0.007	0.15
KAS-18-10	790240	77.50	79.00	1.50	3.052	0.021	0.24
KAS-18-10	790241	79.00	80.50	1.50	3.036	0.006	0.13
KAS-18-10	790242	80.50	82.00	1.50	3.045	0.036	0.18
KAS-18-10	790243	82.00	83.50	1.50	2.557	0.006	0.3



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KAS-18-10	790244	83.50	85.00	1.50	3.034	0.008	0.14
KAS-18-10	790245	85.00	86.00	1.00	2.990	0.024	0.14
KAS-18-10	790246	86.00	87.30	1.30	3.048	0.148	0.32
KAS-18-10	790247	87.30	88.30	1.00	3.027	0.01	0.04
KAS-18-10	790248	88.30	89.30	1.00	3.033	0.012	0.08
KAS-18-10	790250	89.30	90.30	1.00	2.926	6.66	3.37
KAS-18-10	790251	90.30	91.30	1.00	2.920	1.43	2.74
KAS-18-10	790252	91.30	92.30	1.00	2.959	0.107	0.32
KAS-18-10	790253	92.30	93.30	1.00	2.932	1.58	0.16
KAS-18-10	790254	93.30	94.30	1.00	2.968	2.27	0.92
KAS-18-10	790256	94.30	95.30	1.00	3.003	1.05	0.09
KAS-18-10	790257	95.30	96.50	1.20	2.953	0.091	0.03
KAS-18-10	790258	96.50	97.50	1.00	2.975	0.058	0.02
KAS-18-10	790259	97.50	98.50	1.00	2.985	0.038	0.06
KAS-18-10	790261	98.50	99.50	1.00	2.949	0.163	0.12
KAS-18-10	790262	99.50	100.50	1.00	2.917	0.134	0.22
KAS-18-10	790263	100.50	101.50	1.00	2.943	0.282	0.23
KAS-18-10	790265	101.50	102.50	1.00	2.903	12.7	1.74
KAS-18-10	790266	102.50	103.50	1.00	2.904	20.5	2.17
KAS-18-10	790267	103.50	104.50	1.00	2.904	0.994	0.77
KAS-18-10	790268	104.50	105.50	1.00	2.925	0.624	0.34
KAS-18-10	790269	105.50	106.50	1.00	2.918	0.023	0.04
KAS-18-10	790270	106.50	107.50	1.00	2.874	0.011	0.07
KAS-18-10	790271	107.50	108.50	1.00	2.877	1.16	1.51
KAS-18-10	790272	108.50	109.50	1.00	2.872	2.07	0.22
KAS-18-10	790273	109.50	110.50	1.00	2.866	8.22	3.13
KAS-18-10	790274	110.50	111.50	1.00	2.878	8.32	5.02
KAS-18-10	790275	111.50	112.40	0.90	2.817	9.26	3.2
KAS-18-10	790277	112.40	113.40	1.00	2.792	7.76	1.93
KAS-18-10	790278	113.40	114.30	0.90	2.835	3.08	0.93
KAS-18-10	790279	114.30	115.50	1.20	2.861	0.241	0.07
KAS-18-10	790281	115.50	116.90	1.40	3.005	0.027	0.03
KAS-18-10	790282	116.90	118.20	1.30	2.941	0.03	0.07
KAS-18-10	790283	118.20	119.10	0.90	2.963	0.553	1.33
KAS-18-10	790284	119.10	120.00	0.90	2.960	0.369	0.38
KAS-18-10	790285	120.00	121.00	1.00	2.997	2.89	2.19
KAS-18-10	790286	121.00	122.30	1.30	3.080	0.141	0.29
KAS-18-10	790287	122.30	123.50	1.20	3.064	0.148	0.37



KAS-18-10	790288	123.50	124.20	0.70	3.081	0.022	0.49
KAS-18-10	790289	124.20	125.10	0.90	3.069	0.166	0.37
KAS-18-10	790290	125.10	126.10	1.00	3.005	0.257	0.53
KAS-18-10	790291	126.10	126.60	0.50	3.051	0.927	0.03
KAS-18-10	790292	126.60	128.00	1.40	3.043	0.006	0.08
KAS-18-10	790293	128.00	129.50	1.50	3.123	0.012	0.1
KAS-18-10	790294	129.50	131.00	1.50	3.091	0.011	0.04
KAS-18-10	790295	131.00	131.80	0.80	3.120	0.006	0.44
KAS-18-10	790296	131.80	132.80	1.00	3.098	0.011	0.14
KAS-18-10	790297	132.80	134.10	1.30	2.995	0.014	0.45
KAS-18-10	790298	134.10	135.00	0.90	3.101	0.009	0.3
KAS-18-10	790299	135.00	136.10	1.10	3.144	0.005	0.11
KAS-18-10	790300	136.10	136.70	0.60	3.130	0.001	0.04
KAS-18-10	790302	136.70	137.50	0.80	3.117	0.001	0.39
KAS-18-10	790303	137.50	138.50	1.00	3.104	0.001	0.1
KAS-18-10	790304	138.50	139.50	1.00	3.035	0.001	0.02
KAS-18-10	790306	139.50	140.70	1.20	3.005	0.001	0.02
KAS-18-10	790307	140.70	142.00	1.30	3.101	0.013	0.02
KAS-18-11	790308	56.30	57.30	1.00	2.751	0.001	0.14
KAS-18-11	790309	57.30	58.30	1.00	2.734	0.005	0.09
KAS-18-11	790311	58.30	59.40	1.10	3.005	0.012	0.15
KAS-18-11	790312	59.40	60.90	1.50	3.014	0.001	0.22
KAS-18-11	790313	60.90	62.40	1.50	3.018	0.001	0.11
KAS-18-11	790314	62.40	63.90	1.50	3.046	0.005	0.17
KAS-18-11	790315	63.90	65.40	1.50	3.077	0.008	0.1
KAS-18-11	790316	65.40	66.40	1.00	3.087	0.074	0.58
KAS-18-11	790317	66.40	67.40	1.00	3.000	0.808	0.43
KAS-18-11	790318	67.40	68.40	1.00	3.026	0.55	0.22
KAS-18-11	790319	68.40	69.90	1.50	2.994	0.106	0.16
KAS-18-11	790320	69.90	70.90	1.00	2.976	3.46	0.17
KAS-18-11	790321	70.90	71.90	1.00	3.031	0.047	0.19
KAS-18-11	790323	71.90	72.90	1.00	2.942	4.94	2.94
KAS-18-11	790324	72.90	73.90	1.00	3.024	0.001	0.06
KAS-18-11	790325	73.90	74.90	1.00	3.006	3.09	0.86
KAS-18-11	790327	74.90	76.00	1.10	3.021	0.029	0.2
KAS-18-11	790328	76.00	77.00	1.00	3.034	0.66	0.62
KAS-18-11	790329	77.00	78.00	1.00	3.005	0.088	0.28
KAS-18-11	790331	78.00	79.00	1.00	3.073	0.006	0.41



KAS-18-11	790332	79.00	80.50	1.50	3.022	0.609	0.14
KAS-18-11	790333	80.50	82.00	1.50	3.051	0.034	0.19
KAS-18-11	790334	82.00	83.50	1.50	3.121	0.001	0.24
KAS-18-11	790335	83.50	85.00	1.50	3.064	0.155	0.39
KAS-18-11	790336	85.00	85.50	0.50	3.151	0.001	0.37
KAS-18-11	790337	85.50	86.50	1.00	3.134	0.001	0.55
KAS-18-11	790338	86.50	87.20	0.70	2.991	0.001	0.72
KAS-18-11	790339	87.20	87.90	0.70	2.982	0.001	0.58
KAS-18-11	790340	87.90	89.00	1.10	3.180	0.001	0.22
KAS-18-11	790341	89.00	90.00	1.00	3.103	0.001	0.07
KAS-18-11	790342	90.00	91.00	1.00	3.124	0.001	0.2
KAS-18-11	790343	91.00	92.50	1.50	3.000	0.064	0.14
KAS-18-11	790344	92.50	94.00	1.50	3.036	0.166	0.37
KAS-18-11	790345	94.00	95.00	1.00	3.047	0.017	0.54
KAS-18-11	790346	95.00	96.00	1.00	3.144	1.33	1.16
KAS-18-11	790347	96.00	97.00	1.00	3.174	0.062	0.68
KAS-18-11	790348	97.00	98.00	1.00	3.181	0.025	0.2
KAS-18-11	790349	98.00	99.50	1.50	3.191	0.053	0.11
KAS-18-11	790350	99.50	100.60	1.10	3.140	0.033	0.13
KAS-18-11	790352	100.60	101.30	0.70	3.021	0.12	0.42
KAS-18-11	790353	101.30	102.30	1.00	3.125	0.053	0.4
KAS-18-11	790354	102.30	103.50	1.20	3.074	0.054	0.36
KAS-18-11	790356	103.50	105.00	1.50	3.015	0.067	0.13
KAS-18-11	790357	105.00	106.10	1.10	2.955	0.04	0.02
KAS-18-11	790358	106.10	107.50	1.40	2.993	0.028	0.005
KAS-18-11	790359	107.50	109.00	1.50	3.030	0.026	0.02
KAS-18-11	790361	109.00	110.50	1.50	3.005	0.012	0.06
KAS-18-11	790362	110.50	112.00	1.50	3.040	0.007	0.08
KAS-18-11	790363	112.00	113.50	1.50	3.040	0.006	0.07
KAS-18-11	790364	113.50	115.00	1.50	3.050	0.007	0.07
KAS-18-11	790365	115.00	116.50	1.50	3.059	0.001	0.08
KAS-18-11	790366	116.50	118.00	1.50	3.035	0.001	0.09
KAS-18-11	790367	118.00	119.50	1.50	3.017	0.018	0.05
KAS-18-11	790368	119.50	121.00	1.50	2.996	0.018	0.05
KAS-18-11	790369	121.00	122.50	1.50	2.989	0.031	0.02
KAS-18-11	790370	122.50	124.00	1.50	2.973	0.05	0.03
KAS-18-11	790371	124.00	125.50	1.50	3.067	0.06	0.09
KAS-18-11	790372	125.50	127.00	1.50	2.991	0.009	0.06



KAS-18-11	790373	127.00	128.00	1.00	3.003	0.009	0.07
KAS-18-11	790374	128.00	129.10	1.10	3.061	0.017	0.08
KAS-18-11	790375	129.10	130.00	0.90	2.847	0.016	0.06
KAS-18-11	790377	130.00	131.50	1.50	3.040	0.012	0.11
KAS-18-12	790378	20.70	22.10	1.40	2.775	0.014	0.11
KAS-18-12	790379	22.10	22.90	0.80	2.728	0.008	0.18
KAS-18-12	790381	22.90	23.70	0.80	2.773	0.205	0.18
KAS-18-12	790382	23.70	24.70	1.00	2.808	0.012	0.02
KAS-18-12	790383	24.70	25.50	0.80	2.743	0.011	0.03
KAS-18-12	790384	25.50	26.50	1.00	2.738	0.01	0.01
KAS-18-12	790385	66.80	67.80	1.00	2.890	0.012	0.09
KAS-18-12	790386	67.80	68.80	1.00	2.796	0.008	0.08
KAS-18-12	790387	68.80	69.80	1.00	2.776	0.001	0.11
KAS-18-12	790388	69.80	70.80	1.00	2.800	0.097	0.33
KAS-18-12	790389	80.80	81.80	1.00	2.743	0.001	0.02
KAS-18-12	790390	81.80	82.80	1.00	2.814	0.001	0.33
KAS-18-12	790391	82.80	84.00	1.20	3.060	0.008	0.14
KAS-18-12	790392	84.00	85.00	1.00	3.060	0.001	0.21
KAS-18-12	790393	85.00	86.50	1.50	3.007	0.001	0.05
KAS-18-12	790394	86.50	88.00	1.50	3.043	0.001	0.24
KAS-18-12	790395	88.00	89.50	1.50	3.082	0.001	0.23
KAS-18-12	790396	89.50	91.00	1.50	3.033	0.001	0.22
KAS-18-12	790397	91.00	92.50	1.50	3.054	0.001	0.15
KAS-18-12	790398	92.50	94.00	1.50	2.994	0.007	0.13
KAS-18-12	790399	94.00	95.00	1.00	3.038	0.005	0.09
KAS-18-12	790400	95.00	96.00	1.00	3.049	0.001	0.08
KAS-18-12	790402	96.00	97.40	1.40	3.042	0.001	0.01
KAS-18-12	790403	97.40	98.50	1.10	3.039	0.001	0.09
KAS-18-12	790404	98.50	99.60	1.10	3.016	0.009	0.72
KAS-18-12	790406	99.60	100.50	0.90	3.033	0.191	0.13
KAS-18-12	790407	100.50	101.50	1.00	3.114	0.028	0.09
KAS-18-12	790408	101.50	102.50	1.00	3.058	0.042	0.27
KAS-18-12	790409	102.50	103.50	1.00	3.077	0.178	0.28
KAS-18-12	790411	103.50	104.50	1.00	3.055	0.076	0.02
KAS-18-12	790412	104.50	105.50	1.00	2.980	0.268	0.2
KAS-18-12	790413	105.50	106.50	1.00	3.099	0.114	1.16
KAS-18-12	790414	106.50	107.50	1.00	2.994	0.023	0.57
KAS-18-12	790415	107.50	108.50	1.00	3.036	0.03	0.62



KAS-18-12	790416	108.50	109.50	1.00	3.029	0.067	0.07
KAS-18-12	790417	109.50	110.50	1.00	3.067	0.171	0.08
KAS-18-12	790418	110.50	111.50	1.00	3.023	0.477	0.24
KAS-18-12	790419	111.50	112.50	1.00	3.026	0.049	0.04
KAS-18-12	790420	112.50	113.40	0.90	2.969	0.018	0.11
KAS-18-12	790421	113.40	114.40	1.00	2.967	0.119	0.63
KAS-18-12	790422	114.40	115.40	1.00	3.082	1.48	0.93
KAS-18-12	790424	115.40	116.40	1.00	2.960	4.99	2.27
KAS-18-12	790425	116.40	117.30	0.90	3.016	2.9	1.6
KAS-18-12	790427	117.30	118.60	1.30	3.032	0.081	0.66
KAS-18-12	790428	118.60	119.50	0.90	3.112	0.583	0.31
KAS-18-12	790429	119.50	121.00	1.50	3.125	0.088	0.17
KAS-18-12	790431	121.00	122.50	1.50	3.057	0.037	0.1
KAS-18-12	790432	122.50	124.00	1.50	3.074	0.006	0.04
KAS-18-12	790433	124.00	125.50	1.50	3.031	0.487	0.11
KAS-18-12	790434	125.50	127.00	1.50	3.056	0.922	0.24
KAS-18-12	790435	127.00	128.50	1.50	3.098	0.016	0.18
KAS-18-12	790436	128.50	130.00	1.50	3.150	0.012	0.54
KAS-18-12	790437	130.00	131.50	1.50	3.124	0.015	0.18
KAS-18-12	790438	131.50	133.00	1.50	2.998	0.063	0.1
KAS-18-12	790439	133.00	134.50	1.50	3.076	0.064	0.19
KAS-18-12	790440	134.50	136.00	1.50	3.015	0.047	0.22
KAS-18-12	790441	136.00	137.50	1.50	2.978	0.028	0.21
KAS-18-12	790442	137.50	139.00	1.50	2.961	0.031	0.22
KAS-18-12	790443	139.00	140.50	1.50	2.924	0.013	0.16
KAS-18-13	790444	60.50	61.50	1.00	2.754	0.009	0.05
KAS-18-13	790445	61.50	62.60	1.10	2.769	0.011	0.08
KAS-18-13	790446	62.60	64.00	1.40	3.054	0.012	0.1
KAS-18-13	790447	64.00	65.50	1.50	3.034	0.001	0.09
KAS-18-13	790448	65.50	67.00	1.50	3.032	0.009	0.19
KAS-18-13	790449	67.00	68.50	1.50	2.998	0.012	0.17
KAS-18-13	790450	68.50	70.00	1.50	3.026	0.001	0.28
KAS-18-13	790452	70.00	71.50	1.50	3.076	0.032	0.18
KAS-18-13	790453	71.50	73.00	1.50	3.002	0.026	0.19
KAS-18-13	790454	73.00	74.00	1.00	3.070	0.015	0.13
KAS-18-13	790456	74.00	75.10	1.10	3.141	0.015	0.06
KAS-18-13	790457	75.10	76.00	0.90	3.007	0.008	0.06
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KAS-18-13	790459	77.00	78.00	1.00	3.070	0.012	0.12
KAS-18-13	790461	78.00	79.00	1.00	2.984	0.027	0.21
KAS-18-13	790462	79.00	80.00	1.00	3.000	0.093	0.19
KAS-18-13	790463	80.00	81.00	1.00	3.030	0.047	0.11
KAS-18-13	790464	81.00	82.00	1.00	3.051	0.519	0.28
KAS-18-13	790465	82.00	83.00	1.00	3.009	3.66	0.6
KAS-18-13	790467	83.00	84.00	1.00	2.951	3.41	1.05
KAS-18-13	790468	84.00	85.00	1.00	3.023	0.89	0.48
KAS-18-13	790469	85.00	86.00	1.00	2.977	0.066	0.08
KAS-18-13	790470	86.00	87.00	1.00	2.983	0.173	0.12
KAS-18-13	790471	87.00	88.00	1.00	3.025	0.764	0.27
KAS-18-13	790472	88.00	89.00	1.00	3.063	0.258	0.29
KAS-18-13	790473	89.00	90.00	1.00	3.141	0.385	0.37
KAS-18-13	790474	90.00	91.10	1.10	3.135	0.012	0.08
KAS-18-13	790475	91.10	92.00	0.90	2.913	0.039	0.04
KAS-18-13	790477	92.00	93.00	1.00	3.184	0.062	0.24
KAS-18-13	790478	93.00	94.00	1.00	3.037	0.077	0.08
KAS-18-13	790479	94.00	95.50	1.50	3.039	0.088	0.19
KAS-18-13	790481	95.50	97.00	1.50	3.076	0.061	0.42
KAS-18-13	790482	97.00	98.50	1.50	3.057	0.513	1.03
KAS-18-13	790483	98.50	100.00	1.50	3.078	0.011	0.67
KAS-18-13	790484	100.00	101.50	1.50	3.067	0.001	0.22
KAS-18-13	790485	101.50	103.00	1.50	3.151	0.008	0.17
KAS-18-13	790486	103.00	104.50	1.50	3.154	0.005	0.17
KAS-18-13	790487	104.50	106.00	1.50	3.100	0.006	0.22
KAS-18-13	790488	106.00	107.50	1.50	3.188	0.118	0.52
KAS-18-13	790489	107.50	109.00	1.50	3.146	0.007	0.46
KAS-18-13	790490	109.00	110.50	1.50	3.121	0.012	0.17
KAS-18-13	790491	110.50	112.00	1.50	3.146	0.048	0.24
KAS-18-13	790492	112.00	113.50	1.50	3.023	1.25	0.13
KAS-18-13	790493	113.50	115.00	1.50	2.980	0.049	0.03
KAS-18-14	790494	56.90	57.90	1.00	2.756	0.001	0.18
KAS-18-14	790495	57.90	58.90	1.00	2.799	0.001	0.14
KAS-18-14	790496	58.90	60.00	1.10	2.843	0.001	0.23
KAS-18-14	790497	60.00	61.00	1.00	2.757	0.001	0.09
KAS-18-14	790498	69.30	70.30	1.00	2.682	0.001	0.01
KAS-18-14	790499	70.30	71.30	1.00	2.767	0.01	0.07
KAS-18-14	790500	71.30	72.30	1.00	3.056	0.014	0.14



KAS-18-14	759502	72.30	73.30	1.00	3.006	0.001	0.2
KAS-18-14	759503	73.30	74.50	1.20	3.026	0.001	0.11
KAS-18-14	759504	74.50	76.00	1.50	3.010	0.006	0.15
KAS-18-14	759506	76.00	77.50	1.50	2.991	0.001	0.07
KAS-18-14	759507	77.50	79.00	1.50	3.012	0.007	0.09
KAS-18-14	759508	79.00	80.50	1.50	3.028	0.005	0.25
KAS-18-14	759509	80.50	82.00	1.50	3.033	0.052	0.16
KAS-18-14	759511	82.00	83.50	1.50	3.042	0.008	0.06
KAS-18-14	759512	83.50	84.50	1.00	3.051	0.007	0.07
KAS-18-14	759513	84.50	85.50	1.00	3.112	0.026	0.05
KAS-18-14	759514	85.50	86.50	1.00	3.055	0.529	0.57
KAS-18-14	759515	86.50	88.00	1.50	3.043	0.303	0.15
KAS-18-14	759516	88.00	89.00	1.00	3.050	0.005	0.14
KAS-18-14	759517	89.00	90.00	1.00	3.000	0.659	0.47
KAS-18-14	759518	90.00	91.00	1.00	3.006	0.025	0.26
KAS-18-14	759519	91.00	92.00	1.00	3.023	0.001	0.13
KAS-18-14	759520	92.00	93.00	1.00	3.006	0.001	0.12
KAS-18-14	759521	93.00	94.00	1.00	2.936	4.18	0.66
KAS-18-14	759522	94.00	95.00	1.00	3.082	1.17	0.19
KAS-18-14	759523	95.00	96.00	1.00	3.020	1.35	0.77
KAS-18-14	759524	96.00	97.00	1.00	2.900	0.118	0.36
KAS-18-14	759525	97.00	98.00	1.00	2.947	0.02	0.62
KAS-18-14	759527	98.00	99.00	1.00	3.057	0.354	0.24
KAS-18-14	759528	99.00	99.90	0.90	3.090	6.87	0.43
KAS-18-14	759529	99.90	100.80	0.90	3.014	0.948	0.93
KAS-18-14	759531	100.80	101.70	0.90	3.007	8.42	1.52
KAS-18-14	759532	101.70	103.00	1.30	3.109	0.582	0.36
KAS-18-14	759533	103.00	104.00	1.00	3.035	0.746	0.42
KAS-18-14	759534	104.00	105.00	1.00	3.173	0.538	0.26
KAS-18-14	759535	105.00	106.00	1.00	3.123	0.165	0.1
KAS-18-14	759536	106.00	107.50	1.50	3.075	0.015	0.08
KAS-18-14	759537	107.50	108.30	0.80	3.063	0.005	0.05
KAS-18-14	759538	108.30	109.30	1.00	3.123	0.06	0.66
KAS-18-14	759539	109.30	110.50	1.20	3.135	0.008	0.45
KAS-18-14	759540	110.50	112.00	1.50	3.179	0.008	0.27
KAS-18-14	759541	112.00	113.50	1.50	3.166	0.014	0.13
KAS-18-15	759542	20.00	21.00	1.00	2.744	0.011	0.29
KAS-18-15	759543	21.00	21.70	0.70	2.772	0.005	0.14



KAS-18-15	759544	21.70	22.80	1.10	2.799	0.009	0.08
KAS-18-15	759545	84.00	85.00	1.00	2.733	0.001	0.04
KAS-18-15	759546	85.00	85.90	0.90	2.745	0.001	0.08
KAS-18-15	759547	85.90	87.00	1.10	3.047	0.005	0.11
KAS-18-15	759548	87.00	88.00	1.00	3.010	0.001	0.06
KAS-18-15	759549	88.00	89.50	1.50	3.011	0.001	0.04
KAS-18-15	759550	89.50	91.00	1.50	3.007	0.001	0.08
KAS-18-15	759552	91.00	92.50	1.50	3.052	0.001	0.2
KAS-18-15	759553	92.50	94.00	1.50	3.041	0.006	0.1
KAS-18-15	759554	94.00	95.50	1.50	3.022	0.001	0.42
KAS-18-15	759556	95.50	97.00	1.50	2.993	0.001	0.07
KAS-18-15	759557	97.00	98.50	1.50	3.024	0.001	0.08
KAS-18-15	759558	98.50	100.00	1.50	3.029	0.001	0.18
KAS-18-15	759559	100.00	101.50	1.50	3.034	0.005	0.08
KAS-18-15	759561	101.50	103.00	1.50	3.057	0.009	0.03
KAS-18-15	759562	103.00	103.90	0.90	2.565	0.005	0.21
KAS-18-15	759563	103.90	104.80	0.90	3.059	0.001	0.1
KAS-18-15	759564	104.80	105.80	1.00	3.055	0.01	0.64
KAS-18-15	759565	105.80	106.80	1.00	3.075	0.005	0.08
KAS-18-15	759566	106.80	107.80	1.00	3.071	0.014	0.03
KAS-18-15	759567	107.80	108.70	0.90	3.093	0.001	0.1
KAS-18-15	759568	108.70	109.60	0.90	3.070	0.001	0.02
KAS-18-15	759569	109.60	110.50	0.90	3.010	0.014	0.11
KAS-18-15	759570	110.50	111.50	1.00	3.003	0.018	0.07
KAS-18-15	759571	111.50	112.50	1.00	3.068	0.069	0.1
KAS-18-15	759572	112.50	113.50	1.00	3.037	0.013	0.1
KAS-18-15	759573	113.50	114.50	1.00	2.654	3.83	1.31
KAS-18-15	759575	114.50	115.50	1.00	3.007	0.998	0.52
KAS-18-15	759577	115.50	116.50	1.00	2.977	0.714	0.57
KAS-18-15	759578	116.50	117.50	1.00	3.053	0.217	0.32
KAS-18-15	759579	117.50	118.50	1.00	3.030	1.62	1.15
KAS-18-15	759581	118.50	119.50	1.00	3.125	0.346	0.44
KAS-18-15	759582	119.50	120.10	0.60	2.890	0.673	1.15
KAS-18-15	759583	120.10	121.10	1.00	3.048	1.77	0.93
KAS-18-15	759584	121.10	122.20	1.10	3.079	1.26	0.57
KAS-18-15	759586	122.10	123.10	1.00	3.126	0.437	0.48
KAS-18-15	759587	123.10	124.10	1.00	3.120	3.02	1.05
KAS-18-15	759588	124.10	125.50	1.40	3.170	0.012	0.01



KAS-18-15	759589	125.50	127.00	1.50	2.857	0.005	0.01
KAS-18-15	759590	127.00	128.00	1.00	3.022	0.046	0.06
KAS-18-15	759591	128.00	128.80	0.80	3.118	0.001	0.21
KAS-18-15	759592	128.80	129.60	0.80	3.109	0.013	0.2
KAS-18-15	759593	129.60	130.10	0.50	3.048	0.001	0.11
KAS-18-15	759594	130.10	131.30	1.20	3.113	0.001	0.27
KAS-18-15	759595	131.30	132.50	1.20	3.138	0.006	0.12
KAS-18-15	759596	132.50	133.00	0.50	2.994	0.001	0.17
KAS-18-15	759597	133.00	134.50	1.50	3.100	0.019	0.1



About Ardiden Ltd

Ardiden Limited (ASX: ADV) is an emerging international diversified exploration and development company possessing a mature multielement asset portfolio, with a near term development pipeline, focused quality projects located in the established mining jurisdiction of Ontario, Canada.

The 100%-owned Seymour Lake Lithium Project comprises 16,654 Ha of mining claims and has over 4,000m of historic drilling. Mineralisation is hosted in extensive outcropping spodumene-bearing pegmatite structures with widths up to 26.13m and grades of up to 6.0% Li_2O . These high-grade pegmatite structures have been defined over a 5km strike length.

The 100%-owned Wisa Lake Lithium project is located 80km east of Fort Frances, in Ontario, Canada and only 8km north of the Minnesota/US border. The property is connected to Highway 11 (Trans-Canada), which is located 65km north via an all-weather road that crosses the centre of the project. The Wisa Lake Lithium Project consists of five claims (1,200 hectares) and covers the historical drilling location of the North Zone. Ardiden is aiming to commence a limited drill program to drill test and verify the historical lithium results.

The Pickle Lake Gold Properties (under option to acquire 100%) are located within the prolific gold-producing Meen-Dempster Greenstone Belt of the Uchi Geological Sub-province of the Canadian Shield, in close proximity to several of the Company's existing projects and to the regional mining centre of Thunder Bay. The Properties consists of four separate gold properties offering both advanced development opportunities and early stage exploration. Over 25,000m of historical diamond drilling completed across the Pickle Lake Gold Properties, confirming the potential for multiple extensive gold mineralised zones at both Dorothy-Dobie Lake and Kasagiminnis Lake, with gold mineralisation remaining open along strike and at depth.

The 100%-owned Root Lake Lithium Project is located in Ontario, Canada. The project comprises 1,013 Ha of mining claims and has over 10,000m of historic drilling. Mineralisation is hosted in extensive outcropping spodumene-bearing pegmatite structures with widths up to 19m and grades of up to 5.10% Li2O. In addition, tantalum grades of up to 380 ppm were intersected.

The 100%-owned Root Bay lithium project is strategically located approximately 5km to the east of the recently acquired Root Lake Lithium Project and consists of three claim areas, totalling 720 hectares. The project was staked by Ardiden as part of its regional exploration focus in and around the Root Bay spodumene-bearing pegmatite.

Initial observations of the exposed pegmatite are characterized by coarse white albite, grey quartz and pale grey-green spodumene crystals up to 10cm long.

The 100%-owned Manitouwadge Flake Graphite Project covers an area 5,300 Ha and has a 20km strike length of EM anomalies with graphite prospectivity. Previous preliminary metallurgical test work indicated that up to 80% of the graphite at Manitouwadge is high value jumbo or large flake graphite. Test-work also indicated that simple, gravity and flotation beneficiation can produce graphite purity levels of up to 96.8% for jumbo flake and 96.8% for large flake. With the proven caustic bake process, ultra-high purity (>99.95%) graphite can be produced. The graphite can also be processed into high value expandable graphite, high quality graphene and graphene oxide.

The 100%-owned Bold Properties project is located approximately 50km north-east of the town of Mine Centre in Ontario, Canada. The property is connected to Highway 11 (Trans-Canada), which is located 25km south via an all-weather road. The Bold Property Project consists of four claims (1,024 hectares) and covers a number of anomalous sulphide zones. In 1992, Hexagon Gold (Ontario) Ltd. completed a total of 17 drill holes in multiple locations on and around the Bold Property Project at various depths of up to 428m down-hole. The nine grab samples that were collected by Hexagon in 1992 returned encouraging cobalt, copper and nickel grades, confirming the significant exploration potential.

All projects located in an established mining province, with good access to infrastructure (road, rail, power, phone and port facilitates) and local contractors and suppliers.

Competent Person's Statement

The information in this report that relates to exploration results for the Kasagiminnis Lake Property and is based on, and fairly represents, information and supporting geological information and documentation in this report has been reviewed by Mr Robert Chataway who is a member of the Association of Professional Geologists of Ontario. Mr Chataway is not a full-time employee of the Company. Mr Chataway is employed as a Consultant Geologist. Mr Chataway has more than five years relevant exploration experience and qualifies as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Chataway consents to the inclusion of the information in this report in the form and context in which it appears.

Forward Looking Statement

This announcement may contain some references to forecasts, estimates, assumptions and other forward-looking statements. Although the company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. All references to dollars (\$) and cents in this presentation are to Australian currency, unless otherwise stated. Investors should make and rely upon their own enquires and assessments before deciding to acquire or deal in the Company's securities.

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data for the Kasagiminnis Lake Gold Property

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	 Samples from the Kasagiminnis property have been derived from diamond drill core. The core has been logged, cut and sampled by qualified personnel to industry best practise and samples submitted to Actlabs in Ontario, a reputable and certified facility. Prior to shipping, all samples were routinely subjected to wet/dry weight SG determination by Ardiden Ltd. personnel and geological comments on each sample documented. The entire half-core sample was used in this process. All samples received by Actlabs were crushed to 80% passing 10mm. This was then riffle split to a 350g charge which was pulverised to 90% passing 150 micron. A 30g subsample was then subject to Fire Assay for Au, Pt through an inductively coupled plasma optical emission spectrometry (ICP-OES) technique. Another 0.5g subsample is subjected to an Aqua Regia digest and ICP for Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Te, Ti, Tl, U, V, W, Y, Zn and Zr. A 0.2g subsample is subjected to Infra-Red analysis in an induction furnace to determine S content. Lab SG determinations were made at a rate of 1 in 50 as a check against the values derived by Ardiden Ltd These techniques are considered appropriate for the

Criteria	JORC Code explanation	Commentary
		mineralisation expected at the Kasagiminnis Property. 2011 Manicouagan Minerals Inc. Sampling and Assays Nine holes (KAS-11-01 to KAS-11-14) totalling 2024 metres were drilled to test a 400 metre interval along the 1,300 metre long gold bearing zone (the Kasagiminnis Gold Zone). A total of 2880 samples representing a combined length of 572.19 metres were collected for gold assay. A selection of core samples were sawed, while all of the other samples were split. Sampling lengths ranged from 0.4 to 2.4 metres and averaged 1.0 metre. Samples collected were individually bagged and labeled; individually bagged samples were then put into rice bags for shipping to Accurassay Laboratories in Thunder Bay. The samples were first analysed using standard fire assay procedures with an AA/ICP finish. Assay results greater than 2.50 gram per tonne were rerun using a gravimetric finish. These techniques are considered appropriate for the mineralisation expected at the Kasagiminnis Property.
		 Other Sampling and Assays Ardiden Ltd. is unable to verify the sampling techniques previously used on the Pickle Lake Gold Properties. All reference to historical drilling results at the Kasagiminnis Lake gold deposits were sourced from publicly available documents and are to be considered from a historical point of view and not be relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section

Criteria	JORC Code explanation	Commentary
Criteria	JORC Code explanation	is not necessarily indicative of the mineralization on the property that is the subject of this report. Sources included: Technical Report on Three Gold Exploration Properties Pickle Lake Area, Ontario, Canada, for Manicouagan Minerals Inc., G.A. Harron, P.Eng., G.A. Harron & Associates Inc., October 13, 2009; Manicouagan Minerals Inc. Work Report of 2009 Diamond Drilling Program Dorothy-Dobie Lake Project Pickle Lake Area, Ontario, Bruce W. Mackie P.Geo., Bruce Mackie Geological Consulting Services, 30 December 2009; Manicouagan Minerals Inc. Work Report of 2011 Phase One and Two Diamond Drilling Programs Kasagiminnis Lake Project Pickle Lake Area, Ontario, Bruce W. Mackie P.Geo., Bruce Mackie Geological Consulting Services, October 2011; Blackburn, C.E., Hailstone, M.R., Parker, J. and Story, C.C., 1989, Kenora Resident Geologist's Report – 1988; p. 3-46 in Report of Activities 1988, Resident Geologists edited by K.G. Fenwick, P.E. Giblin and A.E. Pitts, Ont. Geol. Surtv, MP 142, 391 p; Seim, G.W., 1993, Mineral Deposits of the Central Portion of the Uchi Subprovince, Vol. 1, Meen Lake to Kasagiminnis Lake Portion, Ont. Geol. Surv. OFR 5869, 390p;
		 the Trillium North Minerals Ltd. Summer 2007 Dorothy Dobie Property Diamond Drill Program Dobie Lake, Meen Lake and Kawashe Lake Areas Patricia Mining District Ontario, Caitlin Jeffs, P.Geo. Fladgate
		Exploration Consulting Corporation, 12 Jun 2008; and White Metal Resources Corporate Presentation, January

Criteria	JORC Code explanation	Commentary
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	2017. 2018 Ardiden Ltd. Drilling All samples and geological information has been derived from diamond core using standard equipment of BTW size (41.3mm diameter) The holes were completed by Forage M3 Drilling of Ontario in 2018 The core was unoriented 2011 Manicouagan Minerals Inc. Drilling All samples and geological information has been derived from
		 diamond core using standard equipment of BTW size (41.3mm diameter) The holes were completed by Cartwright Diamond Drilling Company of Newfoundland in 2011 The core was unoriented Other Historical Drilling Ardiden Ltd. is unable to verify the drilling techniques used on Pickle Lake Gold Properties. All reference to historical diamond drilling
		 results were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report. Sources included: Technical Report on Three Gold Exploration Properties Pickle Lake Area, Ontario, Canada, for Manicouagan Minerals Inc. G.A. Harron, P. Eng. G.A. Harron &
		Pickle Lake Area, Ontario, Canada, for Manicouagan Minerals Inc., G.A. Harron, P.Eng., G.A. Harron & Associates Inc., October 13, 2009;

Criteria	JORC Code explanation	Commentary
		 Manicouagan Minerals Inc. Work Report of 2009 Diamond Drilling Program Dorothy-Dobie Lake Project Pickle Lake Area, Ontario, Bruce W. Mackie P.Geo., Bruce Mackie Geological Consulting Services, 30 December 2009;
		 Manicouagan Minerals Inc. Work Report of 2011 Phase One and Two Diamond Drilling Programs Kasagiminnis Lake Project Pickle Lake Area, Ontario, Bruce W. Mackie P.Geo., Bruce Mackie Geological Consulting Services, October 2011;
		 Blackburn, C.E., Hailstone, M.R., Parker, J. and Story, C.C., 1989, Kenora Resident Geologist's Report – 1988; p. 3-46 in Report of Activities 1988, Resident Geologists edited by K.G. Fenwick, P.E. Giblin and A.E. Pitts, Ont. Geol. Surty, MP 142, 391 p;
		 Seim, G.W., 1993, Mineral Deposits of the Central Portion of the Uchi Subprovince, Vol. 1, Meen Lake to Kasagiminnis Lake Portion, Ont. Geol. Surv. OFR 5869, 390p;
		 the Trillium North Minerals Ltd. Summer 2007 Dorothy Dobie Property Diamond Drill Program Dobie Lake, Meen Lake and Kawashe Lake Areas Patricia Mining District Ontario, Caitlin Jeffs, P.Geo. Fladgate Exploration Consulting Corporation, 12 Jun 2008; and
		 White Metal Resources Corporate Presentation, January 2017.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential 	 2018 Ardiden Ltd. Drill Sample Recovery All drill core was measured and compared to actual drilled depths on a run-by-run basis to determine core recovery and Rockmass Quality Data (RQD). Recoveries to date have averaged higher than 99.9% with the only loss of material coming from the overburden.

Criteria	JORC Code explanation	Commentary
Criteria	JORC Code explanation loss/gain of fine/coarse material.	This horizon is not considered prospective for Ardiden Ltd.'s purposes. Core recovery through the mineralised zones is 100%. 2011 Manicouagan Minerals Inc. Drill Sample Recovery Core recovery for the program was not reported Only one section of poor recovery was documented in hole KAS-11-01 from 67.6m to 70.15m which was not in the mineralised zone. Other Historical Drill Sample Recovery Ardiden Ltd. is unable to verify the drilling sample techniques used on Pickle Lake Gold Properties. All reference to historical drilling results were sourced from publicly available documents and are to
		 be considered from a historical point of view and not relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report. Sources included: Technical Report on Three Gold Exploration Properties Pickle Lake Area, Ontario, Canada, for Manicouagan Minerals Inc., G.A. Harron, P.Eng., G.A. Harron & Associates Inc., October 13, 2009; Manicouagan Minerals Inc. Work Report of 2009 Diamond Drilling Program Dorothy-Dobie Lake Project Pickle Lake Area, Ontario, Bruce W. Mackie P.Geo., Bruce Mackie Geological Consulting Services, 30 December 2009; Manicouagan Minerals Inc. Work Report of 2011 Phase

Criteria	JORC Code explanation	Commentary
		One and Two Diamond Drilling Programs Kasagiminnis Lake Project Pickle Lake Area, Ontario, Bruce W. Mackie P.Geo., Bruce Mackie Geological Consulting Services, October 2011; Blackburn, C.E., Hailstone, M.R., Parker, J. and Story, C.C., 1989, Kenora Resident Geologist's Report – 1988; p. 3-46 in Report of Activities 1988, Resident Geologists edited by K.G. Fenwick, P.E. Giblin and A.E. Pitts, Ont. Geol. Surtv, MP 142, 391 p; Seim, G.W., 1993, Mineral Deposits of the Central Portion of the Uchi Subprovince, Vol. 1, Meen Lake to Kasagiminnis Lake Portion, Ont. Geol. Surv. OFR 5869, 390p; the Trillium North Minerals Ltd. Summer 2007 Dorothy Dobie Property Diamond Drill Program Dobie Lake, Meen Lake and Kawashe Lake Areas Patricia Mining District Ontario, Caitlin Jeffs, P.Geo. Fladgate Exploration Consulting Corporation, 12 Jun 2008; and White Metal Resources Corporate Presentation, January 2017.
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 2018 Ardiden Ltd. Diamond Core Logging All diamond core has been marked up, inspected and logged by suitably trained and qualified personnel. Logging detail includes Depth, Hole Orientation, Lithology, Alteration, Veining, Mineralogy, Mineralised Zonation, RQD, Magnetic Susceptibility and Structure. These methods involve a combination of both qualitative and quantitative determinations. Auditing of this data will be performed by external parties prior to use in Mineral Resource determinations. All data generated is considered adequate for Mineral Resource

Criteria	JORC Code explanation	Commentary
		 determinations at this time subject to the above audit taking place. 2011 Manicouagan Minerals Inc. Diamond Core Logging All diamond core was marked up, inspected and logged by suitably trained and qualified personnel. Lithologies were described in sufficient detail so as a favourable direct comparison could be made with the 2018 drilling to confirm the historical geology
		 Other Historical Diamond Core Logging Ardiden Ltd. is unable to verify the drill core logging completed on Pickle Lake Gold Properties. All reference to historical drilling results were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report.
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. 	 2018 Ardiden Ltd. Sampling All samples have been derived from BTW diamond core and have been cut in half or quartered using a standard brick saw. Foliation is aligned perpendicular to the cut. This technique is considered appropriate for the mineralisation historically observed at the Kasagiminnis Lake Property. Field duplicates (half-core cut in half again) have been submitted to the lab at a rate of 1 in 50 to evaluate the sampling technique as per standard industry practise. Ardiden Ltd. has retained and stored all remaining half-core samples

Criteria	JORC Code explanation	Commentary
	Whether sample sizes are appropriate to the grain size of the material being sampled.	for future reference/use.
		2011 Manicouagan Minerals Inc. Sampling
		A total of 472 samples representing a combined length of 458.2 metres were collected for gold assay.
		 A selection of core samples were sawed, while all of the other samples were split. This method is considered adequate for the mineralisation historically observed at the Kasagiminnis Lake Property.
		 Sampling lengths ranged from 0.4 to 1.8 metres and averaged ~1.0 metres.
		No field duplicates were recorded as taken.
		Other Historical Sampling
		Ardiden Ltd. is unable to verify the sampling techniques used on Pickle Lake Gold Properties.
		All reference to historical drilling results were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon.
		 Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report.
Quality of	The nature, quality and appropriateness of the assaying and	2018 Ardiden Ltd. QAQC
assay data	laboratory procedures used and whether the technique is considered partial or total.	A lab audit of Actlabs, Ontario will be conducted in the near future
and	 For geophysical tools, spectrometers, handheld XRF instruments, etc, 	by Ardiden Ltd. personnel and/or external consultants. Actlabs is a
laboratory	the parameters used in determining the analysis including instrument	 certified lab and subject to its own internal QAQC processes. Actlabs digest processes are considered total and appropriate for
tests	make and model, reading times, calibrations factors applied and their derivation, etc.	this style of mineralisation.

Criteria	JORC Code explanation	Commentary
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	 Ardiden Ltd. determined SG values have been derived from whole-sample wet/dry weights using a suitable set of electronic scales as per industry standard practise. Field duplicates have been derived at a rate of 1 in 50 samples. Certified Au Standards and Blanks have been inserted into the sample stream at a rate of 1 in 25. Until assays are received no quantitative analysis of QAQC results can be determined. No bias from the sampling and assay techniques employed is expected. Actlabs is subject to its own internal QAQC determinations. A duplicate sample is generated for <i>crushed</i> samples at a rate of 1 in 50. Another duplicate for <i>pulverised</i> samples is generated at a rate of 1 in 30. Lab instruments are calibrated every 45 samples. Lab blanks (x2), certified reference materials (x2) and sample duplicates (x3) are analysed within every 42 samples in the batch tray.
		 2011 Manicouagan Minerals Inc. QAQC Actlabs digest processes are considered total and appropriate for this style of mineralisation. Certified Au Standards and Blanks were inserted into the sample stream at a rate of 1 in 25. Ardiden has viewed the results and they are considered acceptable. No bias from the sampling and assay techniques employed is expected. Actlabs is subject to its own internal QAQC determinations. A duplicate sample is generated for crushed samples at a rate of 1 in 50. Another duplicate for pulverised samples is generated at a rate of 1 in 30. Ardiden has viewed the results and they are considered acceptable.

Criteria	JORC Code explanation	Commentary
verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Other Historical QAQC Ardiden Ltd. is unable to verify the assay techniques used on Pickle Lake Gold Properties. All assay results reported are historical and were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report 2018 Ardiden Ltd. Sample Verification Significant intersection assays, widths and calculations are verified by external consultants in both Canada and Australia. Twinned holes have not been employed as a check to the current program at this stage. All data is electronically logged in Excel and stored in a dropbox. A master copy of this data exists on the Ardiden Ltd. server in Australia. The data is imported into Micromine software for visual checks and database validation Grades for significant intersections are calculated on length and SG weighted averages. 2011 Manicouagan Minerals Inc. Sample Verification Significant intersection assays, widths and calculations have been verified by external consultants after drilling and checks have been conducted by Ardiden Limited. This program drilled close to but did not twin earlier holes.

Criteria	JORC Code explanation	Commentary
		 Ardidens 2018 drilling drilled close to but did not twin earlier holes. All data was logged and then entered electronically into Gemcom software and the data retained by Manicouagan Minerals. Ardiden has received an electronic copy of this data from White Metals and has run it through validation checks.
		 Other Historical Sample Verification Ardiden Ltd. is unable to verify the assay techniques used on Pickle Lake Gold Properties. All assay results reported are historical and were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report.
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 2018 Ardiden Ltd. Sample Locations The current program of drilling is subject to suitable location and orientation techniques given the technically difficult nature of the location and magnetic lithologies. Initially, hole locations have been placed in NAD83-15 using a handheld GPS and notes have been recorded on how these locations relate to existing holes and clearing. A DGPS was employed at the end of the program to survey Ardiden Ltd.'s recent drill collars and also existing historical collars in the immediate area. The drill rig was aligned to planned azimuth using a Reflex Northfinder APS, a true-north seeking gyro prior to collaring. A second APS reading was taken after collaring and applied to the first survey of the hole as minor deviation when collaring through glacial

Criteria	JORC Code explanation	Commentary
		 bownhole surveys were conducted using a Reflex multishot digital camera. This instrument records dip, magnetic azimuth, roll, temperature and magnetism. Surveys generally became magnetically affected by the mineralisation host rock after the third or fourth survey and on other occasions no effect was observed. By this time it was possible to use the APS bearing and first couple of hole surveys to predict the azimuth of the hole trace accurately given the history of drilling in the area. Dip readings are not affected by magnetism. Surveys were all calculated to UTM (Grid North) taking into account magnetic declination (2018 Canadian Geological Survey Model model) and grid convergence at Kasagiminnis.
		 2011 Manicouagan Minerals Inc. Sample Locations Drill hole collars were spotted using a hand held GPS device in NAD83-15. The holes were aligned using a Silva Compass. In 2018 Ardiden located and surveyed using a DGPS the following holes; KAS-11-04 to KAS-11-09; KAS-11-12 and KAS-11-13. Downhole surveys were accomplished using a magnetic downhole camera, the make of which cannot be verified. Ardiden has reviewed the camera shots and minor adjustments have been made to downhole magnetic readings to better approximate normal deviation observed at Kasagiminnis in both historical and the 2018 Ardiden drilling.
		 Other Historical Sample Locations Ardiden Ltd. is unable to verify the location of the data points used on Pickle Lake Gold Properties. All drill locations reported are historical and were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon.

Criteria	JORC Code explanation	Commentary
		 Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 The current program is testing to determine the parameters required to meet this criteria sufficiently should a Mineral Resource calculation be a future outcome toward which more drilling will be conducted. Character sample lengths have been determined based on Lithology and sulphide content. There is historically a positive correlation between gold and pyrrhotite replacement of magnetite. Maximum sample widths were set at 1.5m with a minimum sample width of 0.5m required to meet lab sample charge requirements. No sample composites have been created. 2011 Manicouagan Minerals Inc. Data Points Sampling lengths ranged from 0.4 to 1.8 metres and averaged ~1.0 metre. Hole spacing was close enough to demonstrate continuity of mineralisation only on a broad scale. No sample composites were created.
		 Other Historical Data Points Ardiden Ltd. is unable to verify the spacing and distribution of the data points used on Pickle Lake Gold Properties. All drill data reported are historical and were sourced from publicly available documents and are to be considered from a historical point of view and not relied upon.

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		 Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report.
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 Due to the difficulty in mobilising and moving drill rigs at Kasagiminnis, a series of holes are generally drilled from one location. Both dip and azimuth changes are performed. Thus it will be rare that any drill hole will intersect the mineralisation in a purely perpendicular manner. 3D modelling of the intersections will allow for accurate true width calculations and true horizontal widths will be quoted with any assayed intersections. Sections with a scale will be shown with drill results to enable visual true width comparison. There is no expected assay bias resulting from the orientation of drilling due to the nature of mineralisation observed at the Kasagiminnis Lake Property.
		 2011 Manicouagan Minerals Inc. Drilling The 2011 drilling followed a similar approach to the 2018 Ardiden drilling, essentially intersecting mineralisation perpendicular to strike but ad varying degrees of dip. 3D modelling of the intersections will allow for accurate true width calculations and true horizontal widths will be quoted with any assayed intersections. Sections with a scale will be shown with drill results to enable visual true width comparison. There is no expected assay bias resulting from the orientation of

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		drilling due to the nature of mineralisation observed at the Kasagiminnis Lake Property. Other Historical Sampling Ardiden Ltd. is unable to verify the orientation of the data in relation to the geology on Pickle Lake Gold Properties. All drill data reported are historical and were sourced from publicly available documents and are to be considered from a historical point
		 of view and not relied upon. Ardiden Ltd. views this historical data as a conceptual indication of the potential size and grade of the gold deposits in the area, and this data is relevant to ongoing exploration efforts. The reader is further cautioned that the information in this section is not necessarily indicative of the mineralization on the property that is the subject of this report.
Sample security	The measures taken to ensure sample security.	 2018 Ardiden Ltd. Chain of Custody Samples are kept on location until a hole is fully sampled. The samples are then taken directly to the lab by Ardiden Ltd. personnel without the use of any intermediaries. 2011 Manicouagan Minerals Inc. Chain of Custody Samples collected were individually bagged and labelled; individually bagged samples were then put into rice bags for shipping to Accurassay Laboratories in Thunder Bay.
		 Other Historical Chain of Custody Ardiden Ltd. is unable to verify the security of historical data.

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Audits or reviews	The results of any audits or reviews of sampling techniques and data.	 A full sample review was conducted prior to writing sampling, logging and QAQC procedures to be implemented for any future drilling. These procedures were then used for the current program and supervised internally by Ardiden Ltd. personnel in charge of the due-diligence program. The receipt of assay results will enable checks to be performed and conclusions to be drawn.