



Final Plan – W2017C0005

January 2025

Diagras Property

District of MacKenzie

Hardy Lake Area, Northwest Territories, Canada

Arctic Star Exploration Corp.
#1100 – 1111 Melville Street
Vancouver, BC, V6E 3V6

Submitted: January 2025
Authored By: Dave Kelsch

Permit Security

Arctic Star Exploration Corp. requests that **\$56,845.08** of the existing security under W2017C0005 be transferred to the new permit W2024C0007 to fulfil Condition #39 – Security Deposit. Arctic Star requests that the remaining excess security of **\$10,031.48** from permit W2017C0005 be refunded upon acceptance of this Final Plan and closure of the permit.

Background and Overview

Arctic Star Exploration Corp. is a junior exploration company that has been involved in diamond exploration in the Northwest Territories since its incorporation in 2001. Members of the Company's exploration team were involved in the original Diavik Diamond Mine discovery in the 1990s and have remained active diamond explorers in Canada's north and around the globe since then. Arctic Star has a long track record for using international best practices for social and environmental stewardship.

The Diagas property, which is the subject of this Final Report, is a joint venture partnership between Arctic Star (81.5% / operator) and a privately held company (18.5%). The Diagas project is located on, and immediately south of Hardy Lake approximately 40 kilometers ("km") northeast of the Diavik diamond mine and 40 km east of the Ekati diamond mine in the Northwest Territories between Lac du Sauvage and Pellatt Lake. Please refer to the location maps below.

The Diagas project area has been subject to decades of diamond exploration work by previous explorers dating back to 1992 when DeBeers Canada Inc. held claims known as the Hardy Lake property. In 2004 DeBeers entered into a joint venture partnership agreement with Majescor Resources Inc. to explore the claims together. This partnership continued for two years. In 2014 DeBeers allowed the claims to lapse. The earlier work performed by DeBeers / Majescor resulted in the discovery of many kimberlites, some of which contain diamond, although none had demonstrated economic quantities. This earlier work included prospecting, mapping, airborne and ground geophysics, till sampling as well as exploration drilling.

In 2014 Arctic Star Exploration Corp. recognized the claims had lapsed and proceeded to stake 62 claims (54,000 hectares) covering much of the old Hardy Lake property. In November 2016 Arctic Star entered into an agreement with Margaret Lake Diamonds Inc. to jointly explore the property. The project was subsequently named the Diagas project. Over the years some claims have been allowed to lapse while others have been added. In 2024 Margaret Lake Diamonds sold their interest in the project to a private company.

The Arctic – Margaret partnership conducted exploration programs in the 2017, 2018, 2019, 2021 and 2022 winter seasons. In winter 2021 the first core drill program was executed which resulted in the discovery of 5 new kimberlite, all of which contained diamond. In winter 2022 a second follow-up core drill program was conducted to collect additional samples from the Sequoia kimberlite discovered in 2021. An additional new kimberlite was also discovered. The results from this work were also encouraging and additional exploration work is warranted. A lack of funding caused no work to be conducted in 2023 or 2024.

Activities conducted under Land Use Permit W2017C0005 included establishment of a temporary exploration camp, ground and airborne geophysical surveys and diamond drilling of 17 holes, the majority of which were ice-based (see maps and tables below for locations).

The entire claim package currently comprising the Diagrass property related to permit W2017C0005 consists of 58 claims totaling an area of 48,354.95 hectares. A complete list of claims can be found in a table below.

Permit W2017C0005 was issued on 13 December 2017 and set to expire on 12 December 2022. Prior to this expiry date a 2-year extension was received pushing the expiry date to 12 December 2024. The location of the activities is contained within the area of 64°41'00"N and 109°37'00"W by 64°54'30"N and 110°01'00"W which also represents the claim boundary.

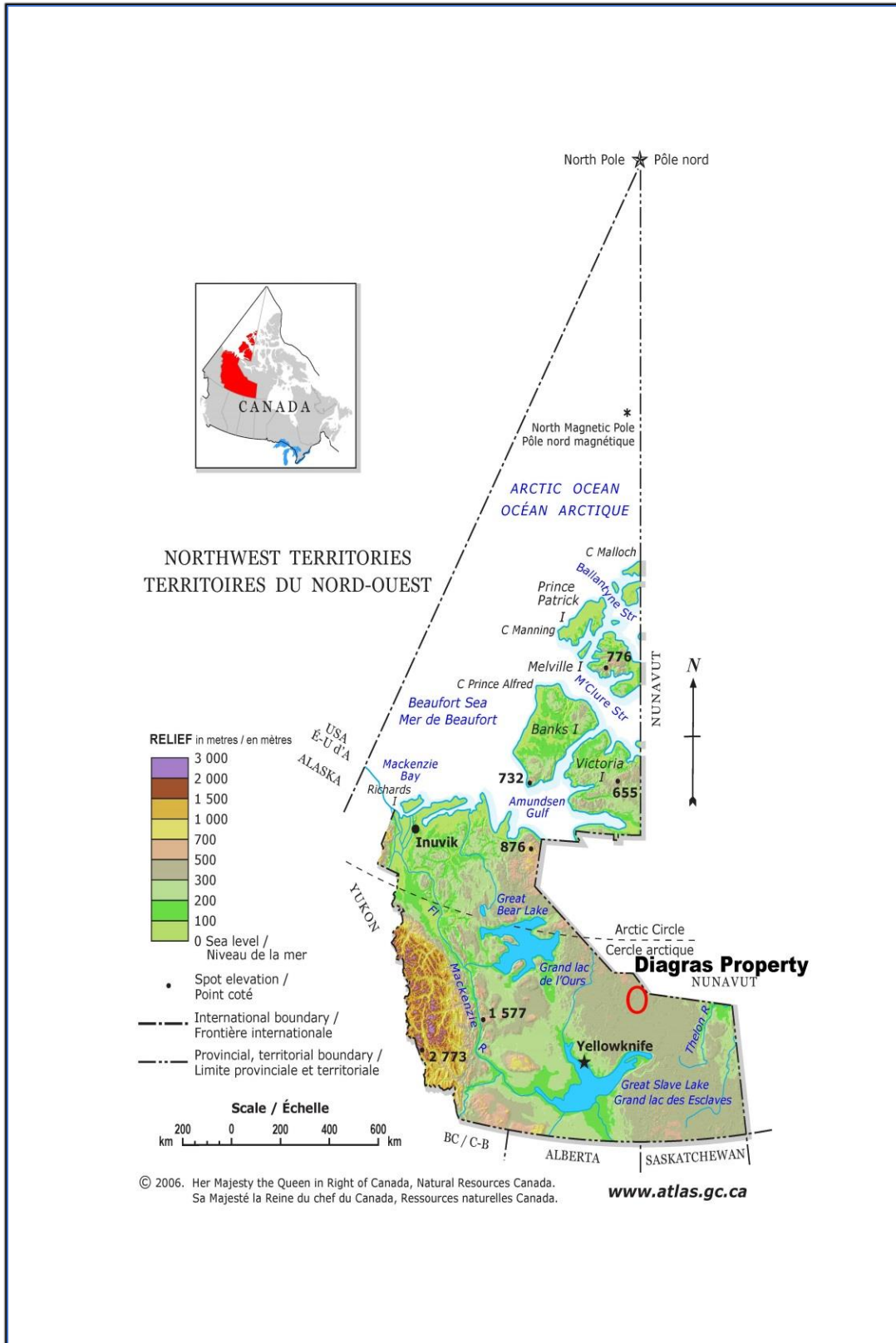


Figure 1: Regional Location of the Diagas Project

Land Usage - Summary

Land use activities included the establishment of a temporary exploration camp in winter 2021 to facilitate drilling activities in both 2021 and 2022. See maps below. The camp is currently in seasonal shutdown and the reclamation liability is transferred to the renewal permit W2024C0007. Geophysical work in 2017 was conducted from the Boyd Warner Camp on Contwoyto Lake. Geophysics in 2018 and 2019 were conducted from pop-up, Arctic Oven tent fly camps.

Drilling activity conducted under Land Use Permit W2017C0005 included 8 core holes in 2021, 6 of which were ice-based and 9 core holes in 2022 of which 6 were ice-based. Drill hole and sump locations can be found on maps and in tables below. Drilling activities were conducted from 06April2021 – 16May2021 and 15April2022 – 03June2022. The ice-based holes had all equipment and detritus removed prior to thaw to fulfil reclamation requirements.

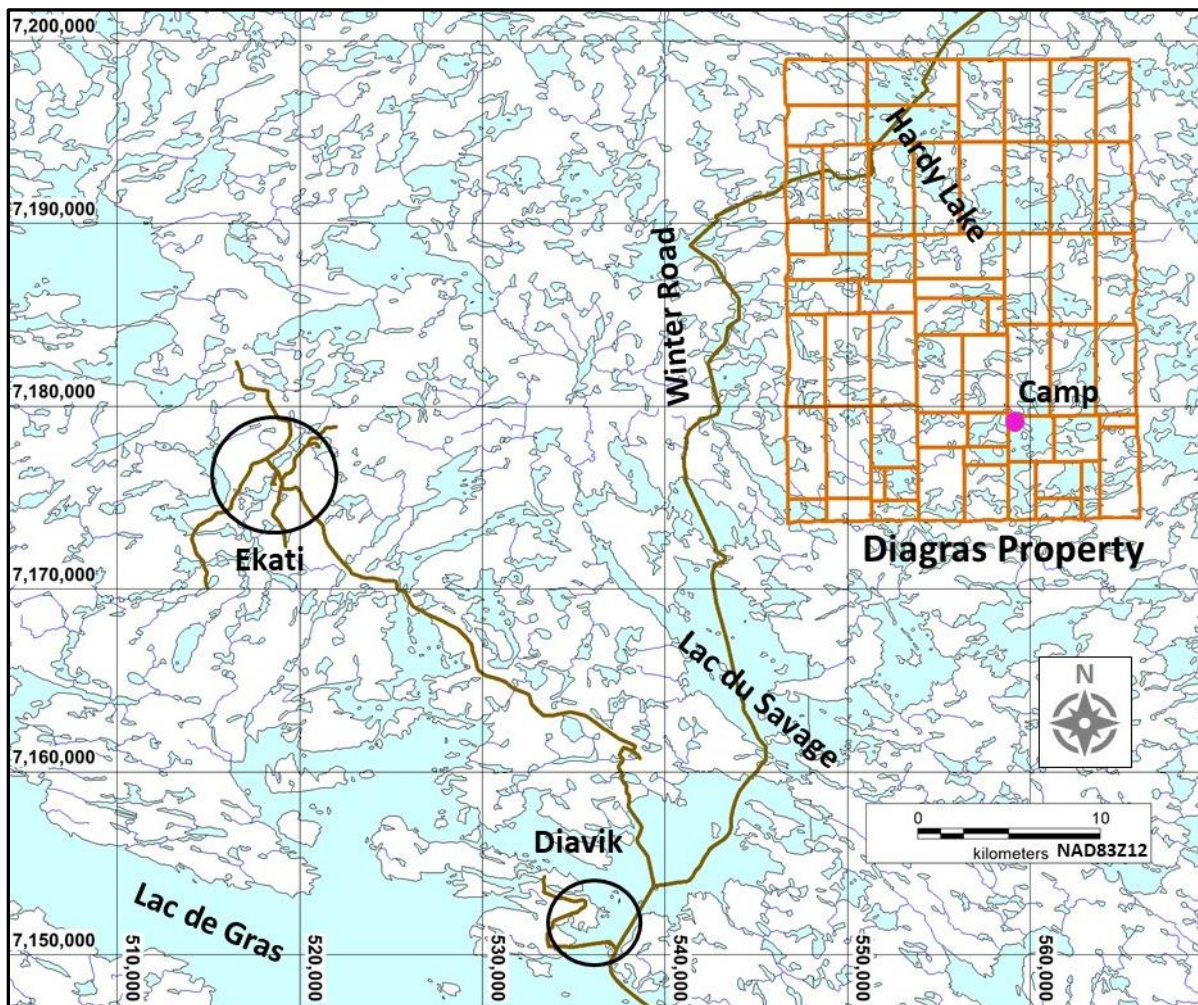


Figure 2 - Diagas Property, winter road and surrounds. UTM Zone 12 NAD83

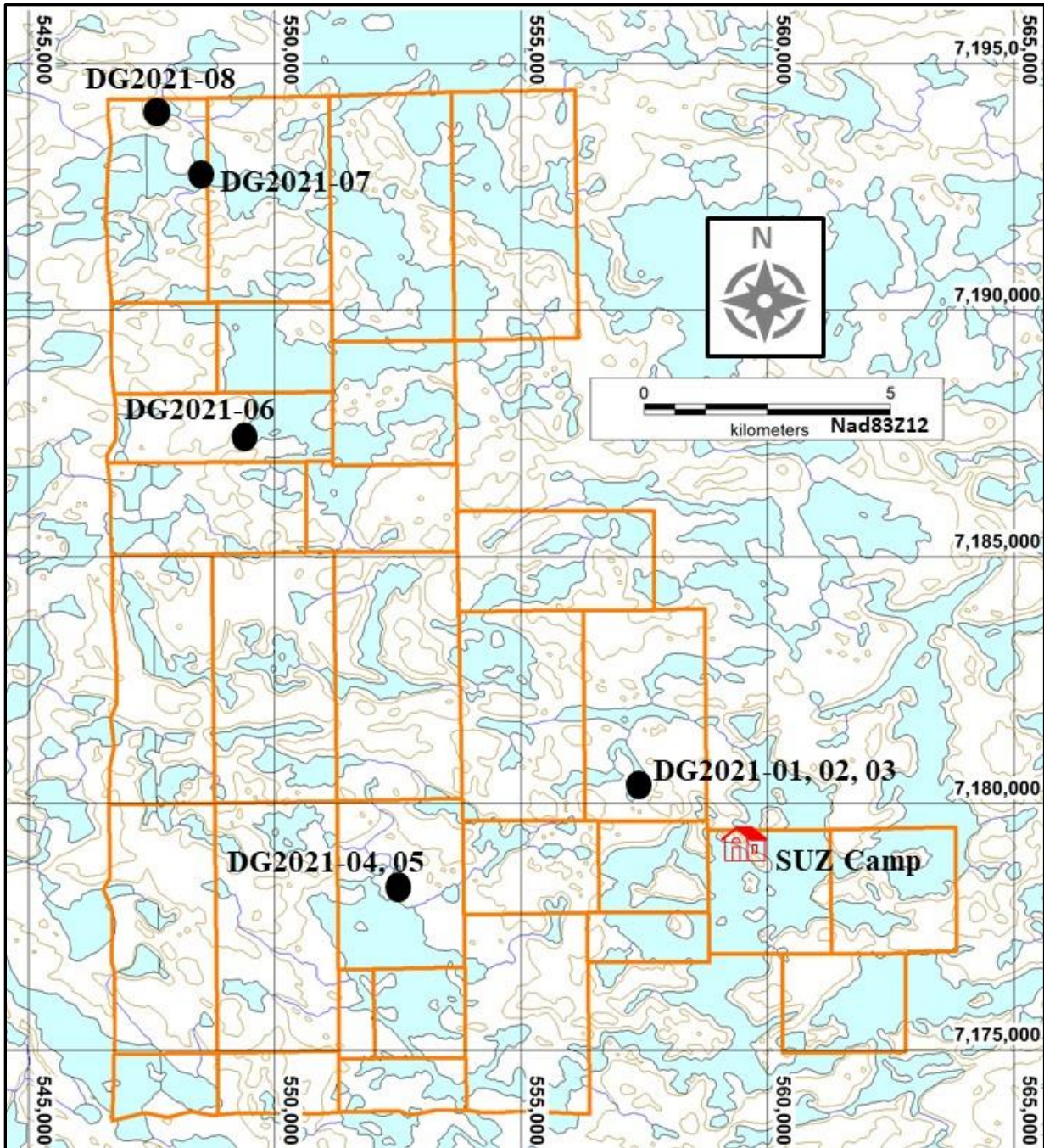


Figure 3 - Diagas property, drill hole locations 2021. UTM Zone 12 NAD83

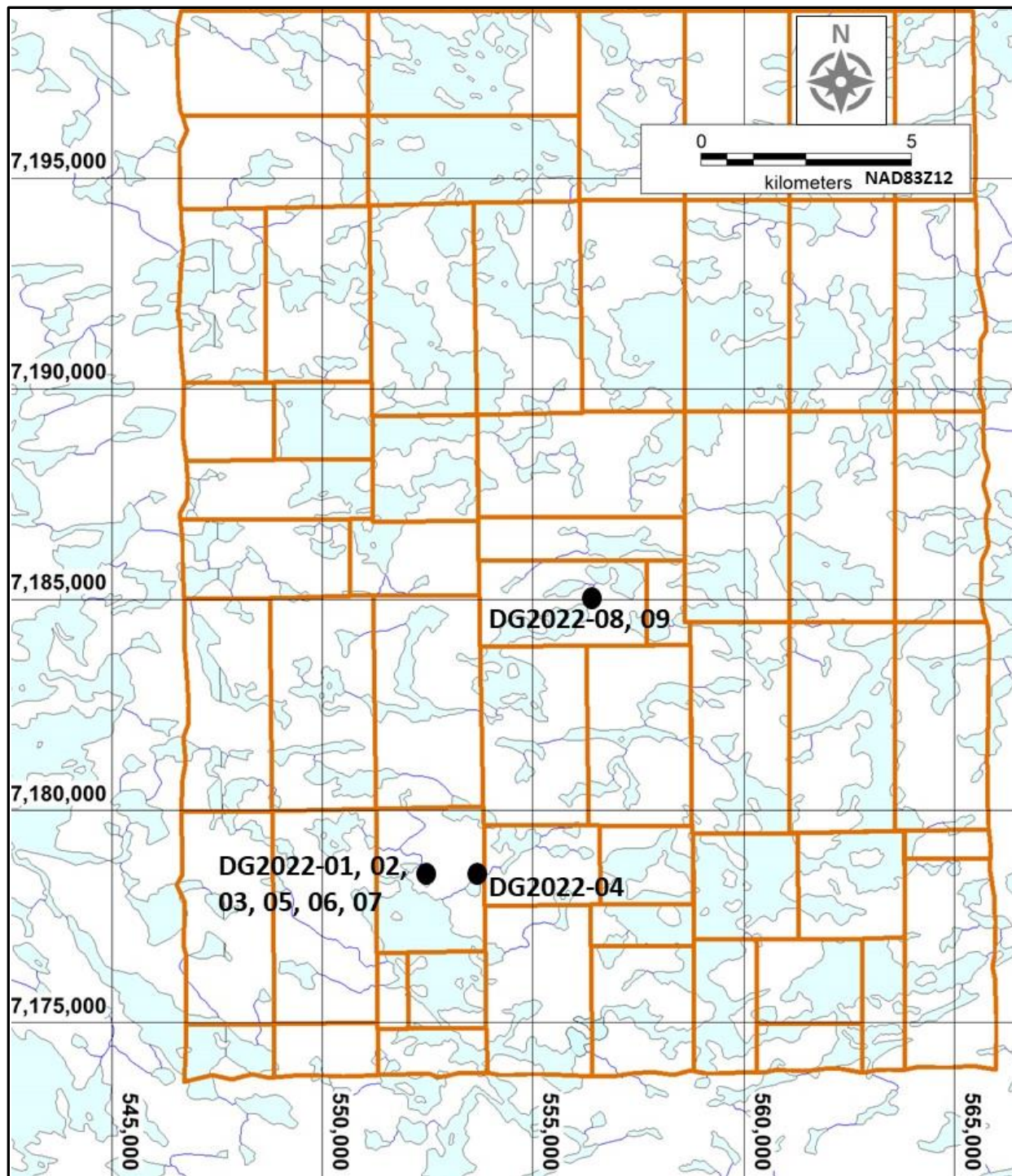


Figure 4 - Diagas property, drill hole locations 2022. UTM Zone 12 NAD83

Table A: Diagas Property Claims

Tenure #	Claim Name	Issue Date	Anniversary Date	Hectares	Claim Holder Name
K19740	HL 20	2014-08-13	2024-08-13 *	825.00	Arctic Star Exploration Corp.
K19741	HL 21	2014-08-13	2024-08-13 *	1,027.00	Arctic Star Exploration Corp.
K19742	HL 22	2014-08-13	2024-08-13 *	1,250.00	Arctic Star Exploration Corp.
K19743	HL 23	2014-08-13	2024-08-13 *	1,250.00	Arctic Star Exploration Corp.
K19757	HL 37	2014-08-13	2024-08-13 *	736.00	Arctic Star Exploration Corp.
K19758	HL 38	2014-08-13	2024-08-13 *	626.00	Arctic Star Exploration Corp.
K19760	HL 40	2014-08-13	2024-08-13 *	395.00	Arctic Star Exploration Corp.
K19761	HL 41	2014-08-13	2024-08-13 *	1,019.00	Arctic Star Exploration Corp.
K19762	HL 42	2014-08-13	2024-08-13 *	1,250.00	Arctic Star Exploration Corp.
K19763	HL 43	2014-08-13	2024-08-13 *	1,250.00	Arctic Star Exploration Corp.
K19764	HL 44	2014-08-13	2024-08-13 *	1,070.00	Arctic Star Exploration Corp.
K19765	HL 45	2014-08-13	2024-08-13 *	1,058.00	Arctic Star Exploration Corp.
K19770	HL 50	2014-08-13	2024-08-13 *	640.00	Arctic Star Exploration Corp.
K19771	HL 51	2014-08-13	2024-08-13 *	623.00	Arctic Star Exploration Corp.
K19773	HL 53	2014-08-13	2024-08-13 *	513.00	Arctic Star Exploration Corp.
K19774	HL 54	2014-08-13	2024-08-13 *	871.00	Arctic Star Exploration Corp.
K19775	HL 55	2014-08-13	2024-08-13 *	1,250.00	Arctic Star Exploration Corp.
K19776	HL 56	2014-08-13	2024-08-13 *	1,065.00	Arctic Star Exploration Corp.
K19777	HL 57	2014-08-13	2024-08-13 *	265.00	Arctic Star Exploration Corp.
K19778	HL 58	2014-08-13	2024-08-13 *	307.00	Arctic Star Exploration Corp.
K19779	HL 59	2014-08-13	2024-08-13 *	136.00	Arctic Star Exploration Corp.
K19780	HL 60	2014-08-13	2024-08-13 *	278.00	Arctic Star Exploration Corp.
K19781	HL 61	2014-08-13	2024-08-13 *	995.00	Arctic Star Exploration Corp.
M10386	HLD1	2018-07-17	2028-07-17	336.00	Arctic Star Exploration Corp.
M10387	HLD2	2018-07-17	2028-07-17	500.00	Arctic Star Exploration Corp.
M10388	HLD3	2018-07-17	2028-07-17	250.00	Arctic Star Exploration Corp.
M10389	HLD4	2018-07-17	2028-07-17	409.00	Arctic Star Exploration Corp.
M10390	HLD5	2018-07-17	2028-07-17	800.00	Arctic Star Exploration Corp.
M10400	HLD6	2018-07-17	2028-07-17	625.00	Arctic Star Exploration Corp.
M10478	HLD7	2018-07-17	2028-07-17	548.00	Arctic Star Exploration Corp.
M10479	HLD8	2018-07-17	2028-07-17	428.00	Arctic Star Exploration Corp.
M10771	HLE01	2021-06-07	2023-06-07	1,250.00	Arctic Star Exploration Corp.
M10772	HLE02	2021-06-07	2023-06-07	1,250.00	Arctic Star Exploration Corp.
M10773	HLE03	2021-06-07	2023-06-07	1,250.00	Arctic Star Exploration Corp.
M10774	HLE04	2021-06-07	2023-06-07	935.03	Arctic Star Exploration Corp.
M10775	HLE05	2021-06-07	2031-06-07	1,250.00	Arctic Star Exploration Corp.
M10776	HLE06	2021-06-07	2023-06-07	1,027.23	Arctic Star Exploration Corp.

M10777	HLE07	2021-06-07	2031-06-07	1,130.45	Arctic Star Exploration Corp.
M10778	HLE08	2021-06-07	2031-06-07	966.15	Arctic Star Exploration Corp.
M10779	HLE09	2021-06-07	2028-06-07	1,250.00	Arctic Star Exploration Corp.
M10780	HLE10	2021-06-07	2028-06-07	1,250.00	Arctic Star Exploration Corp.
M10781	HLE11	2021-06-07	2023-06-07	1,003.17	Arctic Star Exploration Corp.
M10782	HLE12	2021-06-07	2023-06-07	1,233.36	Arctic Star Exploration Corp.
M10783	HLE13	2021-06-07	2031-06-07	1,250.00	Arctic Star Exploration Corp.
M10784	HLE14	2021-06-07	2031-06-07	1,250.00	Arctic Star Exploration Corp.
M10785	HLE15	2021-06-07	2023-06-07	1,059.29	Arctic Star Exploration Corp.
M10786	HLE16	2021-06-07	2028-06-07	859.42	Arctic Star Exploration Corp.
M10787	HLE17	2021-06-07	2026-06-07	867.37	Arctic Star Exploration Corp.
M10788	HLE18	2021-06-07	2031-06-07	1,239.99	Arctic Star Exploration Corp.
M10789	HLE19	2021-06-07	2031-06-07	1,081.28	Arctic Star Exploration Corp.
M10790	HLE20	2021-06-07	2031-06-07	1,173.10	Arctic Star Exploration Corp.
M10791	HLE21	2021-06-07	2031-06-07	183.73	Arctic Star Exploration Corp.
M10792	HLE22	2021-06-07	2031-06-07	1,047.57	Arctic Star Exploration Corp.
M10793	HLE23	2021-06-07	2031-06-07	138.22	Arctic Star Exploration Corp.
M10794	HLE24	2021-06-07	2031-06-07	322.58	Arctic Star Exploration Corp.
M10795	HLE25	2021-06-07	2031-06-07	276.87	Arctic Star Exploration Corp.
M10796	HLE26	2021-06-07	2031-06-07	469.67	Arctic Star Exploration Corp.
M10797	HLE27	2021-06-07	2031-06-07	736.47	Arctic Star Exploration Corp.
			* 1 Year Extension		
TOTAL	58			48,345.95	

Table B – Drill Hole and Sump Locations

	Ice	Hole Easting	Hole Northing	Sump Easting	Sump Northing
Hole ID	Water	East_NAD83Z12	North_NAD83Z12	East_NAD83Z12	North_NAD83Z12
DG 2021-01	Ice	557445	7180395	557565	7180512
DG 2021-02	Ice	557445	7180395	557565	7180512
DG 2021-03	Land	557550	7180471	557565	7180512
DG 2021-04	Ice	552481	7178522	552861	7178501
DG 2021-05	Land	552636	7178694	552861	7178501
DG 2021-06	Ice	549362	7187357	548935	7187137
DG 2021-07	Ice	548494	7192807	548255	7193027
DG 2021-08	Ice	547768	7193944	547837	7194430
DG 2022-01	Ice	552487	7178500	552259	7178557
DG 2022-02	Ice	552487	7178500	552259	7178557
DG 2022-03	Ice	552487	7178500	552259	7178557
DG 2022-04	Land	553399	7178372	553325	7178423

DG 2022-05	Ice	552530	7178590	552875	7178600
DG 2022-06	Ice	552530	7178590	552875	7178600
DG 2022-07	Ice	552530	7178590	552875	7178600
DG 2022-08	Land	556385	7184857	556456	7184810
DG 2022-09	Land	556385	7184857	556456	7184810

Land Use Fees

Table C – Land Use Locations, Usage Type and Area

Usage	Location	East_NAD83Z12	North_NAD83Z12	Area (ha)
DG 2021-01	Ice	557445	7180395	
DG 2021-02	Ice	557445	7180395	
DG 2021-03	Land	557550	7180471	0.01
DG 2021-04	Ice	552481	7178522	
DG 2021-05	Land	552636	7178694	0.01
DG 2021-06	Ice	549362	7187357	
DG 2021-07	Ice	548494	7192807	
DG 2021-08	Ice	547768	7193944	
DG 2022-01	Ice	552487	7178500	
DG 2022-02	Ice	552487	7178500	
DG 2022-03	Ice	552487	7178500	
DG 2022-04	Land	553399	7178372	0.01
DG 2022-05	Ice	552530	7178590	
DG 2022-06	Ice	552530	7178590	
DG 2022-07	Ice	552530	7178590	
DG 2022-08	Land	556385	7184857	0.01
DG 2022-09	Land	556385	7184857	Same setup as DG 2022-08
Camp and Fuel Cache	Land	559342	7179436	0.3
Total				0.304

There are no land use fees due.



Dave Kelsch
For Arctic Star Exploration Corp.
06 January 2025