

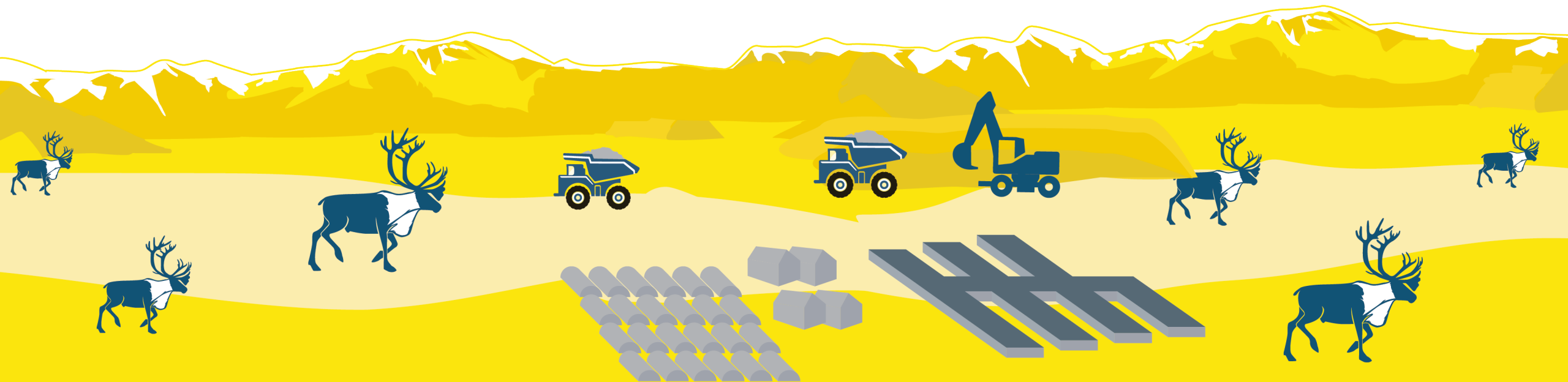
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Nunavut Water Board Technical Meeting

Baffinland Iron Mines Corporation
Application for Renewal Water
Licence No: 2AM-MRY1325



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Qikiqtani Inuit Association

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To safeguard, administer and advance the rights and benefits of Inuit, to promote the Inuit language and traditions, Inuit environmental values, Inuit self-sufficiency, as well as economic, social and cultural well-being through succeeding generations.

As a Designated Inuit Organization under the *Nunavut Agreement*, QIA manages Inuit Owned Lands in the Qikiqtani Region including the Project area.

QIA represents over 14,000 Inuit in the Qikiqtani Region

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38th Annual Meeting of the Board of Directors

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- 6 ልዩ ሰው ሳይከሰቱ
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38 Technical Comments

- 9 resolved
 - 14 unresolved
 - 6 partially resolved
 - 10 recommendations to Nunavut Water Board
 - 1 request to Environment and Climate Change Canada
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- This presentation focuses on unresolved concerns and includes references to specific comments where possible.
 - Not all comments will be referenced in this presentation.
 - QIA will provide a resolution status update following the conclusion of the Technical Meeting.

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Compliance with Environmental Assessment predictions

- A comparison of collected monitoring data with environmental assessment predictions is necessary to evaluate the effectiveness of the Applicant's management and mitigation plans.
- Management and mitigation measures should be adjusted based on the findings.
- Unresolved: QIA-TR-1

Status of Technical Concerns

[illegible]

- [illegible]

Impacts on fish habitat (cont'd)

- Arctic char spawning habitat assessment is important to establish baseline for Steensby Component. This will help form plans for freshwater withdrawals at Steensby.
- Information on Project impact pathways on freshwater and fish habitat is outstanding.

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Impacts on water quality

- QIA is concerned about elevated concentrations of arsenic, copper, iron, manganese, and phosphorus in Camp Lake.
 - Baffinland to clarify the rationale for contextualizing values with the 75th percentile concentrations
 - Important to understand if elevated parameters of concerns correlate with the distribution of metal(loid)s within the ore body
 - Future comparison between potential areas of impact and Reference Lake will evaluate water and sediment quality trends occurring within each body of water.

Status of Technical Concerns

[illegible]

- [illegible]

Impacts on water quality (cont'd)

- QIA is concerned there are mine-related impacts to water quality in the upper portions of CLT1 tributary as acknowledged by Applicant in its earlier submission.
 - QIA recommends further investigation to of sources of elevated parameters of potential concern and if they are Project-related.
 - Findings can be used to address source inputs to protect aquatic environment and drinking water source in Camp Lake.

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Inuit indicators and measures

- Further engagement, research, and analysis are required to ensure blasting plans account for Inuit concerns, thresholds, and objectives in relation to freshwater and fish habitat. This engagement must seek consensus between affected Inuit communities, Baffinland, DFO, and the NWB.
 - Unresolved: QIA-TR-24

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Inuit engagement

- QIA re-iterates request for detailed record of Applicant's engagement with Inuit about freshwater use, including a list of Inuit concerns related to water and Baffinland's plans to address those concerns, for both Steensby Component and current operations, such as:
 - information on the form of the meeting; how long the meeting lasted; what was presented at the meeting; how feedback was sought; what feedback was received; and how this feedback was acted on
- Status:
 - Unresolved: QIA-TR-5, 9, 10, 24
 - Recommendations to NWB: QIA-TR-28, 29, 30, 31, 32, 36

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Recommendations to Nunavut Water Board

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- If Application is granted, inclusion of licence condition requiring the Applicant (QIA-TR-30 cont'd):
 - update relevant management plans to reflect this freshwater baseline information and provide these updated management plans for Board approval 90 days prior to the commencement of construction of the Steensby Component.
 - Applicant to provide the trend-over-time monitoring along Steensby railway and Port prior to construction such that updated information on Inuit use and Inuit Qaujjimajatuqangit is meaningfully considered.

Recommendations to Nunavut Water Board

- 2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834

- If Application is granted, inclusion of licence condition requiring the Applicant (QIA-TR-30 cont'd):
 - Applicant to provide a Steensby Component construction timeline that is adequate to allow more information to be collected about IQ and impacts to Inuit water rights and culture, resource and land use related to freshwater no less than 90 days prior to construction.

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Qikiqtani Inuit Association



info@qia.ca



(867) 975-8400



www.qia.ca



Qikiqtani Inuit Assoc.



@Qikiqtani_Inuit



@Qikiqtani_Inuit



Qikiqtani Inuit Association