



ΔCCT<sup>3</sup>ΔP/L<sup>4</sup>Δ<sup>5</sup>b

Δርርታንክደረጃ A: ሻላክሮኒውም-ፖሊኒየም ለርቢብ ጋኒኒየም	27
Δርርታንክደረጃ B: ሙሉ ስፔክትረም ማረጋገጫ	34
Δርርታንክደረጃ C: ለፍጠራዊ ምርት ለሚያስፈልጉ ስፔክትረም ምርት ለማረጋገጥ	37

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- [illegible]

[illegible]

[illegible][illegible]

a)  $\triangle ABC$  ከ  $\triangle DEF$  ጋር ሲነፃፅር፣  $\angle A = 40^\circ$ ፣  $\angle D = 60^\circ$ ፣  $\angle E = 80^\circ$  እና  $\angle F = 100^\circ$  ከሆነ፣  $\angle C$  ስንት ደረጃ ይሆናል?

[illegible][illegible]





[illegible]

- $b \in C \Rightarrow L \in \mathcal{L}^c$
- $\Delta \text{መርሲኦኖክ}$
- $\Delta^c \text{ከኦኖክ ልክ ነው}$

- $\Gamma^a \cup \Delta^b \not\subseteq \delta \cap \alpha^b \delta^c$  ба  $\Gamma$

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[illegible]

$\Delta^{\text{ከጋር ሲሄድ}} \text{ ርቀት } \geq \text{ ካርታ } (\Delta^{\text{ከጋር ሲሄድ}})$

- [illegible]

ፖሊስ ማረጋገጫ

- [illegible]

- [illegible]

[illegible]

ልዩ ልዩ ስራዎችን በጥንቃቄ በሚከተል በሚመለከቱት ስራዎች ላይ ለሚከተሉት ምክር ቤቶች ማሳሰቢያ ማድረግ፡

[illegible]



















- የኢትዮጵያ ፌዴራላዊ

19. ለረብረብነትና ለሰላም ምክር ቤቱ ለጥያቄዎች ምላሽ ለሰጠው ምስጋናዎች ምስጋና ማቅረብ ይገባል፡፡
20. ለረብረብነትና ለሰላም ምክር ቤቱ የፍርድ/የደረጃ ፍርድ ቤቱ 610 ሾርቶ ምክር ቤቱ ለሰጠው ምስጋናዎች ምስጋና ማቅረብ ይገባል፡፡
21. ለረብረብነትና ለሰላም ምክር ቤቱ የፍርድ/የደረጃ ፍርድ ቤቱ ለሰጠው ምስጋናዎች ምስጋና ማቅረብ ይገባል፡፡

[illegible][illegible][illegible]

24. 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-

[illegible][illegible][illegible]

28. ከዲፖቦርቲክ ልዩነት ወይም ስርዓት ልዩነት ምሳሌዎች ምሳሌዎች  
ጋራ ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች  
ለዕለት ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች  
ወይም ስርዓት ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች ልዩነት ምሳሌዎች

$\triangleright \rho \triangleright^b d^c \triangleleft \mathcal{C} \triangleleft^b \mathfrak{C}$

29. ለጥራፋኑ ምርጫ ርዕሰ ምክር ቤት ምክር ቤት አባል ሆኖ ለመሳተፍ ይገባል፡፡

[illegible][illegible]

[illegible][illegible][illegible][illegible]

35. ለርቢብናገረጥና ናይገረጥናገረጥና ዲኒኤብ ደርገል ለገረጥ /ገረጥናገረጥና  
 ለገረጥናገረጥና ዲኒኤብ ደርገል ለገረጥ ገረጥና ለገረጥና  
 ገረጥናገረጥናገረጥና ዲኒኤብ ደርገል ለገረጥ ገረጥና ለገረጥና

[illegible][illegible]

002< 4D9bC9bCC9σ<sup>2</sup>L

38. ለጥራቅግራጽ ወደ ልጅሪሽ ሼጋልዳረግራጽ ካለበት ወጪ ለጥራቅግራጽ ማረጋገጫ ይገኛል፡፡

◁▷<sup>5b</sup>C▷bΔ<sub>Q</sub><sup>5b</sup>▷σ C<sup>5i</sup>L<sup>5</sup>Δσ<sup>c</sup>

39. ለጽሁፋኔታቸው ጋለጥፎች ለጽሁፍታቸው ጋረጽ፣ ስላሉት ምረቃዎች ላይ  
ጋለጥፎች ሲጻፉ፡

[illegible]

**Marine-Based Activities**

41. ጋህረታዊነት ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣
42. ጋህረታዊነት ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣
43. ለህዝብ ምርጫ ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣
44. ለህዝብ ምርጫ ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣

**ፈጣን ምርጫ**

45. ለህዝብ ምርጫ ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣
46. ለህዝብ ምርጫ ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣

**ሙሉ ምርጫ ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣**

47. ለህዝብ ምርጫ ለማረጋገጥና ለማስጠበቅ ማድረግ፣ ምርጫው ለማስጠበቅና ለማረጋገጥ የሚያስፈልጉትን ሁሉም ስራዎች፣ ለምሳሌ (ለህዝብ ምርጫ ለማረጋገጥ) ምርጫው ለማስጠበቅና ለማረጋገጥ ማድረግ፣

## Other

[illegible][illegible]



[illegible]

உதாரணம்:  $\Delta^c \triangleleft L \supset \nabla L \wedge \delta \sigma^{ab} \supset r^c \supset$

- [illegible]

$\dot{D}L^c \triangleleft C_{\Omega} \triangleright L^c$

- [illegible]

## ΛΔσΓΔΠΝ

Δε ΥΰλΔΔρςβ ΔεΠΓΛρς βΔρλςσςΛ ΓρΛΓΔΰλμδ ΥςΰλςΔσ Department of National Defence's "Operation Nanook-Nunavut 2020". ΔεΔρ ΔεΠΓΛρςβδ βΠΛρςρ ΔΔΔμΔσΔς>ρ ΔςββΠρλΔρΛσςβ<Γ ΓσςΛ>ρ ΓςΓς ΔσςβΛρ ΔςβΔρςβςΠβ ΔΔΛΔςβςσςβ<ρ.

ΔςΔςβ April 8, 2020 βΛσςΔΔςβ, ΔεΔρς.

M. Kaung Kaung

βΔςβ βΔςβ, ΔβρΔΔΔΔβΔμΔςβ

ΥσλΔςββρΔρς: ΔΔΔΔΔΔΔρΛρς A: βςρρςΓςΠσς-ρΓςΔρΔΔΔςββ ΛΓΛΔςβ ΥβρςβΔΔρς  
ΔΔΔΔΔΔΔρΛρς B: σΔΔςμςβρρΛρς σςρΠρ ΔεΔρς  
ΔΔΔΔΔΔΔρΛρς C: ΔΔΔρ ΛςδΠΔσςρ ΔρΛ ΛρΔΔΔςβρΛσςρς βΔρΔρΠβςρ ΔςβΔρς ΛΓΛΔ  
ΔεΔρ ΔΔΔΠΔρμδ ΔΔςβςβΔμδ

[illegible]

ወይም ለደብዳቤዎች ክፍል 16DN004: ለጥሪ ምድር

[illegible]

ከጋንዲናጋቡ ለሮሲያክብሮጋር (ፕላጋዲ)ፕሩ (ለዲፖሊሲኒ) ጋድሮፍ “ፋሪኒቦሙ ሙሮጋር” ለሮሲያኒክ ልሙከሮፍጋኔ ሃዞሙሮ (ኖብሮጋ) ሙሮኔክላሙ, ጋሜሊክኔጋቡ ኔብሮፊጋ ፋሪ ፋሪኒቦሙፋሪጋቡ ፕሮፍጋኔክሮቦሮ ልኔፊሮክቦሮ ፋሪክሮክሮጋር ልሙከሮፍጋቡ ፋሮሙሮሙ ኔብሮፊጋ ፋሪ ፋሪ. ልኔፊሮክቦሮ ልኔኖክሮፊሮፊሮ ከፊር ፕሮኖክ ፋሪ ልኔፊሮክሮፊሮ ሙሪ, ጋብ, ልሪ ልኔክሚ, ፋሪ ኔክሪክቦሮ ለክብሮክሙኖኖፊር ከፊር ፕሮኖክ, ከፊር ፕሮኖክቦሮ, ፋሪ ከጋንዲክሮፊር ለሮሲክ ኔብሮሙ ፋሪ ለሮሲክሮ ፋሪክሮክቦሮጋር ፕሮፍጋር ፋሪ ሙከሮክሮክሮክሮክሮ ለሮሲክሮፊሮ ለሮሮክብሮፋሪጋቡ ፋሪክሮፊሮክሮ ፋሪ ኔብሮክቦሮክሮ ለክቦሮጋር ከፊር ፕሮፍጋኔክሚ. ለሮሲያኒክ ፋሪክሮፊሮክሮ ፋሪክሮፊሮክሮ 2016; ሃሮሮ, ለዲፖሊሲኒ ጋንዲኖሲኒ ርሲኖ ፋሪክሮክሮኖኖፊር ፊን 27-ር ጋሪክ 30-ር, 2016.

[illegible]

- [illegible]



ልቦታዎች ለፍትሕ ወይም ለሌላ ዓላማ ለሚታዩ ሰዎች ለሚሰጡ ልዩ ልዩ ምርመራዎች (ከፍተኛ ፍትሕ ወይም ለሌላ ዓላማ ለሚታዩ ሰዎች ለሚሰጡ ልዩ ልዩ ምርመራዎች) ናቸው።

[illegible]

ወደብረው ለሰራተኛው የጥራት ማረጋገጫ ስርዓት 16DN063: ለጥራት ማረጋገጫ (2017 ለጥራት 2018)

[illegible][illegible]

ፊርማዎን ማስቀመጥና ማረጋገጥ ለፍርድ ቤቱ ማስገባት ይገባል፡፡

፲፬ኛው ለጥራት፣ ለጥራት ፈጣሪ ፍጥረታዊ ሥራ፡

- [illegible]

- [illegible]

[illegible]

[illegible]



- [illegible]

$\Delta_{CC} \triangleright^{\text{b}} \triangleright / L^{\text{fb}}$  B:  $\sigma \delta \triangleright^{\text{fb}} q^{\text{fb}} / L^{\text{c}}$   $\sigma^{\text{f}} \cap^{\text{c}}$   $\mu \omega \theta \Gamma$

[illegible]

- [illegible]

[illegible][illegible][illegible]

ደብዳቤዎን ማረጋገጥ ለፖሊስ/ፖሊስ (SARA) ለፖሊስ/ፖሊስ ፍቅር/ፍቅር  
 ማረጋገጥ ማረጋገጥ ፍቅር/ፍቅር ለፖሊስ/ፖሊስ ፍቅር/ፍቅር ([www.sararegistry.gc.ca](http://www.sararegistry.gc.ca)) ለፖሊስ/ፖሊስ  
 ፍቅር/ፍቅር ማረጋገጥ ማረጋገጥ ፍቅር/ፍቅር ለፖሊስ/ፖሊስ ፍቅር/ፍቅር

መልካም የጥንቃቄ ስራ	በጣሪ የጥንቃቄ ስራ	የጥንቃቄ ስራ	የጥንቃቄ ስራ
ጥንቃቄ (Buff-breasted Sandpiper)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Common Nighthawk)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Eskimo Curlew)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Harlequin Duck)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Harris's Sparrow)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Horned Grebe)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Ivory Gull)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Olive-sided Flycatcher)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Peregrine Falcon)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Red Knot Islandica Subspecies)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Red-necked Phalarope)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Ross's Gull)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Rusty Blackbird)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ (Short-eared Owl)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ			
ጥንቃቄ (Porsild's Bryum)	ጥንቃቄ	ጥንቃቄ 1	ጥንቃቄ ስራ
ጥንቃቄ			

[illegible]

መልዕዳኖቻቸውን ስለሚገኝበት ቦታ	በአጠቃላይ የሚገኝበት የአካባቢ ስርዓት	የአካባቢ ጥበቃ ስርዓት (SARA)	የአካባቢ ጥበቃ ስርዓት (SARA)
ጋራጭ ርዕሰ ልጅ (Transverse Lady Beetle)	አገልግሎት	አካባቢ	አካባቢ
አገልግሎት ስርዓት			
ጋራጭ (ጋራጭ ርዕሰ ልጅ)	አካባቢ	አካባቢ 1	አካባቢ
ጋራጭ (አገልግሎት)	አካባቢ	አካባቢ	አካባቢ
ጋራጭ (ጋራጭ ርዕሰ ልጅ)	አካባቢ	አካባቢ	አካባቢ
ጋራጭ (አካባቢ)	አገልግሎት	አካባቢ 1	አካባቢ
አገልግሎት	አካባቢ	አካባቢ 1	አካባቢ
አገልግሎት	አገልግሎት	አካባቢ 1	አካባቢ
አካባቢ	አገልግሎት	አካባቢ 1	አካባቢ
አካባቢ ስርዓት			
አካባቢ ስርዓት (አካባቢ)	አገልግሎት	አካባቢ	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አገልግሎት	አካባቢ	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አካባቢ	አካባቢ 1	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አካባቢ	አካባቢ	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አገልግሎት	አካባቢ	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አገልግሎት	አካባቢ	አካባቢ
አካባቢ ስርዓት			
አካባቢ ስርዓት (አካባቢ)	አገልግሎት	አካባቢ	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አካባቢ	አካባቢ 3	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አካባቢ	አካባቢ	አካባቢ
አካባቢ ስርዓት (አካባቢ)	አገልግሎት	አካባቢ	አካባቢ

# ᐃᓕᓕᐅᕐᓴᐅᕐᓴᐅᕐᓴᐅᕐᓴ C: ᐃᓄᐃᓪ ᐱᕐᓂᐅᐱᓂᕐᓂᕐᓂᕐᓂ ᐃᕐᓴ ᐱᕐᓂᐅᐱᓂᕐᓂᕐᓂᕐᓂ ᕐᓴᐅᐱᓂᕐᓂᕐᓂ ᐅᕐᓴᐅᕐᓴᐅᕐᓴ ᐱᓕᓕᓂᕐᓂ ᓄᓄᕐᓂ ᐃᓂᕐᓂᐅᕐᓴᐅᕐᓴᐅᕐᓴ ᓕᐃᕐᓴᕐᓴᕐᓂᕐᓂᕐᓂ



## INTRODUCTION

The Department of Culture and Heritage (CH) routinely reviews land use applications sent to the Nunavut Water Board, Nunavut Impact Review Board and the Indigenous and Northern Affairs Canada. These terms and conditions provide general direction to the permittee/proponent regarding the appropriate actions to be taken to ensure the permittee/proponent carries out its role in the protection of Nunavut's archaeological and palaeontological resources.


## TERMS AND CONDITIONS

- 1) The permittee/proponent shall have a professional archaeologist and/or palaeontologist perform the following **Functions** associated with the **Types of Development** listed below or similar development activities:

	<b>Types of Development</b> (See Guidelines below)	<b>Function</b> (See Guidelines below)
a)	Large scale prospecting	Archaeological/Palaeontological Overview Assessment
b)	Diamond drilling for exploration or geotechnical purpose or planning of linear disturbances	Archaeological/Palaeontological Overview Assessment and/or Inventory and Documentation and/or Mitigation
c)	Construction of linear disturbances, Extractive disturbances, Impounding disturbances and other land disturbance activities	Archaeological/Palaeontological Overview Assessment and/or Inventory and Documentation and/or Mitigation

- 2) The permittee/proponent shall not operate any vehicle over a known or suspected archaeological or palaeontological site.
- 3) The permittee/proponent shall not remove, disturb, or displace any archaeological artifact or site, or any fossil or palaeontological site.
- 4) The permittee/proponent shall immediately contact CH at (867) 934-2046 or (867) 975-5500 should an archaeological site or specimen, or a palaeontological site or fossil, be encountered or disturbed by any land use activity.
- 5) The permittee/proponent shall immediately cease any activity that disturbs an archaeological or palaeontological site encountered during the course of a land use operation until permitted to proceed with the authorization of CH.
- 6) The permittee/proponent shall follow the direction of CH in restoring disturbed archaeological or palaeontological sites to an acceptable condition. If these conditions are attached to either a Class A or B Permit under the Territorial Lands Act Indigenous and Northern Affairs Canada directions will also be followed.
- 7) The permittee/proponent shall provide all information requested by CH concerning all archaeological sites or artifacts and all palaeontological sites and fossils encountered in the course of any land use activity.
- 8) The permittee/proponent shall make best efforts to ensure that all persons working under its authority are aware of these conditions concerning archaeological sites and artifacts and palaeontological sites and fossils.
- 9) If a list of recorded archaeological and/or palaeontological sites is provided to the permittee/proponent by CH as part of the review of the land use application the permittee/proponent shall avoid the archaeological and/or palaeontological sites listed.
- 10) Should a list of recorded sites be provided to the permittee/proponent, the information is provided solely for the purpose of the proponent's land use activities as described in the land use application, and must otherwise be treated confidentially by the proponent.

As stated in Article 33 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada* (Nunavut Agreement):

 (866) 233-3033
  (867) 983-2594
  [info@nirb.ca](mailto:info@nirb.ca)
 [www.nirb.ca](http://www.nirb.ca)
 [@NunavutImpactReviewBoard](https://www.facebook.com/NunavutImpactReviewBoard)

በሰሜን ምዕራብ ካናዳ 1360 ልጌንት ብረት, ጋራ ጋራ X0B 0C0  
 ኢንፍሊዩንስ 38 ስፒሪንግ 43



(Note: Partial document only, complete document at: [www.ch.gov.nu.ca/en/Archaeology.aspx](http://www.ch.gov.nu.ca/en/Archaeology.aspx))

The following guidelines have been formulated to ensure that the impacts of proposed developments upon heritage resources are assessed and mitigated before ground surface altering activities occur. Heritage resources are defined as, but not limited to, archaeological and historical sites, burial grounds, palaeontological sites, historic buildings and cairns. Effective collaboration between the developer, the Department of Culture, and Heritage (CH), and the contract archaeologist(s) will ensure proper preservation of heritage resources in the Nunavut Territory. The roles of each are briefly described.

The primary regulatory agencies that CH provides information and assistance to are the Nunavut Impact Review Board, for development activities proposed for Inuit Owned Lands (as defined in Section 1.1.1 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)*), and the Indigenous and Northern Affairs Canada, for development activities proposed for federal Crown Lands.

Through his or her active participation and supervision of the study, the contract archaeologist or palaeontologist is accountable for the quality of work undertaken and





indicate a very low or negligible heritage resource potential. Alternately, in the case of small-scale or linear developments, an inventory study may be recommended and obviate the need for a reconnaissance.

The main goal of a reconnaissance study is to provide baseline data for the verification of the presence of potential heritage resources, the determination of impacts to these resources, the generation of terms of reference for further studies and, if required, the advancement of preliminary mitigative and compensatory plans. The results of reconnaissance studies are primarily useful for the selection of alternatives and secondarily as a means of identifying impacts that must be mitigated after the final siting and design of the development project. Depending on the scope of the study, a Class 1 or Class 2 Permit is required for this type of investigation.

**Inventory:** A resource inventory is generally conducted at that stage in a project's development at which the geographical area(s) likely to sustain direct, indirect, and perceived impacts can be well defined. This requires systematic and intensive fieldwork to ascertain the effects of all possible and alternate construction components on heritage resources. All heritage sites must be recorded on Government of Nunavut Site Survey forms. Sufficient information must be amassed from field, library and archival components of the study to generate a predictive model of the heritage resource base that will:

- allow the identification of research and conservation opportunities;
- enable the developer to make planning decisions and recognize their likely effects on the known or predicted resources; and
- make the developer aware of the expenditures, which may be required for subsequent studies and mitigation. A Class 1 or 2 permit is required.

**Assessment:** At this stage, sufficient information concerning the numbers and locations of heritage resources will be available, as well as data to predict the forms and magnitude of impacts. Assessments provide information on the size, volume, complexity and content of a heritage resource, which is used to rank the values of different sites or site types given current archaeological knowledge. As this information will shape subsequent mitigation program(s), great care is necessary during this phase.

**Mitigation:** This refers to the amelioration of adverse impacts to heritage resources and involves the avoidance of impact through the redesign or relocation of a development or its components; the protection of the resource by constructing physical facilities; or, the scientific investigation and recovery of information from the resource by excavation or other method. The type(s) of appropriate mitigative measures are dictated by their viability in the context of the development project. Mitigation strategies must be developed in consultation with, and approved by, the Department of Culture and Heritage. It is important to note that mitigation activities should be initiated as far in advance of the construction of the development as possible.

**Surveillance and monitoring:** These may be required as part of the mitigation program.

*Surveillance* may be conducted during the construction phase of a project to ensure that the developer has complied with the recommendations.

*Monitoring* involves identification and inspection of residual and long-term impacts of a development (i.e. shoreline stability of a reservoir); or the use of impacts to disclose the presence of heritage resources, for example, the uncovering of buried sites during the construction of a pipeline.