REQUEST FOR DECISION
Subject: Hawk Avenue Dog Park Update

Presented to: Council

Date: February 26, 2024

Submitted by: Amanda Arbuckle, Manager of Recreation Services

Item #: 7.3

ADMINISTRATIVE RECOMMENDATION
That Council:

1. Pursuant to Section 9.22 of the Procedures Bylaw 44-8, reconsider the amended 2024-2026 Operating Budget, approved, as further amended, during the February 12, 2024, Budget Meeting of Council by way of Motion COU24-104;
2. Amend the 2024-2026 Operating budget by allocating $90,000 from the Budget Stabilization Reserve, $80,000 of which will be reallocated from Hawk Avenue Dog Park rehabilitation project approved by way of motion COU23-25, that is no longer feasible, and direct Administration to proceed with:

    a) The Parks Canada environmental impact assessment process for the Marmot area site as an alternate location for the Hawk Avenue Dog Park; and if approved
    b) The dog park relocation to the Marmot area site.

3. Approve the amended 2024-2026 Operating Budget, as further amended by Recommendation 2.

BACKGROUND
Reason for Report
Administration brought forward a report to Council on September 11, 2023 that detailed the ongoing challenges with debris surfacing at the Hawk Avenue dog park. At that meeting, Council passed the following motion:

COU23-251 That with respect to Item 7.3 Request for Decision: Hawk Avenue Dog Park, the following be adopted:

That Council amend the 2023 – 2025 Operating Budget by directing Administration to proceed with shovel testing the Hawk Avenue Dog Park site, at a cost of $25,000, and then, should the shovel tests confirm the contamination is isolated, proceed with a shallow excavation exercise, at a cost of up to $80,000, both of which to be funded through the Budget Stabilization Reserve.

For: (4): Mayor DiManno, Councillor Olver, Councillor Pelham, and Councillor Pettigrew Against: (2): Councillor Canning and Councillor Christensen

MOTION CARRIED

Summary of Issue
The Hawk Avenue Dog Park was relocated in 2020 to accommodate the new Roam Transit building. During the early stages of the project, a small, isolated pit of waste dating back to the 1960's was discovered. The waste hole was excavated by hand by a team of archaeologists with oversight from the Town of Banff and Parks Canada and a third-party Environmental Site Assessment was completed to see if there were any other similar features on the site and none were found. A third-party

archaeological survey was also completed, including 10 test pits around the exterior of the site, which again found no debris.

The Hawk Avenue dog park was opened in June of 2020. Following this opening, there were observations made regarding debris resurfacing at the site. Debris has included glass shards, nails, electrical wire, pieces of metal, glass bottles, and plastic. In response to these reports, the Town hired a landscape contractor to undertake shallow excavation and raking to remove debris in both 2020 and 2021 and Municipal Parks conducted regular site inspections. As the hazard debris continued to surface, Administration closed the dog park to the public, and sought Council direction on next steps, which included an option to conduct a more extensive site analysis than had been previously undertaken. Associated Engineering (AE) was contracted in October 2023 to evaluate the level of contamination and determine whether it would be feasible to remediate the site and reopen for year-round use (see full report in the Attachment).

A team from AE conducted on-site shovel testing at the dog park in October in a grid pattern of 2.5 m x 2.5 m and up to a depth of 30 cm (approx. 1000 test sites). Glass shards, nails, metal wire, or other debris were found in 40 of the 92 sites that had contaminants. The locations of the debris were dispersed with some areas seeing a higher density than others.

Due to the wide dispersion of the contamination, and recognizing that previous efforts have been made to remove hazardous debris, Associated Engineering has provided two options to deal with the current situation and include the following:

1. Cap the site with a clay or synthetic cap to prevent contaminants from reaching the surface.
2. Remove all contaminated materials, included impacted soil and dispose of in an appropriate facility and replace with clean imported soil.

As noted in the report, either of the above options would be very costly and would result in widespread tree removal and/or potential tree damage.

As a result of the report's findings, Administration is recommending that an alternative dog park site be considered. Options that were considered in bringing forward a location recommendation included the objective of providing a walkable dog park on each side of the townsite in a parkland area that could support a 1.5-acre fenced park. Given the limited sites available within the townsite that could meet this objective, it is Administration's position that the most feasible area for relocation would be somewhere within the area noted below, which is a town-owned parcel currently zoned Public Parkland, adjacent to Marmot Crescent.



Benefits of the Marmot Crescent site as a dog park:

- Walkable for many residents and visitors.
- Nearby parking at the westside of Rotary Park.
- Ability to maintain a 25 m setback from existing homes.
- Existing trail through site to remain outside of fenced area for non-dog owners to continue to access.
- Zoned Public Parkland (permitted use for dog park).

Administration is aware that the Marmot Crescent site has been discussed as a possible future location for housing. Given that Council has directed the housing team to explore a development on the Tatanga Lands for its next below market housing project, the Marmot Crescent location could fulfill the purpose of a dog park for several years prior to it potentially being repurposed for housing. As a reminder, a zoning change would be required to use this site for housing, whereas using the site as a dog park would be consistent with the definition of a Public Park, which is a permitted use in this area. Given that the construction of a dog park is relatively simple, consisting of fencing and posts, it could be decommissioned at any point in the future should a change of use for the site be contemplated. In addition, should a housing development be pursued down the road in this location, Council could consider that a portion of the site be maintained as green space for the purpose of a dog park to support future residents in the area.

Should Council choose to proceed with next steps, Administration would begin the impact assessment process with Parks Canada. It should be noted that the dog park would not occupy the entire highlighted section in the image in this report. The exact siting of the dog park location within the highlighted area would be done in consultation with Parks Canada.

Should Council decide to not pursue an alternative site for a year-round dog park, the Hawk Ave location could remain open for use by the public in the winter months (i.e. when the ground is frozen), with the requirement to close it when temperatures warm, snowpack dissipates or the ground thaws.
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Dog Park Data:

Based on 2022 data, the Hawk Avenue dog park saw almost 17,000 visits over the course of the year when it was fully open.

City/Town	# of Dog Parks/Off-leash areas
Banff	2
Cochrane	4
Canmore	5
Airdrie	7

Response Options

Council may:

That Council:

1. Pursuant to Section 9.22 of the Procedures Bylaw 44-8, reconsider the amended 2024-2026 Operating Budget, approved, as further amended, during the February 12, 2024, Budget Meeting of Council by way of Motion COU24-104;
2. Amend the 2024-2026 Operating budget by allocating $90,000 from the Budget Stabilization Reserve, $80,000 of which will be reallocated from Hawk Avenue Dog Park rehabilitation project approved by way of motion COU23-251 that is no longer feasible, and direct Administration to proceed with:

    c) The Parks Canada environmental impact assessment process for the Marmot area site as an alternate location for the Hawk Avenue Dog Park, and if approved; and
    d) The dog park relocation to the Marmot area site.

3. Approve the amended 2024-2026 Operating Budget, as further amended by Recommendation 2.

OR:

1. Direct Administration to keep the Hawk Avenue site operational as winter-only dog park, and not pursue an alternate location for a year-round dog park at this time.

OTHER INFORMATION

Budget

Council had previously allocated up to $80,000 from the budget stabilization reserve for the potential remediation of the Hawk Ave Dog Park.

At this time, the rough cost estimate for the relocation of a dog park, including the decommissioning of the Hawk Ave site is $90,000. If possible, existing infrastructure at Hawk Ave will be repurposed at the new site.

Internal Resources
A team from Engineering, Planning & Development, Operations and Community Services continue to work collaboratively on the Hawk Avenue dog park issues.

Communication
A webpage on the Town's site has information on the Hawk Avenue dog park closure www.banff.ca/1030/Off-Leash-Dog-Parks.

Banff Community Plan
Access to recreation is listed in the Banff Community Plan under "Fostering a Healthy Community" as follows:

- Increase the use of Banff's parks and trails
- Build a system of open spaces, trails and parks that reinforce connections to the natural environment.

Council Strategic Priorities
Better Banff for Residents:

- Enhance individual, family and community safety and wellbeing through the provision and support of high-quality programs, services and amenities.

Lead Climate Action:

- Demonstrate leadership by making decisions on Town policies, bylaws and operations based on the greatest feasible benefit to environmental protection and resilience.

ATTACHMENTS
Attachment: Associated Engineering Banff Off Leash Dog Prak Site Investigation Report

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Circulation date:	February 7, 2024
Submitted By:	Amanda Arbuckle Manager Recreation Services
Reviewed By:	Kelly Gibson Town Manager

Associated Engineering | GLOBAL PERSPECTIVE. LOCAL FOCUS.

REPORT

Town of Banff

Banff Off Leash Dog Park
Site Investigation



FEBRUARY 2024

carbon neutral since 2009

CANADA BEST MANAGED COMPANIES Platinum member

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1 INTRODUCTION AND BACKGROUND

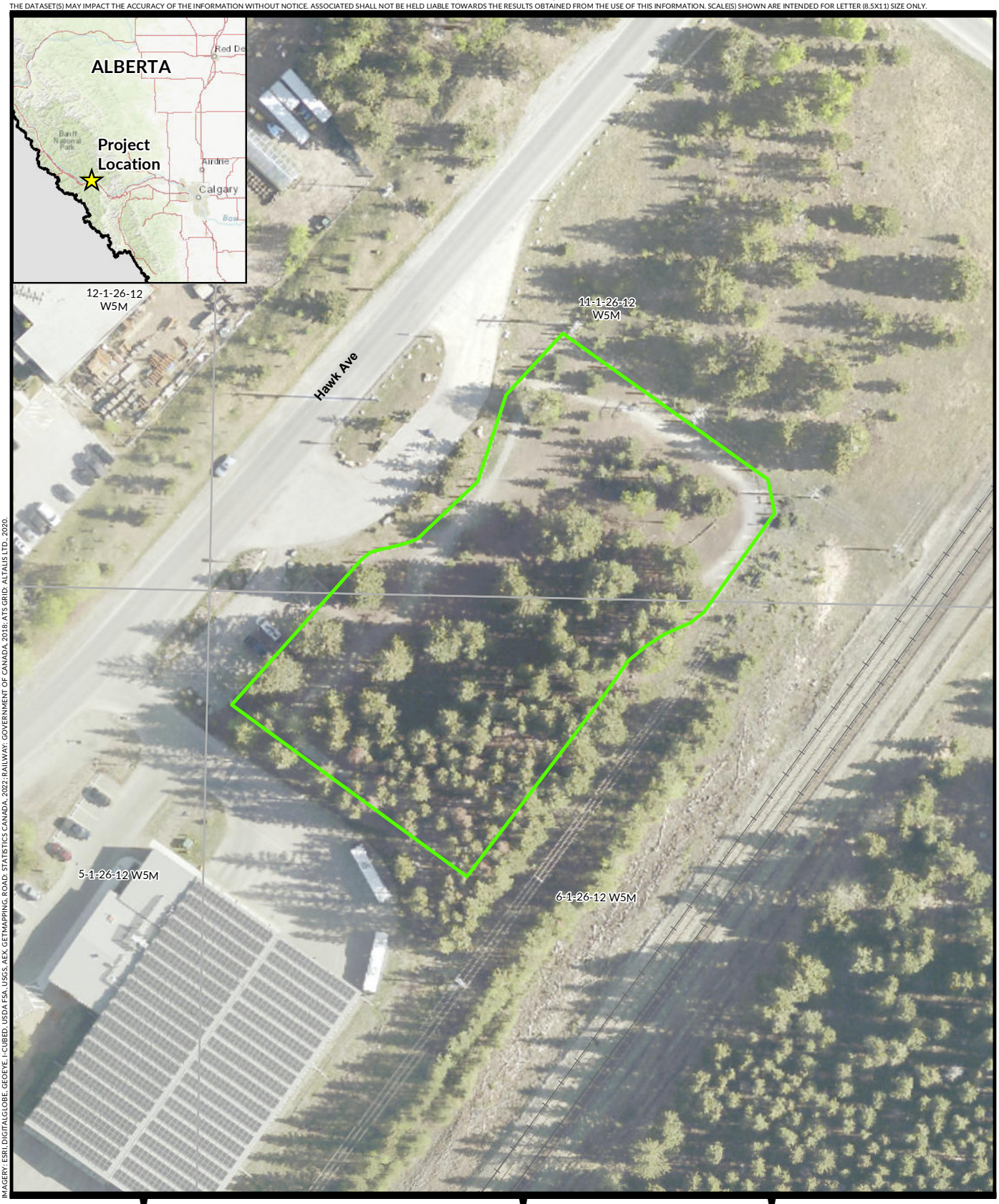
One of the Town of Banff's (the Town) off leash dog parks is located at 100 Hawk Avenue (the Site), within the industrial area of Banff, adjacent to the ROAM Transit Bus Storage and Training Facility (Figure 1-1). The Site is quite flat and covered mostly with coniferous trees. It is also completely fenced off. The Site has been closed indefinitely due to the discovery of physical contamination, primarily glass and metal, throughout the park[1]. The Town engaged Associated Engineering Ltd. (Associated) to complete a site investigation to delineate the extent and type of physical contaminants present within the 5,140m^2 Site. This report summarizes the methodology and results of the investigation and recommendations regarding the remediation of the Site.

1.1 Scope of Work

At the request of the Town the following scope of work was completed for the site investigation:

- The Site was divided into a staggered grid of 2.5m X 2.5m square plots (Figure 1-2).
- Use a shovel to conduct one shallow (30cm) excavation per square plot.
- Photograph and document any physical contaminants found in the excavated material according to the established grid.
- Deposit and compact all excavated material back into the excavation as close as possible to pre-excavation conditions.

ALTHOUGH ASSOCIATED HAS TAKEN THE EFFORT AND DUE CARE TO ENSURE THE ACCURACY OF THE INFORMATION DISPLAYED AT THE DATE OF PRODUCTION, THE USER ACKNOWLEDGES THAT CHANGES OVER TIME AND THE CURRENCY OF THE DATASET(S) MAY IMPACT THE ACCURACY OF THE INFORMATION WITHOUT NOTICE. ASSOCIATED SHALL NOT BE HELD LIABLE TOWARDS THE RESULTS OBTAINED FROM THE USE OF THIS INFORMATION. SCALE(S) SHOWN ARE INTENDED FOR LETTER (8.5X11) SIZE ONLY.



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IMAGERY: ESRI, DIGITALGLOBE, GEOEYE, I-CUBED, USDA FSA, USGS, AEX, GETMAPPING, ROAD: STATISTICS CANADA, 2022; RAILWAY: GOVERNMENT OF CANADA, 2018; ATS GRID: ALTALIS LTD., 2020.

LEGEND

Site Boundary

Base Data

Railway

0 5 10 15 20 25 m

AE PROJECT NO.	2023-3805-00
SCALE	1:1000
COORD. SYSTEM	NAD 1983 3TM 114
DATE	2023-11-03
REV	00
DRAWN BY	HS
CHECKED BY	WL
DESCRIPTION	ISSUED FOR REPORT

FIGURE 1-1
SITE LOCATION

TOWN OF BANFF
BANFF OFF-LEASH DOG AREA SITE INVESTIGATION & REMEDIATION

BANFF OFF-LEASH DOG PARK
SITE INVESTIGATION

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Associated Environmental

TOWN OF Banff

LEGEND

- Grid Centrepoint
- 2.5m x 2.5m Grid
- Site Boundary

Base Data

- Railway

N

0 2 4 6 8 10 m

AE PROJECT NO.	2023-3805-00
SCALE	1:600
COORD. SYSTEM	NAD 1983 3TM 114
DATE	2023-11-03
REV	00
DRAWN BY	HS
CHECKED BY	WL
DESCRIPTION	ISSUED FOR REPORT

FIGURE 1-2
SITE INVESTIGATION GRID

TOWN OF BANFF
BANFF OFF-LEASH DOG AREA SITE INVESTIGATION & REMEDIATION

BANFF OFF-LEASH DOG PARK
SITE INVESTIGATION

2 METHODOLOGY

Associated completed the site investigation over two days, October 18 and October 19, 2023. As shown in Figure 3-1, the Site was divided into a series of 2.5m X 2.5m grids with one 30cm shallow excavation dug in the middle of each grid. The excavation was examined for physical contaminants, photographed and subsequently documented using a field tablet to record its location relative to the established grid.

Upon completion of the excavation and documentation of each square plot, any physical contaminants were removed and disposed of at the Site garbage bin. The native material was then deposited back into the excavation and compacted as close to pre-excavation conditions as possible.

3 RESULTS

The data collected was reviewed to identify the composition of the physical contaminants found and visually identify their locations on the grid (see Figure 3-1). The red squares on the figure identify areas where physical contaminants were found, the blue squares represent areas where burn pit materials were found, and the purple squares are areas where both burn pit material and physical contaminants were present.

There was an area identified on the west side of the park closer to the center (the purple and blue areas on Figure 3-1) where the excavation was comprised of burned materials like ash and charcoal briquettes. Other contaminants found were plastics, metals, electrical wires, small bones, and food packaging. No form of chemical contamination was identified or contamination that may meet the Alberta Tier 1 soil and remediation guidelines referenced towards the end of this document.

DRAFT

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\\AE.CA\DATA\WORKING\CGY\2023-3805-00\GIS\ARCMAP\ENV\AE20233805_FIG3-1_CONTAMAREAS_231102.MXD
IMAGERY: ESRI, DIGITALGLOBE, GEOEYE, I-CUBED, USDA FSA, USGS, AEX, GETMAPPING, ROAD: STATISTICS CANADA, 2022; RAILWAY: GOVERNMENT OF CANADA, 2018.

LEGEND

- Grid Centrepoint
- Site Boundary

Base Data

- Railway

Investigation Results

- Burn Pit Area
- Burn Pit Area And Contamination Found
- Contamination Found
- Results Absent of Contamination

AE PROJECT NO.	2023-3805-00
SCALE	1:600
COORD. SYSTEM	NAD 1983 3TM 114
DATE	2023-11-03
REV	00
DRAWN BY	HS
CHECKED BY	WL
DESCRIPTION	ISSUED FOR REPORT

FIGURE 3-1
AREAS OF IDENTIFIED CONTAMINATION

TOWN OF BANFF
BANFF OFF-LEASH DOG AREA SITE INVESTIGATION & REMEDIATION

BANFF OFF-LEASH DOG PARK SITE INVESTIGATION

Table 3-1 Summary of Identified Areas of Contamination

Grid Location	Physical Contaminant(s)
C-13	Plastic.
C-16	A&W fast food wrapper.
D-14	Red plastic.
D-15	Burn pit material.
D-17	Plastic.
E-4	Shard of glass.
E-14	Plastic.
E-37	Crushed aluminum can.
F-12	Plastic.
F-34	Tennis ball.
F-37	Pieces of glass.
F-38	Pieces of electrical wire and hard white plastic.
G-13	Plastic ring.
G-17	Shards of brown glass.
G-25	Bottle cap.
G-32	Piece of black tape.
H-16	Green electrical wire.
H-28	Cigarette butt, plastic, fabric, and fruit snack packaging.
I-14	Burn pit material.
I-20	Metal button.
I-29	Metal nail.
J-4	Shard of glass.
J-12	Burn pit material.
J-13	Burn pit material.
J-16	Plastic container.
J-27	Glass.
J-33	Metal nail.

Grid Location	Physical Contaminant(s)
K-8	Shard of glass.
K-9	Burn pit material.
K-13	Burn pit material.
K-14	Burn pit material.
K-21	Shard of glass.
K-29	Plastic.
K-30	Nothing in excavation. Red brick/tile near excavation.
L-3	Piece of rubber.
L-4	Piece of plastic.
L-8	Burn pit material.
L-12	Burn pit material.
L-15	Piece of plastic.
L-18	Plastic container lid.
L-36	Electrical tape.
M-4	Hard white plastic.
M-9	Burn pit material.
M-10	Burn pit material.
M-11	Burn pit material.
M-12	Burn pit material. Shard of glass.
M-13	Burn pit material.
M-34	Red brick/tiles.
N-7	Plastic.
N-9	Burn pit material. Shards of glass.
N-10	Burn pit material. Shards of glass.
N-11	Burn pit material. Shards of glass.
N-12	Burn pit material.
O-8	Piece of bone.
O-11	Shards of glass.
O-13	Burn pit material.

Grid Location	Physical Contaminant(s)
O-16	Piece of bone.
O-29	Piece of blue tape.
O-33	Electrical wiring. Pieces of metal.
P-9	Shards of glass.
P-10	Shards of glass.
P-11	Shards of glass.
P-13	Piece of bone.
P-14	Piece of plastic.
P-16	Piece of plastic.
P-25	Shard of glass.
P-28	Shards of glass.
P-33	Electrical wire.
P-35	Shards of glass.
Q-15	Pieces of plastic.
Q-17	Piece of plastic.
Q-27	Shards of glass.
Q-28	Shards of glass.
Q-29	Shards of glass.
R-20	Lollipop stick.
R-25	Piece of plastic.
R-32	Metal nail.
R-34	Piece of plastic.
S-12	Pieces of plastic.
S-14	Shards of glass.
S-15	Pieces of plastic. Shards of glass.
S-21	Shard of glass.
S-27	Shards of glass.
T-15	Piece of plastic.
U-5	Piece of plastic.

Grid Location	Physical Contaminant(s)
U-9	Shards of glass.
U-11	Shards of glass.
U-15	Glass bottle.
U-29	Shard of glass.
V-15	Shards of glass.
W-18	Plastic wrapper.
X-25	Shards of glass.

DRAFT

4 CONCLUSIONS

Associated Engineering Ltd. completed a site investigation at the off-leash dog park located at 100 Hawk Avenue in the Town of Banff. Based on the results of the site investigation physical contaminants were found to be dispersed throughout the entirety of the park up to depths of 30 cm below the surface. The main physical contaminant of concern identified was the shards of glass, as they can work their way up to the surface over time and potentially injure pedestrians and animals.

5 RECOMMENDATIONS

It appears that based on the geographical locations of the contaminants and their depth they can pose a risk to those who intend to use the site to walk their dogs, etc. Consequently, it's recommended that the site be capped in such a way as to prevent any contaminant, be it glass or other wise from working its way to the surface. With the contaminants spread as disparately as they are on the site, a clay or synthetic cap of the site will help prevent any of the contaminants from reaching the surface.

An alternative solution would be to remove all the contaminated materials, likely including impacted soil, and dispose of it in an appropriate disposal facility. If this option is pursued, the Alberta Government Waste Control Regulation (see Reference Section) and nearby landfills should be consulted for guidance on disposal criteria. It's recommended that the removed material be replaced with soil that's amenable to the site's vegetation (mostly coniferous trees).

Regardless of which option is selected, special care needs to be taken working in and around the vegetation on the site, specifically around the associated roots.

Signage should also be posted for the public identifying the site being under investigation and who to contact for related information.

Aside from the signage, the cost of capping, or removing the contaminated material would likely be quite significant.

DRAFT

REFERENCES

1. 1996. Alberta Environment and Protected Areas, Waste Control Regulation (Alta. Reg. 192/1996) https://www.canlii.org/en/ab/laws/regu/alta-reg-192-1996/latest/alta-reg-192-1996.html

2. 2023, Alberta Environment and Protected Areas- Alberta Tier 1 soil and groundwater remediation guidelines. https://open.alberta.ca/publications/1926-6243

CERTIFICATION PAGE

This report presents our findings regarding the Town of Banff off-leash dog park Site Investigation. The services provided by Associated Engineering Ltd. in the preparation of this report were conducted in a manner consistent with the level of skill ordinarily exercised by the members of the profession currently practicing under similar conditions. No other warranty expressed or implied is made.

Yours truly,
Associated Engineering Ltd.

Reviewed by:

Baljit Rai B.Sc.
Geologist-In-Training

Klas Ohman P.Eng., Ph.D
Environmental Engineer

APPENDIX A - FIELD PHOTOGRAPHS

Figure-1 C-13: Plastic		**Figure-2 C-16: A&W fast food wrapper**
		
Figure-3 D-14: Red Plastic		**Figure-4 D-15: Burn pit material**
		

Figure-5 D-17: Plastic		**Figure-6 E-4: Shard of glass**
		
Figure-7 E-14: Plastic		**Figure-8 E-37: Crushed aluminum can**
		

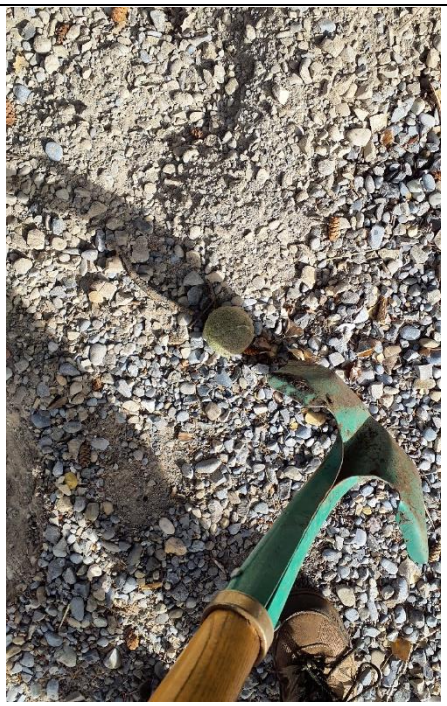
Figure- 9 F-12: Plastic		Figure-10 F-34: Tennis ball
		
Figure-11 F-37: Pieces of glass		**Figure-12 F-38: Pieces of electrical wire**
		

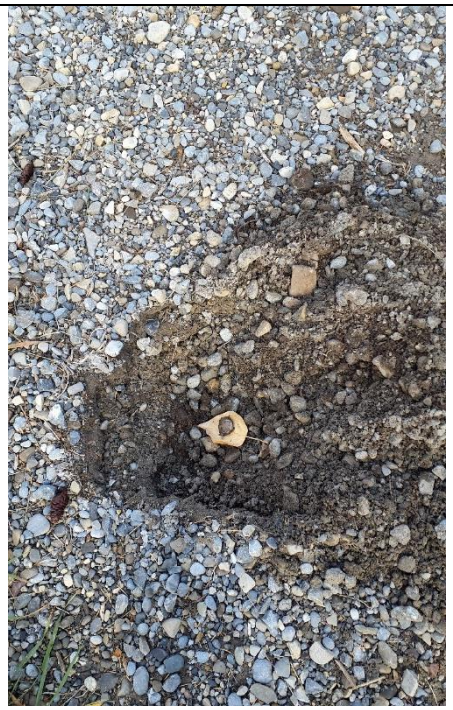
Figure-13 F-38: Hard white plastic		**Figure-14 G-13: Plastic ring**
		
Figure-15 G-17: Shards of brown glass		**Figure-16 G-25: Bottle cap**
		

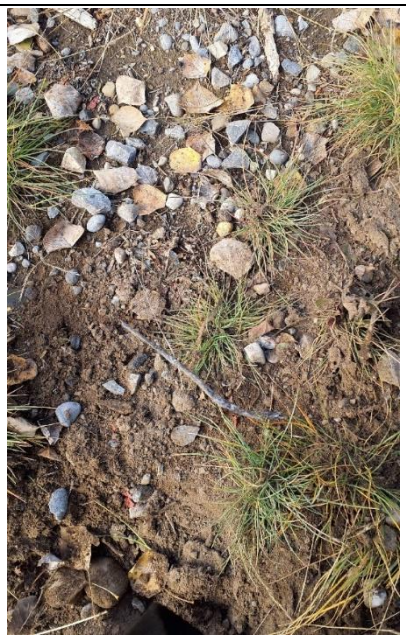
Figure-17 G-23: Piece of black tape		**Figure-18 H-16: Green electrical wire**
		
Figure-19 H-28: Cigarette butt, fabric, and fruit snack packaging		**Figure-20 I-14: Burn pit material**
		

Figure-21 I-20: Metal button		**Figure-22 I-29: Metal nail**
		
Figure-23 J-4: Shard of glass		**Figure-24 J-12: Burn pit material**
		

Figure-25 J-13: Burn pit material		Figure-26 J-16: Plastic container
		
Figure-27 J-27: Glass		**Figure-28 J-33: Metal nail**
		

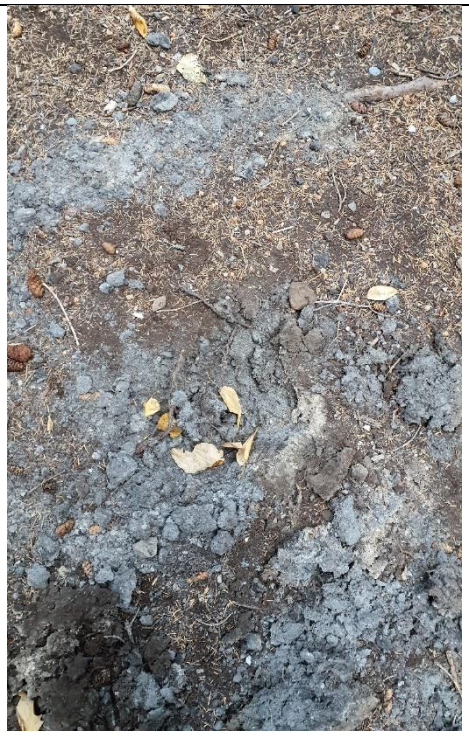
Figure-29 K-8: Shard of glass		Figure-30 K-9: Burn pit material
		
Figure-31 K-13: Burn pit material		**Figure-32 K-14: Burn pit material**
		

Figure-33 K-21: Shard of glass		**Figure-34 K-29: Plastic**
		
Figure-35 K-30: Red brick near excavation		**Figure-36 L-3: Piece of rubber**
		

Figure-37 L-4: Piece of plastic		**Figure-38 L-8: Burn pit material**
		
Figure-39 L-12: Burn pit material		**Figure-40 L-15: Piece of plastic**
		

Figure-41 L-18: Plastic container lid		**Figure-42 L-36: Electrical tape**
		
Figure-43 M-4: Hard white plastic		**Figure-44 M-9: Burn pit material**
		

Figure-45 M-10: Burn pit material		**Figure-46 M-11: Burn pit material**
		
Figure-47 M-12: Burn pit material and shard of glass		**Figure-48 M-13: Burn pit material**
		

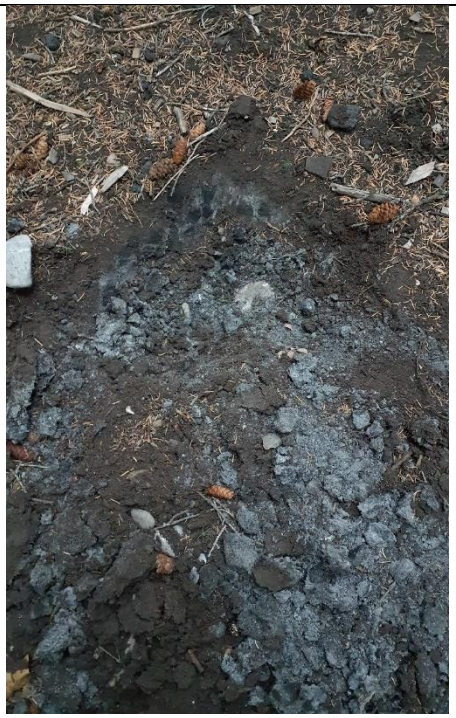
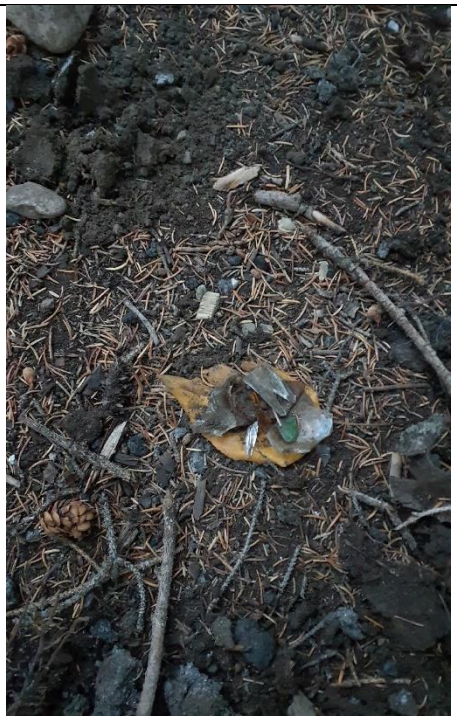
Figure-49 M-34: Red brick/tiles		**Figure-50 N-7: Plastic**
		
Figure-51 N-9: Burn pit material		**Figure-52 N-9: Shards of glass**
		

Figure-53 N-10: Burn pit material and shards of glass		**Figure-54 N-11: Burn pit material and shards of glass**
		
Figure-55 N-12: Burn pit material		**Figure-56 O-8: Piece of bone**
		

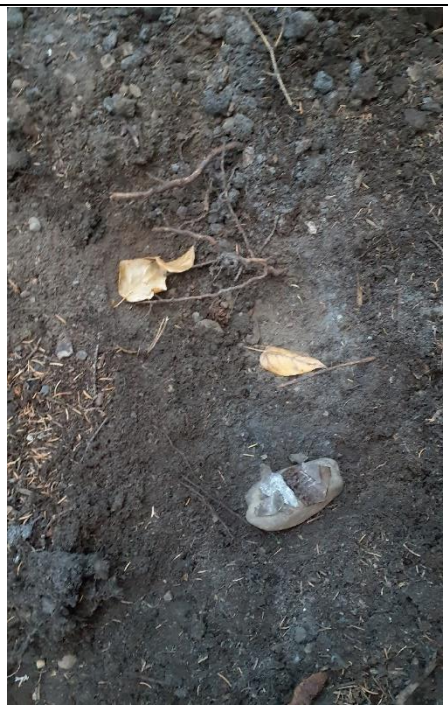
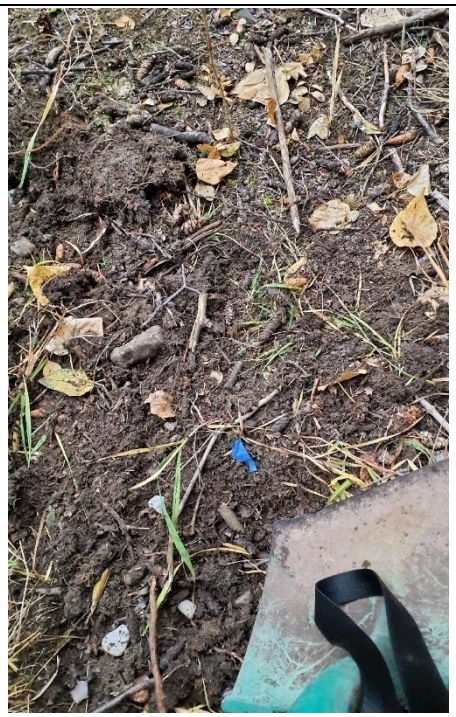
Figure-57 O-11: Shards of glass		**Figure-58 O-13: Burn pit material**
		
Figure-59 O-16: Piece of bone		**Figure-60 O-29: Piece of blue tape**
		

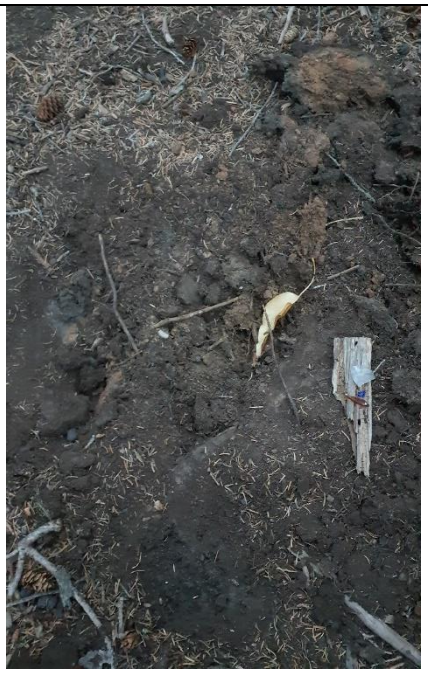
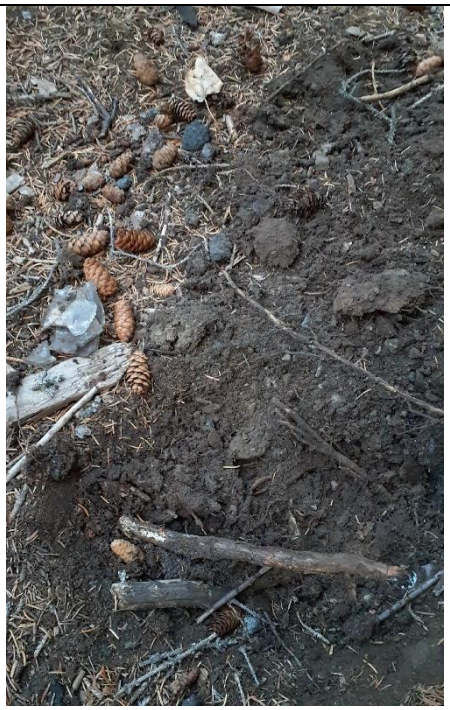
Figure-61 O-33: Electrical wiring and pieces of metal		**Figure-62 P-9: Shards of glass**
		
Figure-63 P-10: Shards of glass		**Figure-64 P-11: Shards of glass**
		

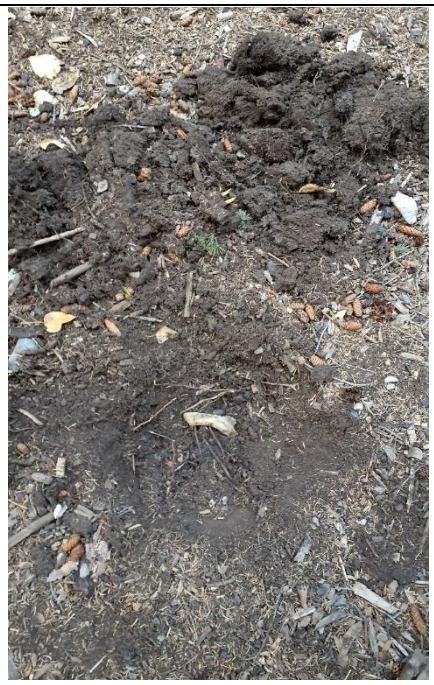
Figure-65 P-13: Piece of bone		**Figure-66 P-14: Piece of plastic**
		
Figure-67 P-16: Piece of plastic		**Figure-68 P-25: Shard of glass**
		

Figure-69 P-28: Shards of glass		**Figure-70 P-33: Electrical wire**
		
Figure-71 P-35: Shards of glass		**Figure-72 Q-15: Pieces of plastic**
		

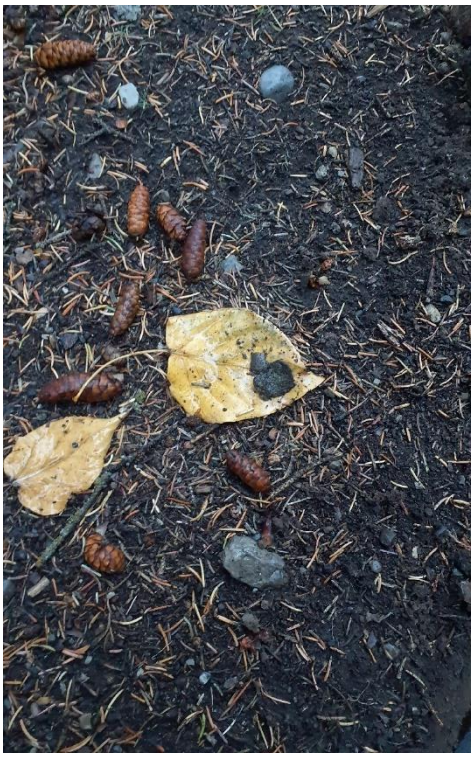
Figure-73 Q-17: Piece of plastic		**Figure-74 Q-27: Shards of glass**
		
Figure-75 Q-28: Shards of glass		**Figure-76 Q-29: Shards of glass**
		

Figure-77 R-20: Lillipop stick		**Figure-78 R-25: Piece of plastic**
		
Figure-79 R-32: Metal nail		**Figure-80 R-34: Piece of plastic**
		

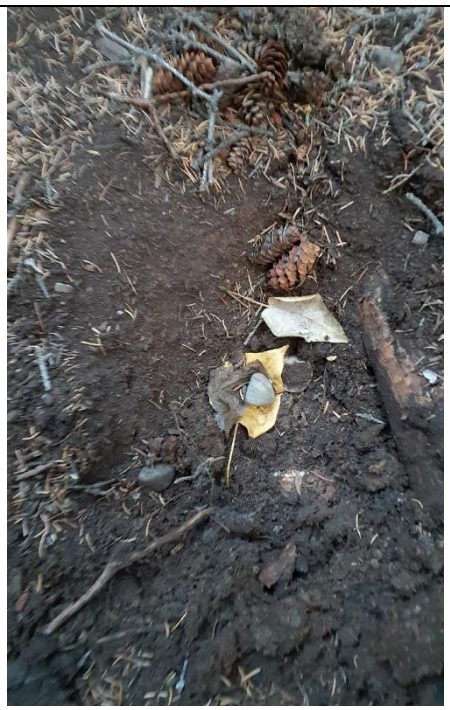
Figure-81 S-12: Pieces of plastic		**Figure-82 S-14: Shards of glass**
		
Figure-83 S-15: Pieces of plastic and shards of glass		**Figure-84 S-21: Shard of glass**
		

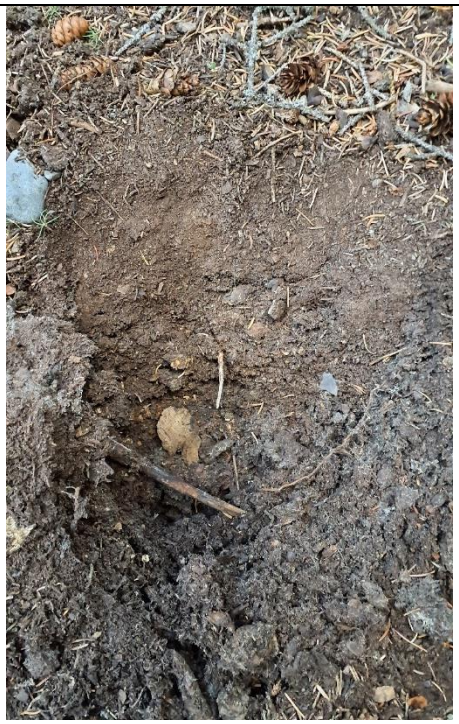
Figure-85 S-27: Shards of glass		**Figure-86 T-15: Piece of plastic**
		
Figure-87 U-5: Piece of plastic		**Figure-88 U-9: Shard of glass**
		

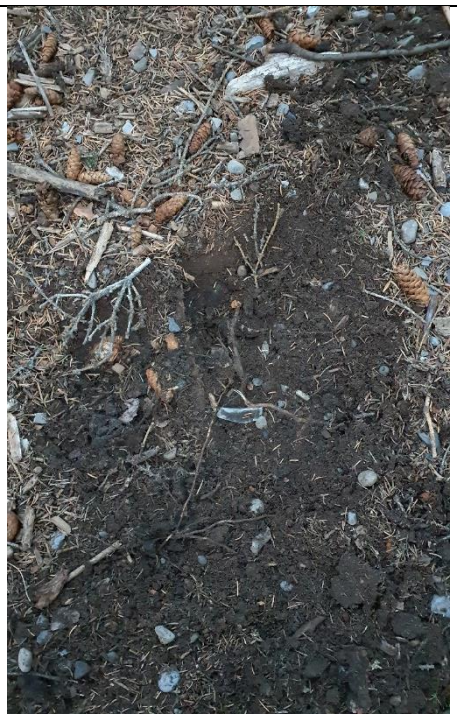
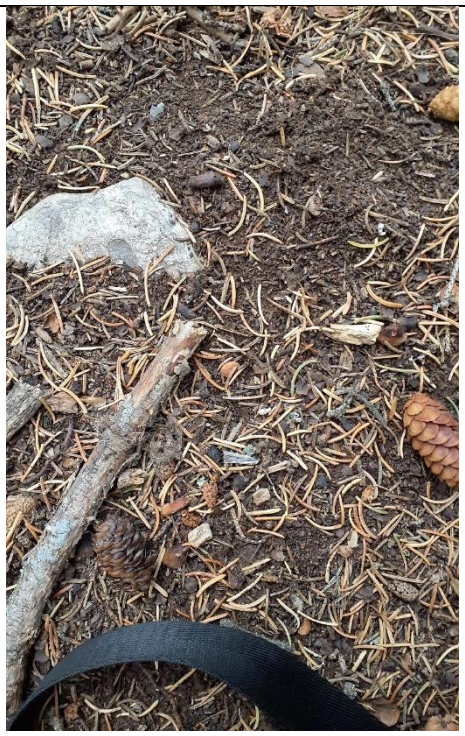
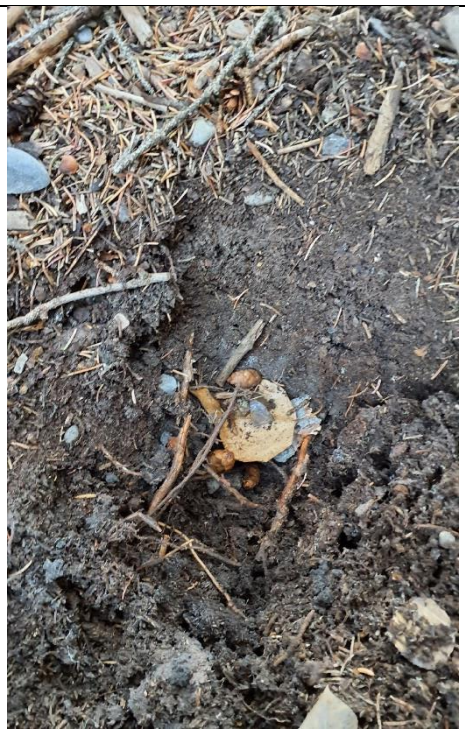
Figure-89 U-11: Shard of glass		**Figure-90 U-15: Glass bottle**
		
Figure-91 U-29: Shard of glass		**Figure-92 V-15: Shards of glass**
		

Figure-93 W-18: Platic wrapper		Figure-94 X-25: Shards of glass
		