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**TECHNICAL REPORT FOR PROSPECTING, MECHANICAL STRIPPING &
PITTING & TRENCHING**

ON THE DIAMOND WILLOW AMETHYST MINE PROPERTY

LEA107759

MAY 10, 2018 TO JUNE 10, 2018

BY BRANDON LEROUX

REPORT COMPLETED BY JANUARY 30, 2019



Technical Report

May 10 2018 to June 10 2018

This Report covers prospecting, Mechanical stripping, Pitting and trenching work carried out from May 10 to June 10 2018 at Diamond Willow Amethyst Mine under our Exploration Permit PR-15-10708. The purpose is to find and locate Amethyst outcrops for future extraction of the Mineral.

Diamond Willow Amethyst Mine located in Pearl Ontario.

Exploration Permit # PR-15-10708 effective dates 2015-07-24 to 2018-07-23

Properties Description- TB-383371 new # 107759 Surface and Mining right Lease

Access to the property Pearl On. follow rd. 5 north to Mine parking lot.





Diamond Willow Amethyst Mine
Surface & Mining right lease TB-
383371 Outlined in blue

Exploration work areas

AREA 1 ,2 & 3 Blue dots identified
by blue dot with #

Exploration Permit #PR-15-10708

Proposed Rate description as past practice

Travel time \$0.50 per km . Traveling from residence in Pass Lake one way =20km
Prospecting per person \$31.25 per hour
John Deere 310 sg Backhoe \$100.00 per hour
Blended in house rate for Drilling and blasting 1-1/4" holes 1' to 4' \$65.00 per hole
-On site Type 9 explosives storage magazine owned by Diamond Willow Amethyst Mine
-In house 1983 Atlas Copco xas 85 Air compressor
-In house Thor 90lbs air drill and steels and carbide bits

Travel and Access description; Travel to the site is off 11/17 at Pearl On. turn on RD. #5 North for 3km to access site. Once at site parking lot we used existing site equipment to explore for more Amethyst for future extraction from the Surface and Mining right lease TB383371. The work described in this report are newly exposed veins, Access to these Exploration areas described in this report are being accessed

by existing haul roads within the mine. The trees in these areas we previously removed in 2015 leaving behind a mix of soil and roots to clear as described in this report.

Area 1 with 5 sub areas within area 1 a, b, c, d & e

Area 1 -Prospecting showed that there was possible veins veering off to the south from the main vein. The main vein of the mine runs east to west. We walked thru **Area 1-a** and discovered some potential veins that we uncovered with grub hoes with further investigating in the treed area we discovered the vein running about another 40' did a little exposing of the veins with grub hoes. **(Area 1-c)**. From that point we had walked north and found 2 more veins **(Area 1-d)** and this prompted us to do a little more Mechanical stripping to the North west **(Area 1-e)**. This location we used grub hoes to expose the 2 extra veins and then mechanically stripped.

We started with **Mechanically stripping** an area approximately 10' wide x 60' long and this is identified as **Area 1-a**. This stripped area is generally running in the North east to South west direction as the Main vein typically run east west thru the area it makes sense to cross strip to see what was possibly there. The trees in this location were cut in Fall 2014 and the soil and roots were not mechanically stripped until 2018. We exposed bed rock and was a sandstone which local geologists call it mudstone. There was a mixture of roots, smaller vegetation and soil to be stripped approximately 1' of soil, moss and smaller trees, the overburden was put to the east side, the surface was not flat, noticing quartz showing up in the mudstone pieces and also after stripping we noticed we had a 6" to 12" wide vein of Amethyst exposed identified as **Area 1-b**. Lastly for Area-1 we mechanically stripped against the bank in **Area 1-e** And exposed 2 more veins, More Exploration will be required for this area.

We decided to perform **Pitting and trenching** to see the potential of this exposed Vein, we performed drilling and blasting with 7 holes for the first blast to open it up and 11 holes for that were slightly delayed for the second blast. The first set of 7 holes were 1' apart 2' deep and drilled on a slight angle, and the second set of 11 holes were placed behind first set back about 2' and these holes were 3' deep. The vein appears to be more that just on the surface after trenching this out and appears that it will run deep. The vein had thick solid quartz with drusy amethyst crystals varying from violet to red on both sides and also on the mud stone host rock.

Area 1 below



Area 1

1-a 10'x 60' mechanically stripped area

1-b-pitting and trenching

1-c-prospecting vein

1-d prospecting vein

1-e prospecting & stripping against bank.

Red line= new veins exposed

Orange line=outline of Area 1

Area 1 Prospecting



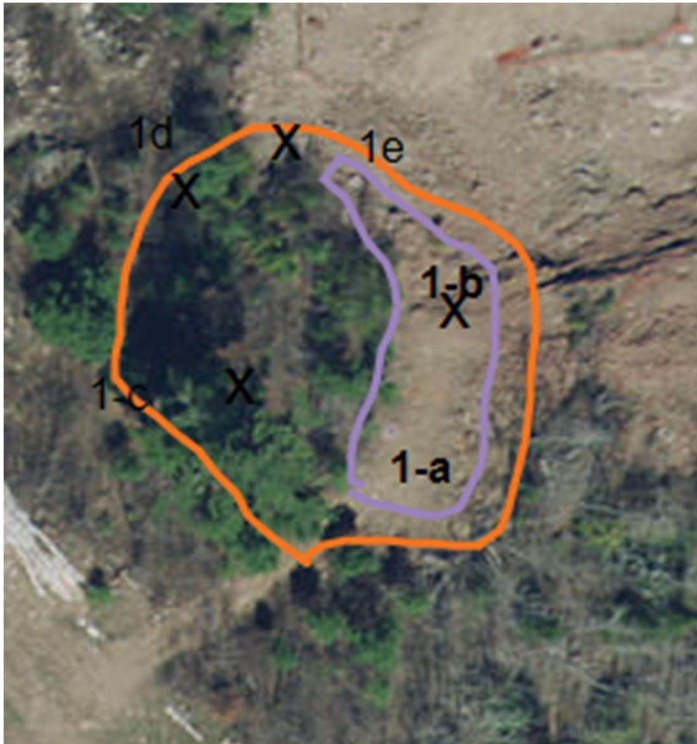
Area 1 Prospecting path

Green Line indicates walking path and grub hoeing 1' x 2' patches exposing vein prior to Mechanically stripping.

Orange line=outline of Area 1

X=grub hoe

Area 1 Mechanical stripping, pitting & trenching.



Area 1 Mechanical stripping

Purple line indicates the area that stripping occurred.

Orange line=outline of Area 1

1-b=trench

AREA 1 Totals

Prospecting Area 1-a,b,c,d & e MAY 10 2018	1 person x 2hx 31.25-	\$62.50
Mechanically stripping Area 1-a, b & e MAY 12 2018	with in house Backhoe 8 hrs x 100	\$800.00
Pitting and trenching Area 1-b MAY 13 2018	18 holes x \$55.00	\$990.00
Area 1 total		\$1,852.50

Location 2-We performed some prospecting as we noticed the vein and exposed the vein with the grub hoes in a few locations. We then mechanically stripped the area south of the Main Amethyst vein, this vein was about 2" up to 4" wide, as we were stripping we also found extra veins more to the south and Mechanically stripped this area as well. The total area size we stripped was about 30' x 60', we will call this area Location 2-a. the small trees were stripped in fall 2014 we mechanically stripped 6" to 8" of soil piled up at the west side on this location. We also performed some pitting and trenching using blasting in the center of Location 2-a. and just beside 2-b These holes were approximately 3' deep and 12" apart.

AREA 2



Area 2

Orange line= outline of area 2

Red lines=new veins

2-a = pitting and trench

2-b=over burden pile



Prospecting

Green line= walking path

Noticed Vein exposed and did light grub hoeing prior to stripping.

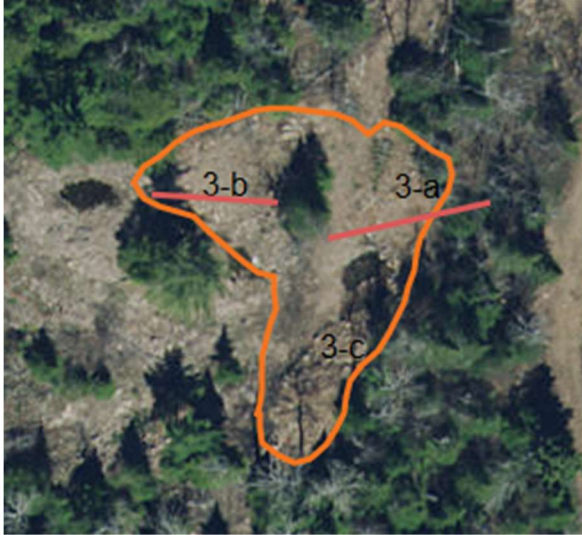
AREA 2 Totals

Prospecting Area 2 MAY 18 2018	1 person x 2hr x 31.25-\$	\$62.50
Mechanically stripping Area 2 MAY 18 2018 & MAY 19 2018	with in house Backhoe 12 hrs x 100	\$1200.00
Pitting and trenching MAY 20 2018	Area 1-b 12 holes x \$55.00	\$660.00
Area 2 total		\$1,922.50

Location 3-We noticed surface veins exposed and I performed some grub hoeing for a couple hours in **Area 3-a & b**, We removed the trees in 2015 and in 2018 we started mechanically stripping this area, we set up an over burden pile located at **Area 3-c** for **Area 3-a & b**. This area has slope and is not flat which makes working harder than on flat surface, We used the Back hoe for 16 hrs Area 3a to 3 c is 16' x 100' long and area 3 b is 10' x 25' long.

Area 3-a we also started Pitting and Trenching with 3 blasts, 16 holes we used until we found signs of solid veining, prior to finding solid veining it was unusual but there were square holes, this picture actually resemble a face with no real veining. Pit is 10' diameter and 4' deep, after we finished our test blasting we found that the veins are running in all directions and have all colours of amethyst from clear, black, violet, red, brown and barite attached to some of the specimens. The stripping was about 2' of silt, bolders, roots and we found chunks of Amethyst found in the silt while stripping.

Area 3-b we started stripping and exposed veins and did some Pitting and trenching one blast with, the Amethyst here had sections with barite.



Area 3
Red lines= new veins
Orange lines=Area 3
Area 3 a=Pitting and Trenching
Area 3 b=Pitting and trenching
Area 3 c= over burden



Area 3
Purple lines= Mechanically stripped area
3a=pit and trench
3b=pit and trench
3c=overburden



Area 3

Green line=prospecting walking path

AREA 3 Totals

Prospecting Area 3 1 person x 2hr x 31.25- JUNE 7 2018	\$62.50
Mechanically stripping Area 3 with in house Backhoe 16 hrs x 100 JUNE 8 2018 & JUNE 9 2018	\$1600.00
Pitting and trenching Area 1-b 19 holes x \$55.00 JUNE 10 2018	\$1,045.00

Area 3 total	\$2,707.50
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Area 1,2 & 3	prospecting	\$187.50
Area 1,2 & 3	Mechanical stripping	\$3,600.00
Area 1,2 & 3	Pitting & trenching	\$2,695.00
Travel	9 trips in and out x 40km= x .50 per KM	\$180.00

REPORT TOTAL	\$6,849.50
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Section below will include pictures of locations.



Area 3-b-Mechanical stripping partially complete.



Area 1-b Ready to blast new trench



Area 2 End of the Quartz vein, opening the face to see if the vein runs deeper than the surface. Just on the n.w. of Area 2 b



Area 2 vein half way thru Mechanical stripping, vein appears to have small vugs showing from surface.



Area 3-a Opening up a pit/trench to see potential.



Area 3-a Notice the triangular opening in the middle of the picture, this ends up opening with the veining going in all direction, we call veinlets.



Area -3 a The result of a blast a vug (pocket opened up and we dug this out, a reddish brown colour.



Area 3, same piece as in previous picture, a smaller piece beside it has nice purple crystals on this piece, these were right beside each other, area 3 is at a lower elevation than Area 1 and 2. In area 1 and 2 the host rock is mostly mudstone and conglomerate while area 3 has mostly granite.



Area 3 a

Starting of Pitting and trenching



Area 1-b Specimen close to surface from trench.



Area 1 b

Specimen from trench close to surface from trench.



Area 1 a to b, Area starting to
Mechanical strip.



Area 2 vein half way thru Mechanical stripping, vein appears to have small vugs showing from surface. This vein is 2" to 4" wide.



Area 2 a + b

Cleaning up blast.



Area 3 a

Face like impression on bedrock, no real signs of normal veining. This is difficult to mine due to the abundance of amethyst everywhere below.



Area 3 a

Closer look, vug opening from the surface.



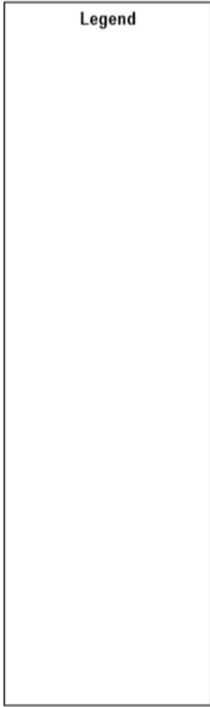
Area 3 a

Post blast look at piece, this trench does not seem normal, this may be due to veins running east and west as well as intersecting veins running at 55 degree thru this area.



Area 3 a

Post blast look at piece, lots of granite piece, that cooled within the quartz(breccia)



Projection: Web Mercator

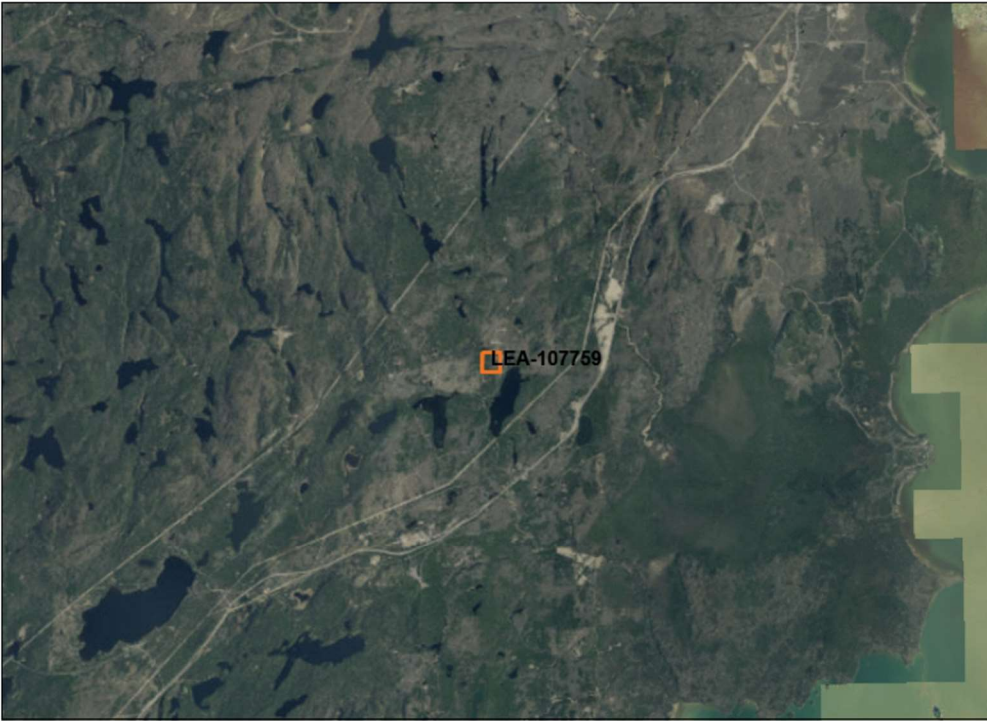


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Legend

0 4.84 km

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Legend

0 0.61 km

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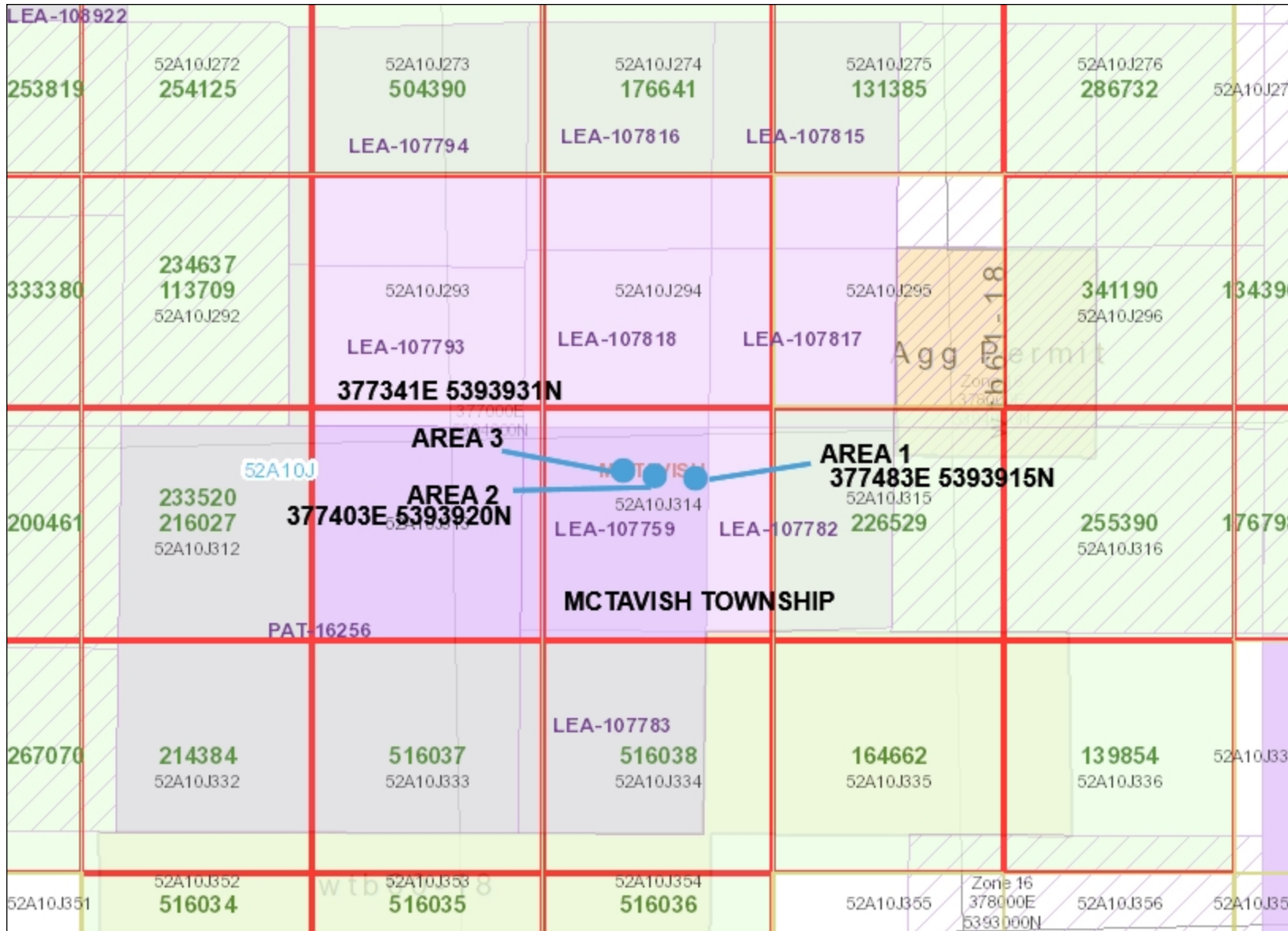
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Legend

Provincial Grid Cell

- Available
- Pending
- Unavailable

Mining Claim

- Mining Claim

Mining Lease

- Surface Rights Only
- Mining Rights Only
- Surface and Mining Rights

Mining Licence of Occupation

- Surface Rights Only
- Mining Rights Only
- Surface and Mining Rights

Mining Patent

- Surface Rights Only
- Mining Rights Only
- Surface and Mining Rights

Mining Division

- Mining Division

MNDM Townships and Areas

- MNDM Townships and Areas

Provincial Grid Group

- Provincial Grid Group

Non-Mining Land Tenure

- Patent, Surface Rights Only
- Patent, Mining Rights Only
- Patent, Surface and Mining Rights
- Lease, Surface Rights Only
- Lease, Mining Rights Only
- Lease, Surface and Mining Rights
- Water Power Lease Agreement
- Licence of Occupation, Surface Rights Only



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UTM REFERENCE AREA 1B-377486E 5393919N

UTM REFERENCE AREA 2A-377406E 5393919N

UTM REFERENCE AREA 3A-377345E 5393931N

Distribution of credits

Work was performed on LEA-107759 owned by Carol Fayle, distribution of credits preferably applied to see below

CLAIM#

226529, 255390, 341190, 164662, 516038 PRIORITY

139854, 176798, 134390 EXTRA

Claim's owned by Brandon Leroux ASSESSMENT WORK MANAGER for Carol Fayle

This concludes this report for exploration work for the Dimond Willow Amethyst Mine, prepare by Brandon Leroux agent. All claims and leases are Owned by Diamond Willow Amethyst Mine. Previous agent letter supplied and signed.

Brandon Leroux -ASSESSMENT WORK MANAGER CLIENT #224301



NOTICE OF DETERMINATION REVISION PAGE

ASSESSMENT WORK REPORT # 1094

-ADDED COVER PAGE WITH TITLE OF TECHNICAL REPORT, PROPERTY NAME, DATE OF COMPLETEION OF THE REPORT & IDENTIFING THE AUTHOR

-ADDED MAP SHOWING, AREA 1,2 & 3, PROVICIAL GRID, MINING LANDS BOUNDRY LINES, TOWNSHIP NAME, UTM COORDINATES, GRAPHIC BAR SCALE AND NORTH DIRECTION.

-PERSONS PERFORMING THE WORK WERE BRANDON LEROUX ASSISTED BY CAROL FAYLE

-ADDED RECIEPTS FOR DIESEL FUEL FOR DODGE 2500 RAM FOR TRAVEL AND RECIEPTS FOR COLOURED FUEL FOR BACKHOE AND AIR COMPRESSOR

-ADDED RECIEPTS FOR EXPLOSIVES