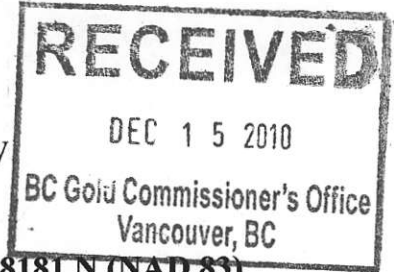


Lat. 59 20' 22" N  
Long. 129 52' 46" W  
NTS 104 P/5 W  
BCGS 104P.031  
UTM 449973 E, 6578181 N (NAD 83)



**GEOLOGICAL AND GEOPHYSICAL  
REPORT ON THE KUHN DEAD GOAT  
TUNGSTEN-COPPER DEPOSIT,  
KUHN LAKE, CASSIAR, B.C.  
LIARD MINING DIVISION**

**BC Geological Survey  
Assessment Report  
31833**

**Written for:  
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**December 5, 2010**

**31,833**  
**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

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## 1.0 SUMMARY: KUHN TUNGSTEN PROPERTY, CASSIAR, B.C

Fundamental Resources Corp is 100% owner of MTO BC mineral tenures 562960, 565034, 565035, 568238, and 568239 (recently added 834323). The mineral claims (collectively referred to as 'Kuhn tungsten') are located in the Cassiar mining district within the Liard Mining Division of northwest British Columbia.

Within the boundary of the Kuhn mineral claims, there are several developed tungsten-molybdenum-copper metasomatic skarn lenses with the following drill indicated tonnage figures (Shell Canada Res. Ltd., 1982). The historic estimate is based on 50-100 meter spaced drill holes and can not be relied upon in terms of current standards of technical reports (historic estimate is non-compliant with NI-43-101):

Zone Name	Tonnes	% WO <sub>3</sub>	% MoS <sub>2</sub> , Cu
Kuhn North, Lower 3A Band	409,300	0.48	0.134 MoS <sub>2</sub>
Kuhn North, Upper 3A Band	78,700	0.50	
Dead Goat	100,900	0.49	
Dead Goat (deeper lens)	27,600	0.39	0.16% Cu

The main focus of future exploration and development on the Kuhn claim involves outlining additional drill indicated resource estimates down-dip (to the east) and along strike length north and south following the Lower 3A Band which thickens to a true width of +22 meters in this direction (as well as the Upper 3A Band), of the Kuhn Main Zone. In addition, there are W-Cu bearing skarn deposits in the southwest portion of the Kuhn claim (Dead Goat Zone), as well as several quartz stockwork zones (bulk tonnage targets, e.g. ridge directly east of Kuhn Main Zone) should be evaluated for porphyry style Mo (Cu?) bearing mineralization in quartz and K-feldspar altered Cretaceous quartz monzonite stocks.

Lower 3A Band (Kuhn Main Zone), appears to have the best potential for the development of an economic W-Mo lens, covering a strike length of 350 m (between L 0+50 S and 3+00 N), and ranging in width between 3-22 m (Moffat, 1982).

The Dead Goat W (Cu-Zn) Zone occurs in an area of structural complexity. Rock chip sample geochemical analysis in 2010 for Fundamental Res Corp by Pioneer Labs Ltd (report 2102679) results are listed in the following table:

sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	% W
KU10AR-1	30 cm	1	5	412	27	8	35	60	0.165
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	0.037
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	0.283
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	n/a
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	n/a
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	0.379
KU10AR-7	15 cm	1	5	2633	22	20	15	372	0.603
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	0.551

Rock chip sample KU10AR-4 is located in the south portion of the grid area and appears to have a different geochemical affinity (high Pb-Zn-Ag-Sb). The other rock chip samples located near the Dead Goat Zone are primarily tungsten and copper bearing, with minor amounts of lead-zinc-silver, and very little arsenic-antimony.

Diamond drill hole testing of the Dead Goat mineral zone is recommended in the area located approximately 50-100 meters east of Shell Canada's DDH-80-B-1 to 5, testing down-dip and lateral extension of W (Cu-Zn) bearing skarn mineralization.

The magnetometer survey suggests that weak zones of magnetite and/or pyrrhotite are located at the following grid co-ordinates (Fig. 11, north grid Dead Goat Zone):

**MAG HIGHS:**

Location	Grid Northing (2010)	Grid Easting (2010)	Magnetometer Reading nT
Near DDH 80B-2 Dead Goat Zone	82+50 N	1+25 E to 1+37 E	58,138 & 58,014

The magnetometer survey also crudely outlined weak zones of alteration, defined by zones of total field magnetic low readings located at the following grid co-ordinates (Fig. 11 and 12, north and south grid, Dead Goat Zone):

**MAG LOWS:**

Location	Grid Northing (2010)	Grid Easting (2010)	Magnetometer Reading nT
Near DDH 80B-1 Dead Goat Zone	83+00 N	1+50 E	56,948.8
Sphalerite-galena-stibnite showing in fold hinge axis, 300 m S of Dead Goat Zone	78+50 N	0+87 E, 1+00 E, 1+12 E	56,316.0, 54,484.8, 54,011.4

The magnetometer survey outlines a poorly defined low in the south portion of the grid (near the ridge crest at 1,800 meters elevation), located 300 meters

south of Dead Goat Zone, and approximately 50 meters east of where sphalerite-galena-stibnite mineralization occurs (Fig 3). This area is geologically mapped as an anticline fold axis, and represents a buried target (possible altered rock and/or magnetite/pyrrhotite lens or multiple lenses).

Magnetometer readings along L 82+50 N and 83+00 N indicate there is a moderate strength anomalous (2 reading) high flanked to the north by a weak strength (1 reading) low. The interpretation of this anomaly is not clearly understood, but the location of the anomalies is on the east flank of the ridge crest and further hand trenching and drill testing in this area is warranted. Diamond drill holes aligned in a fence pattern should be aimed westerly at moderate angles to intersect the depth extensions of these magnetometer anomalies.

Skarn deposits are currently the most important source of tungsten, e.g. Cantung 1,200,000 tonnes 1.64%  $WO_3$  and 0.1% Cu, Mactung 32,000,000 tonnes 0.92%  $WO_3$ . Both the Cantung and Mactung have recently been re-activated (due to the increased demand for tungsten). Both Cantung and Mactung are hosted by folded and upthrusted Cambrian age carbonate and clastic sediments which are intruded by Cretaceous quartz monzonite/granitic intrusives.

The geological setting of the Kuhn claim is similar to Cantung and Mactung. The Kuhn claim contains two parallel mineralized skarn zones which are traced on surface over 2 km. The drilling performed by Shell Canada tested areas of several hundred meters strike length. There is potential for additional W-Mo-Cu skarn mineralization, with the possibility of several million tonnes of reserves down dip and along strike. There is also a quartz molybdenite-scheelite stockwork which may be the upper edge a more deeply buried W-Mo porphyry system, similar to the Logtung deposit.

There are also possibilities for the discovery of deposits of ornamental dimension stone (zebra marble, rhedocrosite, rhodonite), industrial grade garnet (for abrasives) and wollastonite (for ceramics and paints) from the area within and adjacent to the Kuhn property.

## 1.0 INTRODUCTION

This report was prepared at the request of Fundamental Resources Corp. to describe and evaluate the results of geological mapping, rock chip sampling, and magnetometer surveys carried out on the Kuhn mineral tenures located 5 km north-northwest of Cassiar, B.C., within the Liard Mining Division.

Field work was undertaken for the purpose of evaluating economic mineral potential of W-Mo-Cu bearing sulphide and oxide zones (and Industrial mineral potential) that occurs within the Kuhn property. Field work was carried out between July 23-27, 2010, and supervised by Andris Kikauka (geologist).

This report is based on published and unpublished information and maps, reports and field notes.

## 2.0 LOCATION, ACCESS, PHYSIOGRAPHY

The Kuhn claim is located 150 km south of Watson Lake, Y.T. where the airport has jet service to Whitehorse, Y.T., Edmonton, Alta., and Vancouver, B.C. The Kuhn claim is 5 km north-northwest of Cassiar, B.C. Access to the Kuhn claims is via the locked gate through the Cassiar town site, located in the Troutline Creek valley about 9 km west of Highway 37. From the Cassiar town site, proceed by 4-trax, motorcycle or mountain bike along the de-commissioned mine access road which follows the south draining creek valley immediately west of Mt McDame to the open pit Cassiar Chrysotile deposit. The mine access road can be followed to within 600 m of the Kuhn claim LCP. Where the chrysotile mine road starts heading east up to the north ridge of Mt McDame (at 1,490 m, or 4,888 ft elevation), there is a 4-WD cat road that proceeds north and follows a north draining creek valley for 3 km, then 2 km west along the 1,450 m (4,757 ft) contour and then proceeding 2 km south to the Kuhn Main Zone (at 1,600 m, or 5,250 ft elevation) located near the centre of the Kuhn claim. The last 450 m of the 4-WD access road has the steepest grades and averages about 20 percent.

The terrain is best described as one of the complex mountainous topography, rugged mountainous dissected by incised U-shaped valleys ranging in elevation from 1,420-2,023 m (4,659-6,637 ft.). The higher peaks and ridges are sharp crested, especially in the southwest portion of the claim where the "Dead Goat Zone" is located. The property does not have cirque glaciers or permanent snowfields because of the cold/dry winter and mild/dry summers characteristic of the interior climate of Northern B.C. The high relief encompasses a wide range of climate depending on elevation. Climate in the Cassiar area is described as semi-arid.

Since there are snow accumulations in the order of several feet deep in winter, as well as early spring and late autumn, the recommended work season for high elevations is between July and September. The lower elevation zones could be explored from June-October. Year round access to the Kuhn Main Zone is possible with a program of snow clearing and avalanche control in some slide sensitive zones on the steep slopes adjacent to the road from December to April.

## 3.0 PROPERTY STATUS

The mineral claims (collectively referred to as 'Kuhn tungsten') are located in the Cassiar mining district within the Liard Mining Division of northwest British Columbia and consist of MTO BC mineral tenures 562960, 565034, 565035, 568238, and 568239 (recently added 834323). The total area covered by the claim group is 1,370.38 hectares. Claim details are listed in the following table:

Tenure number	Name	Good to date	Area in hectares
568238	Kuhn	Sept 12, 2011	709.73
565034	Kuhn 4	Sept 12, 2011	115.59
565035		Sept 12, 2011	214.70
562960	Kuhn 2	Sept 12, 2011	16.52
568239	Kuhn 3	Sept 12, 2011	214.71
*834323	Kuhn 10	Sept 26, 2011	99.13

\*Note- this tenure number recently added and not part of assessment report filing

The Kuhn claim's registered owner is William E. Pfaffenberger, a director of Fundamental Resources Corp. The writer is not aware of any encumbrance or hindrance of development within the boundaries of the Kuhn claim.

The Kuhn claim's registered owner is William E. Pfaffenberger, a director of Fundamental Resources Corp. The writer is not aware of any encumbrance or hindrance of development within the boundaries of the Kuhn claim.

#### 4.0 AREA HISTORY

The Cassiar Mining District features a wide assortment of mineral deposits which include: Cassiar Chrysotile (Asbestos) Mine (and semi-precious by-products such as nephrite and rhodonite), W-Mo skarn and cupriferous pyrrhotite replacement (e.g. Kuhn), Mo deposits (e.g. Cassiar Mo south of Lang Creek, and the Storie/New Jersey Zinc), massive sulphide (e.g. Lang Creek Cu), Ag-Pb-Zn bearing veins with mangiferous magnetite gangue (e.g. Lower Cambrian Atan Group hosted veins located 1-2 km south of and 3 km north-northwest of the Cassiar town site), auriferous quartz-sulphide vein/replacement deposits (e.g. Cusac, Erickson, Taurus, Table Mountain, Sky, Goldhill, Rocky Ridge, Nora, Reo, Wings Canyon, Klondike Fraction, Elan, Lyla, Boomerang, Bozo, Hopeful, Snow Creek, Vollaug, and Hunter).

A brief description of major mineral deposits of the Cassiar mining district are listed below:

The Cassiar Chrysotile (Asbestos) Mine was in production from 1952-1990. The property staddles a 6,300 ft (1,920 m) spur of the main ridge of 3.5 km northwest of Mount McDame. Mill and town site are located 3 km south of the open pit along the Troutline Creek valley at 3,640 ft (1,079 m) elevation. The ore body, containing chrysotile asbestos, is an elongated body of serpentine bounded by metamorphosed sedimentary rocks on the west and by inter-layered metamorphosed sediments and volcanic flows on the east. High grade chrysotile asbestos occurs as fracture filling/replacement in serpentine lenses and tabular dyke-like bodies oriented at a bearing of 345 degrees, dipping 45 degrees east. Production rates were variable over more than 30 years and averaged approximately 250,000 tons per year. In general, the ore circuit in the mill is as

follows: After crushing and drying, fibre is freed from the rock by impact methods, aspirated from screens by means of an exhaust fans, and collected and cleaned by cyclone collectors. The discharge of reject fines from the screens is by gravity through a number of ducts to conveyors with discharge to the tailings. The combination of fibrous structure, low heat conductivity, high electrical resistance, and chemical inertness are the main physical properties that give chrysotile a wide range of industrial applications. Nephrite and rhodonite also occur in the ultramafic belt north of Mt McDame, which are cut and polished as ornamental stone. Small lenses of chromite occur in dunite from the Mt McDame area. Samples of some of the dunite returned assay values of 0.1-0.3% nickel.

The gold bearing veins and gravels of the Cassiar district are located northeast of the ultramafic belt (Fig. 4). Placer gold was discovered on McDame Creek in 1874 and following a stampede of placer mining activity which lasted several decades a significant amount of gold was separated from the gravel benches, including a 78 ounce nugget (the largest documented gold nugget in B.C.). The placer gold is believed to have originated from quartz veins hosted by volcanic rocks of the Sylvester Group, which carry free gold, pyrite and tetrahedrite. These veins are particularly abundant in the area between Pooley Creek and the mouth of Quartz Creek. The Erickson Gold Mine produced 103,179 ounces of gold and 91,400 ounces silver from 191,283 tonnes milled (1979-83). Erickson Gold lists reserves of 118,980 tonnes @ 18.2 g/t Au, 16 g/t Ag. Taurus produced 13,718 ounces of gold and 2,145 ounces silver from 85,275 tonnes milled (1981-83). Taurus lists reserves of 71,427 tonnes @ 7.03 g/t Au. Cusac (Cordoba) lists reserves at 45,360 tonnes @ 13.37 g/t Au and 7.5 g/t Ag.

Molybdenite is concentrated near Cretaceous quartz monzonite intrusive contacts in fractures, quartz veinlets, and disseminations with minor pyrite, and rare secondary K-feldspar and yellow to purple coloured fluorite. At Storie molybdenum deposit, molybdenite is present as disseminations throughout the youngest fine-grained porphyry dyke as well as in fractures and some quartz veins in the coarse grained quartz monzonite. Both the Storie and Cassiar molybdenum deposits lack significant breccia zones and large scale quartz stock works or vein systems. Mineralization is associated with small dyke-like intrusions that are more high differentiated phases of relatively high-temperature and low overall water content quartz monzonite intrusions (Panteleyev, 1979). Cassiar Mo has an 885 meter long adit driven and 457 m of core drilling. The Storie Mo deposit has 7,796 m of core drilling.

Scheelite is common in the west portion of the Cassiar Mining District hosted in garnet-pyroxene skarns that contain accessory calcite, fluorite, chlorite, epidote, scapolite, apatite, magnetite, variably mineralized with pyrite-pyrrhotite-scheelite-molybdenoscheelite-chalcopyrite-sphalerite-stibnite-molybdenite. Mineralization is formed at or near the main contacts of the Cassiar Intrusive Complex, consisting of Cretaceous/Jurassic quartz monzonite, graniorite, granite, pegmatite, and/or porphyritic granite. Higher concentrations of scheelite are hosted in Lower



Cambrian Atan Fm marble, quartzitic hornfels, and calc-silicates as well as Proterozoic Good Hope Fm carbonates (deformed and re-crystallized to marble), quartzitic hornfels, and calc-silicates. Lamb Mountain, located approximately 8 km northwest of the Cassiar Chrysotile open pit, features a 4.5 m wide calc-silicate band that contains 0.13%  $WO_3$  and 0.02% Cu + Zn, with molybdenite present in greisen veins at the intrusive contact. A number of skarn bands up to 200 m from the intrusion also contain scheelite.

Another type of minor tungsten occurrence was discovered 1.5 km west of the Storie Mo deposit in which quartz veinlets in Atan hornfels contain scheelite near the intrusive contact with quartz monzonite. The quartz-veined hornfels is overlain by barren, thinly banded epidote-garnet skarn formed at the base of the Atan carbonate upper unit. Along strike to the north and east, the banded skarn contains lenses up to 8 m wide with massive magnetite, pyrrhotite, and minor quartz, wollastonite, and tremolite. The skarn bands contain approximately 0.03%  $WO_3$  and minor Cu, Pb, Zn, Sn, Bi values. A magnetite-rich skarn lens located southwest of Needlepoint Mountain was found by J.J. McDougall in 1954 to contain Be in helvite. Later, danalite was identified as the beryllium bearing mineral (Thompson, 1957).

Copper occurs as a conformable massive sulphide lens located in Lang Creek, which are up to 2 m thick, hosted in Devonian/Mississippian Sylvester Group argillite and greenstone. A sample across the exposed 1 m wide sulphide layer assayed 1.7 ppm Au, 36 ppm Ag, 1.84% Cu, 0.12% Pb, and 0.77% Zn.

A mineral zone that occurs in Lang Creek consists of a 4 m wide replacement zone with pyrrhotite and arsenopyrite. A sample across 3.3 m contains 2 ppm Au, 22 ppm Ag, 0.11% Cu, 0.03% Pb, 0.005% Zn, 0.04% Bi, 1.5% Sn.

Cantung and Mactung are located 200 km northeast of Ross River, Y.T. They are both world class tungsten deposits (Cantung 1,200,000 tonnes 1.64%  $WO_3$  and 0.1% Cu, Mactung 32,000,000 tonnes 0.92%  $WO_3$ ). Both the Cantung and Mactung have recently been re-activated (due to the increased demand for tungsten). The geological setting of Cantung and Mactung are similar to the Kuhn, i.e. hosted by folded and upthrust Cambrian age deformed and re-crystallized carbonate and clastic sediments which are intruded by Cretaceous quartz monzonite/granitic intrusive. Structures such as fold hinges and limbs of attenuated folds are important ore controls at Cantung and Mactung, with several episodes of high angle, post-ore normal faults.

## 5.0 KUHN PROPERTY HISTORY AND GEOLOGY

The Kuhn property was originally staked by Bill Kuhn in 1978. Trenching of scheelite-molybdenite bearing garnet-diopside skarn in Lower Cambrian Atan Fm returned assays of 0.67%  $WO_3$  across 5.5 m. In 1979, Shell Canada Resources Ltd optioned the property from prospector Bill Kuhn. Shell completed 337 m of trenching, and 17 NQ diamond drill holes totalling 1,766 m (Moffat, 1982).

The Kuhn Zone (Main) Skarn, developed along the footwall contact of the Atan Fm carbonate sequence, has been drill tested over a strike length of 350 m and has potential for hosting an economic W-Mo deposit. The zone is composed of two parallel skarn bands referred to as the "Upper 3A" and "Lower 3A", which range from 3-22 m in width (Moffat, 1982). The 3A and 3B Zones are separated by approximately 12-25 m of barren dolomite and marble. Disseminated scheelite and molybdenite occur in massive garnet-diopside-quartz-actinolite skarn which contains chlorite-magnetite-pyrrhotite and pyrrhotite-pyrite lenses.

The Upper 3A band contains drill indicated and inferred reserves totalling 78,700 tonnes grading 0.5%  $WO_3$  within a 70 X 74 m block which is 5 m thick. The Lower 3A band contains 409,300 tonnes of drill indicated and inferred reserves grading 0.48%  $WO_3$  and 0.134%  $MoS_2$  within a block 215 m long and 130 m wide (down dip) X 6 m average width. Within the Lower 3A band is a higher grade block containing 232,790 tonnes grading 0.61%  $WO_3$  and 0.24%  $MoS_2$ . Both the Upper and Lower 3A bands dip at 38 degrees to the east.

Quartz-molybdenite stock work veining was encountered in several holes testing the footwall biotite-cordierite-quartz hornfels beneath the Kuhn Zone (Main) Skarns. The stock work may be the leading edge of a buried porphyry Mo-W system similar to the Logtung deposit.

The Kuhn Zone (Main) Skarn extends 1 km north (to Kuhn Lake) and 1.3 km south (to the south boundary of the Kuhn claim). The overall strike length of the Kuhn Zone is approximately 2.5 km.

The Dead Goat Skarn is developed within Proterozoic Goodhope Group marbles along the eastern edge of the Cretaceous Cassiar Intrusive Complex, primarily composed of quartz monzonite. This marble-intrusive contact lies approximately 1,200 m west-southwest of the Kuhn Main Zone (approximately 800 m stratigraphically beneath it). A garnet-diopside-actinolite metasomatic skarn containing scheelite-chalcopyrite has been traced for a strike length of 600 m, averaging 1-6 m in width. Five diamond drill holes by Shell, totalling 343.5 m., tested the north portion of the skarn over a strike length of 380 m. Drill indicated reserves are calculated at 100,900 tonnes grading 0.49%  $WO_3$  contained in a block 116 m long X 45 m wide (down dip), X 6 m average thickness. A deeper skarn pod parallel to and 20 m below Dead Goat Main Zone contains an additional 27,600 tonnes grading 0.39%  $WO_3$ , and 0.16% Cu (Moffat, 1982).

In 1984, UBC carried out isotope and mineral equilibria studies of the Kuhn W-Mo skarn and Dead Goat W-Cu skarn (Cooke, 1984). The detailed study showed 4 metasomatic facies at Kuhn are lithologically and structurally controlled: 1) Prograde massive calc-silicate W-Mo-Fe. 2) Layered calc-silicate Fe. 3) Banded oxide Fe-W-Mo. 4) Retrograde massive sulphide Fe-Zn-Cu-W. These skarn assemblages replace marble, hornfels, dolomite along contacts, fractures and faults. Only the massive calc-silicate attains ore thickness, but the banded calc-silicate and oxide facies are useful in mineral exploration because they suggest the presence of buried, mineral-bearing intrusions (Cooke, 1984). Calc-silicate mineral zoning resulted from dissolution, infiltration-diffusion and deposition of  $\text{SiO}_2$ ,  $\text{CaO}$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{MgO}$ ,  $\text{H}_2\text{O}$ , and  $\text{CO}_2$  in marble, dolomite and hornfels by magmatic fluids. Higher grade minerals such as garnet in quartz skarn and plagioclase in banded oxide facies skarn signal proximity to a felsic intrusion (within tens of meters). Metallic mineral zoning was formed by infiltration of relatively W-, Mo-,  $\text{O}_2$ -, and  $\text{S}_2$ -rich magmatic fluids and mixing of relatively Fe-, Zn-, and Cu-rich,  $\text{O}_2$ -, and  $\text{S}_2$ -poor formational waters along permeable zones in skarn (Cooke, 1984). This zoning is useful in guiding mineral exploration from distal sphalerite & chalcopyrite-rich skarns to more proximal scheelite & molybdenite-rich skarns.

In 2002, Fundamental Resources Corp carried out geological and geochemical surveys on the Kuhn claim. A summary of these results are listed as follows:

An area of 0.5 X 1.6 km (80 hectares) was mapped in the Kuhn Main Zone and 0.5 X 0.8 km (40 hectares) was mapped in the Dead Goat Zone at a scale of 1:5,000. A total of 4.6 km of grid line running east-west in the north half and 1.5 km of grid line running east-west in the south half of Kuhn Main Zone. A total of 0.9 km of grid line running east-west was surveyed in the Dead Goat Zone. Lines were surveyed with hip chains and compass. Flagging, and aluminum tags were used to mark stations at 50 m intervals. Slope correction was maintained with clinometers.

A total of 139 soil samples were taken at 50 m intervals. Out of the total soil samples taken, 92 came from the north portion of the Kuhn Main Zone, 30 from the south portion of the Main and 17 from the Dead Goat Zone. Samples were taken with a grubhoe from a depth of 20-35 cm and consist of talus fines, the soil horizon is poor to moderately well developed in the grid area and the soil sample material is considered to be weathered 'C' horizon and modified and leached 'B' horizon.

In 2002, a total of 18 rock chip samples were taken from the Kuhn property.  
 Rock chip sample descriptions are listed below

Sam-ple #	East-ing	Nor-thing	Desc-ription	Mg O %	CaO %	Fe %	K <sub>2</sub> O %	Cu ppm	Zn ppm	Ag ppm	Mo ppm	W ppm
102-901	1+9 0 E	3+0 0 N	18% pyo	0.74	2.31	25.0 6	0.40	2236	85	1.0	4	20
102-902	1+8 5 E	3+0 0 N	red garn- et- gree- n diop.	9.55	21.0 8	1.95	0.52	26	79	0.3	2	16
102-903	9+6 0 W	2+0 0 S	"	0.13	7.39	2.80	0.01	111	192	0.3	4	36
102-904	10+ 00 W	2+4 0 S	20% pyo	0.47	5.85	34.4 1	0.01	7295	225	2.2	24	1058
102-905	13+ 10 W	4+0 0 S	qtz. monz  diss. py.cp	0.34	0.58	1.49	0.04	32	63	0.3	12	11
102-906	0+0 0 E	6+0 0 S	QFP- horn- fels	0.33	1.78	4.09	0.34	24	84	0.3	13	6
102-907	0+0 0 E	11+ 00 S	mass . pyo. az06 5 creek	0.31	4.15	34.9 8	0.16	3198	1197	2.4	6	1302
102-908	0+0 0 E	11+ 50 S	sph. qtz. x- tals,c p	0.03	0.18	36.6 7	0.08	528	3095	1.5	3	17
102-909	0+3 0 W	11+ 80 S	mass . sph. at QFP- lst.	0.01	0.05	16.4 8	0.02	1587	9999 9	8.3	6	2
102-910	1+2 5 W	10+ 10 S	sph. pyo. garn- et- actin.	0.17	5.30	20.4 1	0.01	1719	9999 9	0.3	14	609
102-911	1+3 5 W	8+8 0 S	sph. cp.py	0.52	6.39	14.0 4	0.01	1063	7157 5	0.5	83	800
102-912	1+3 5 W	8+5 0 S	20% pyo.	0.26	7.39	29.3 4	0.02	1117	5215	0.8	1	1237

102-913	0+0 8 E	1+2 0 N	garn et actin	2.80	7.78	8.63	0.13	203	885	0.4	22	305
102-914	0+0 6 E	1+2 0 N	same	1.17	11.3 7	7.37	0.01	443	214	0.5	107	425
102-915	0+2 5 E	1+8 0 N	garn et actin.	0.07	3.97	4.32	0.02	114	23	0.3	6	69
102-916	1+3 0 W	8+5 0 S	same	0.49	3.46	18.8 6	0.01	2280	9999 9	0.6	104	641
102-917	1+3 3 W	9+3 0 S	same	0.31	3.10	4.14	0.01	307	4806	0.3	1743	1436
102-918	1+3 0 W	9+7 0 S	same	0.34	6.27	20.6 1	0.01	3224	9999 9	1.1	8	259
Sam- ple #	East- ing	Nor- thing	Desc ription	Mg O %	CaO %	Fe %	K <sub>2</sub> O %	Cu ppm	Zn ppm	Ag ppm	Mo ppm	W ppm

#### KUHN MAIN ZONE (2002 FRC Fieldwork cont.):

Most of the rock chip samples were taken from the south (102906-12, 102916-18) portion of the main zone where there are high elevation (1,600-1,760 m) exposures of the 3A skarn bands (upper and lower), hosted along the unit 2 upper carbonate-lower hornfels contact. The continuation of the same skarn band (hosted in unit 2) in the north portion of the grid (north of L 3+00 N), contains no outcrop, and is covered by 4-20 m thickness of overburden. Diamond drilling by Shell Canada in 1981 encountered overburden problems with DDH 80-A-2, situated in the north part of the grid.

Lower 3A Band appears to have the best potential for the development of an economic W-Mo deposit, covering a strike length of 350 m (between L 0+50 S and 3+00 N), ranging in width between 3.5-22.0 m. In all drill sections, the Lower 3A skarn is composed primarily of massive garnet, and diopside (75%) with interstitial quartz, actinolite, calcite, and/or chlorite forming the remaining 25% (Moffat, 1982). There does not appear to be any variation in skarn composition from north to south along the contact. Garnets occur as 0.05-1.0 cm intergrown crystal aggregates, pink to olive in colour and often displaying zoned textures. Interstitial calcite is associated with magnetite. Disseminated pyrite and pyrrhotite is present in the skarn matrix, as well as rare fluorite. Scheelite in discrete disseminated grains is often rimmed in molybdenum-scheelite. Garnet or actinolite-diopside rich sections contain elevated quantities of scheelite. Molybdenite increases towards the lower contact and lower half (west half) of the skarn band.

The upper 3A is 12-25 m above the lower band, and is 3-22 m in thickness. The upper 3A band is composed of an upper 3-5 m thick layer of diopside-pyrrhotite-garnet grading into massive garnet diopside skarn. The south portion of the Kuhn Main Zone (Lower and Upper 3A Band), has elevated Cu-Zn bearing

sulphides (chalcopyrite-sphalerite) associated with massive pyrrhotite-actinolite-diopside. The skarn layer is between 1-3 m in thickness, dips 65 degrees easterly, and exposed for strike length of 400 m (between L 7+50 S to 11+50 S).

## DEAD GOAT ZONE

The Dead Goat skarn is hosted in Good Hope Group carbonates along the eastern edge of the Cassiar Intrusive Complex. The tungsten mineralization consists primarily of scheelite in garnet-diopside-actinolite metasomatic skarn, with minor massive pyrrhotite-chalcopyrite which also contains scheelite. The skarn zone has been traced on surface for 600 m and ranges from 1.0-5.5 m in thickness. There are minor amounts of sphalerite occurring as streaks and blebs in the adjoining host rock, but Zn values are depleted in the tungsten skarn. A considerable amount of disseminated and fracture filling chalcopyrite was observed in unit 5c (quartz monzonite) float boulders in the talus on L 5+00 S, stn 13+50 W. This was also the site of a multi-element anomalous soil sample. The source of this float train is probably in the cliff area to the south.

Variations in Mo, Cu, Zn, Bi and W values from soil samples are in part due to poorly developed soil profiles through most of the claim area as they contain relatively little humus. The soil is strongly leached and the geochemical analysis (multi-element ICP) is not considered a quantitative measure of the metal content, but rather a relative measure between other samples taken and measured in the same manner.

In the Kuhn Main Zone (Lower and Upper 3A Bands), elevated values of Zn and Bi are closely associated. In the central portion of the Kuhn Main Zone elevated Cu is noted at higher elevations and in the south half. The Kuhn Main North Zone has elevated Zn and W values in soil with W to the west of Kuhn Ck and Zn to the east of Kuhn Ck. The area of previous drilling by Shell Canada in 1980-81 (between L 1+00 S to 2+00 N) does not show elevated values in Mo-Cu-Zn-Bi-W, but between L 2+00 N to 6+00 N there is a widespread multi-element soil anomaly. As there was limited diamond drilling in this area (between L 2+00 N and 6+00 N), an effort to solve the source of the elevated Mo-Cu-Zn-Bi-W in soil by fence pattern drilling in this area should be carried out. Since the L 2+00 N to 600 N soil anomaly zone extends uphill to 1,700 m elevation, there is a strong possibility for additional skarn and/or porphyry mineralization higher in section from the 3A (upper and lower) bands.

In the Dead Goat Zone, soil values show elevated Zn and W values. Within the Cassiar Intrusive Complex in the extreme southwest portion of the Kuhn claim (and 200-300 m west of the Dead Goat Skarn Zone), an elevated Mo-Zn-Bi-W soil sample was taken at L 5+00 S, stn 13+50 W. This sample is where several boulders of mineralized intrusive rocks were located, and is considered to be a possible intrusive hosted mineral zone which has not been documented. The reason for this appears to be that the source of the boulders is from a cliff area.

Further investigation of the cliff area is planned to understand the correlation between the mineralized intrusive and the adjoining Dead Goat Zone Skarn. This correlation of an adjacent porphyry (i.e low-grade, high tonnage W-Mo-[Cu] bearing intrusive) proximal to skarn mineralization may be relevant for the east (uphill) portion of the Kuhn Central Zone (L2+00 N to 6+00 N), as defined by a multi-element soil anomaly in the east portion of the grid.

In 2004, Fundamental Resources Corp carried out rock chip sampling and magnetometer surveys on the Kuhn W-Mo Main Zone. This work indicates that the 'Lower 3A Band' appears to have the best potential for the development of an economic W-Mo deposit, covering a strike length of 350 m (between L 0+50 S and 3+00 N), and ranging in width between 3-22 m. ICP-MS geochemical analysis of rock chip samples taken along the south portion of the 3A Lower Band, confirmed that significant tungsten and anomalous molybdenum and copper values are present:

Rock chip sample Geochemical Analysis:  
 Results from Acme Analytical Labs Ltd., Vancouver, B.C.  
 Group 1EX, analysis by ICP-MS:

Sample #	Mo ppm	Cu ppm	Zn ppm	W %	Fe %	Mg %	Ca %
KU-04-AR-1	4.1	140.5	71	0.01	3.71	10.14	16.40
KU-04-AR-2	81.1	114.1	344	0.12	11.27	5.04	17.27
KU-04-AR-3	116.7	339.1	170	0.42	20.31	8.60	9.05

Rock chip specimens KU-04-AR-1,2, & 3 were subject to black light (ultraviolet spectrum) fluorescence. Scheelite fluoresces bright bluish white in short ultraviolet radiation and appears in discrete 0.3-5.0 mm sized disseminated grains. There are no fracture filling or vein type occurrences of scheelite in specimens KU-04-AR-1,2, & 3.

The results from rock chip sampling of the 3A Lower Band, south portion of the Kuhn Main Zone, indicate that tungsten values increase relative to iron and decrease relative to carbonate.

In 2004, Fundamental Resources carried out a magnetometer survey over the Kuhn Main W-Mo Zone. Results from the magnetometer survey indicate there are several strongly anomalous zones that roughly correspond to the 3A Lower and Upper Band Zones. The magnetometer survey suggests that multiple zones of massive magnetite and/or pyrrhotite are located at the following grid coordinates :

Mineral Zone Name	Grid Northing (2004)	Grid Easting (2004)	Magnetometer Anomaly Strength >58,150 nT ** 58,000-58,150 nT *
Kuhn Main- Lower Band	9+00 N	9+00 E	**
East Ridge	9+00 N	12+32.5 E	*
East Ridge	10+00 N	14+12.5 E	*
East Ridge	11+00 N	13+00 E	*
Kuhn Main-Upper Band and/or east of Upper Band?	12+00 N	11+87.5 E	**
Kuhn Main- Lower Band	13+00 N	11+00 E to 11+25 E	**
Kuhn Main- Lower and Upper Band	14+00 N	11+50 E to 12+12.5 E	**

The intensity and strength of the magnetometer anomalies on L 13+00 N and L 14+00 N suggest massive magnetite (and/or pyrrhotite) is the causative source

In 2005, Fundamental Resources Corp performed magnetometer geophysical surveys on the north extension of the Kuhn W-Mo Main Zone which was surveyed in 2004. Magnetic intensity readings outlined several strong anomalies. It is postulated that these anomalies reflect underlying deposits of magnetite and/or pyrrhotite which are present in sufficient quantity to create numerous zones of anomalous values. The magnetic total field reading outlined a zone of elevated readings that extends 500 meters north of the existing W-Mo deposit outline (indicated by Shell Canada drilling in 1980-81 to be 380 meters in strike length and located near trench A-1, 2, & 3). This suggests that the magnetic anomalies on L 1400 N to L 1900 N, outlined by Fundamental's 2005 survey, are north of the existing W-Mo skarn on L 900 N to L 1300 N. This area represents potential for additional W-Mo bearing skarn mineralization. The magnetometer survey also shows a well defined low in the south portion of the grid. This 'mag low' traces a sub-vertically dipping and 060 trending normal fault along L 11+00 N. Magnetometer readings along L 18+00 N indicate there is similar magnetic intensity low as compared to the 060 trending normal fault (L 11+00 N). Immediately south of the L 18+00 N mag low is an apparent 090 trending mag high which traces an 090 drainage.

A total of 4 core specimens from Shell Canada Res Ltd DDH 80A-1 core was located, and select pieces from 49.05 m to 55.25 m depth were submitted for petrographic descriptions (Vancouver Petrographics Ltd). Results from this work indicate that typical skarn mineral assemblages (garnet-diopside-tremolite-actinolite) exist in the zones associated with scheelite and molybdenite. The scheelite forms equant grains, commonly with rough borders against garnet and diopside, and some euhedral grains with interstitial quartz.



## 6.0 REGIONAL GEOLOGY

The Cassiar area is underlain by 3 major litho tectonic elements:

1) Cassiar Platform, a miogeoclinal continental terrace wedge along the west margin of the North American Craton that includes the Proterozoic Good Hope Group carbonate, shale, quartzite, siltstone, phyllite and schist, Lower Cambrian Atan Group carbonate, quartzite, shale, slate and argillite, Cambrian/Ordovician Kechika Group carbonate, phyllite, slate, conglomerate and greenstone, Ordovician-Devonian Sandpile Group carbonate and quartzite, Devonian McDame Grp carbonate, & Mississippian Nizi Fm carbonate, greywacke & conglomerate.

2) Sylvester Allochthon, is a Devonian and Mississippian oceanic basin assemblage obducted onto the continental margin and consists of greenstone, chert-quartz arenite, chert, argillite, slate, quartzite, greywacke, carbonate and conglomerate.

3) Jurassic and/or Cretaceous Cassiar Intrusive Complex, occurs immediately west of Mt McDame and Needlepoint Mountain. The composition of the intrusions range from grandiorite to porphyritic granite, with minor aplitic and pegmatite phases.

The Cassiar Platform is comprised of older sediments and minor volcanics located west of Cassiar Asbestos and occurs as a 5 km wide belt that is elongated at a bearing of 340 degrees. The Cassiar Platform contains replacement, skarn and vein type mineralization.

The Sylvester Allochthon consists of volcanics, minor sediments & ultramafic rocks which hosts the Cassiar Asbestos (Chrysotile) Mine as well as gold bearing quartz & sulphide veins. The Sylvester Allochthon is situated in the east portion of the region.

The Cassiar Intrusive Complex is located in the west portion of the region and hosts disseminated & vein mineralization which is limited to W-Mo and minor Cu sulphides & oxides. The Cassiar Intrusive Complex is a composite plutonic belt probably related to Late Mesozoic anatexis of continental crust.

## 7.0 2010 WORK PROGRAM

### 7.1 METHODS AND PROCEDURES

An area of 0.5 X 0.15 km (7.5 hectares) was mapped in the Kuhn Dead Goat Zone at a scale of 1:2,000. A total of 1.7 km of grid tie lines (azimuth 090), covering the Kuhn Dead Goat and South Extension Zones, were surveyed with Garmin 60Cx GPS and compass. Flagging, and aluminum tags were used to mark stations at 50 m intervals. Slope correction was maintained with clinometers. A GEM GSM-19T v.6 was used to carry out a total of 132 readings along 090 trending tie lines. Magnetometer survey data was corrected by looping (to a common point on the baseline) and checked with diurnal variations with Canada wide magnetic observatories (source: National Resources Canada, magnetic data website). Magnetometer data was processed and plotted (Fig. 11 & 12).

A total of 8 rock chip sample were taken (7 rock chips in the north portion of the grid area, and 1 rock chip in the south, Fig. 2 & 3). The rock samples were taken with hammer and moil across a width of 0.15-1.0 meters. The rock chip sample consisted of acorn to walnut sized chips with total weight averaging 1.5 kg per sample. Samples were placed in marked poly bags and shipped to Pioneer Labs, Richmond, BC for 30 ICP & W assay (Appendix A).

A total of 66 soil samples were taken in a 0.15 X 0.6 km area covering the Dead Goat Zone (Shell Canada Res DDH-80-B-1 to 5) in the north (at 1,600-1,650 m elevation), and scheelite-sphalerite-galena-stibnite-arsenopyrite showings in the south portion of the grid area (at 1,800 m elevation). Samples were taken with a grubhoe from a depth of 20-35 cm and consist of talus fines, the soil horizon is poor to moderately well developed in the grid area and the soil sample material is considered to be weathered 'C' horizon and modified and leached 'B' horizon. Soil is poorly developed (above 1,700 meters elevation), where clay-silt size fines are abundant. Soil samples were dug from a depth of 25-50 cm with shovels, approximately 0.5 kilograms of 'B' and/or 'C' horizon soil was placed in marked kraft envelopes and shipped to Pioneer Labs for 30 ICP and select W geochemical analysis.

### 7.2 PROPERTY GEOLOGY

The Kuhn W-Mo skarn and Dead Goat W-Cu skarn deposits are hosted by a complex sequence of Proferozoic Good Hope Group (unit 1) carbonate and minor clastic sediments and Lower Cambrian Atan Group (unit 2) carbonate and minor clastic sediments, Middle Cambrian-Middle Ordovician Kechika Group (unit 3) carbonate and clastic sediments.

- 1 GOODHOPE GROUP (PROTEROZOIC-LOWER CAMBRIAN)
- 2 ATAN GROUP (LOWER CAMBRIAN)
- 3 KECHIKA GROUP (MIDDLE CAMBRIAN-MIDDLE ORDOVICIAN)

The carbonate rock types from units 1-3 are broken down as follows:

- a) Massive & weakly banded limestone/marble.
- b) Mottled and zebra textured limestone/marble.
- c) Graphitic banded limestone/marble.
- d) Granular recrystallized marble.
- e) Skarnified limestone (contains calc-silicate bands).
- f) Mottled and zebra textured dolomite.
- g) Massive to weakly banded dolomite.

Hornfels rock types from unit 1-3 are summarized as follows:

- h) Biotite (argillaceous)
- i) Cordierite
- j) Chlorite
- k) Sericite
- m) Quartz (Quartzitic siltstone)
- n) Ferruginous

4 MAFIC INTRUSIVE ROCKS, Upper Devonian-Lower Mississippian mafic intrusive rocks occur as lenses and dykes within the Kuhn property, they contain mafic phenocrysts & occur near Kuhn Main Zone (near grid hub). 4a Andesite dykes & sills.

5 CASSIAR INTRUSIVE COMPLEX, Upper Cretaceous comprised of the following lithologies:

- a) Porphyritic quartz monzonite with mantled K-spar phenocrysts
- b) Porphyritic quartz monzonite with K-spar phenocrysts
- c) Equigranular quartz monzonite
- d) Quartz feldspar porphyry
- e) Aplitic leuco-quartz monzonite dykes
- f) Equigranular grandiorite

Unit 6 comprises the skarn minerals that have evolved from hydrothermal emanations from the Upper Cretaceous Cassiar Felsic Intrusive Complex, resulting in prograde massive calc-silicate W-Mo-Fe facies characterized by the following minerals:

- a) Banded garnet-diopside
- b) Massive garnet
- c) Massive pyroxene
- d) Iron sulphide (mostly pyrrhotite, minor pyrite)
- e) Gossan (limonite, goethite, jarosite)
- f) Talc
- g) Tremolite
- h) Actinolite

- i) Quartz
- j) Epidote
- k) Wollastonite
- m) Calcite
- n) Biotite
- o) Graphite
- p) Fluorite

6 SKARN, minerals related to Upper Cretaceous Cassiar Felsic Intrusive Complex, resulting in prograde massive calc-silicate W-Mo-Fe facies:

Unit 6 skarn contains an assortment of minerals which include the following:

- 1) pyrite
- 2) pyrrhotite
- 3) sphalerite
- 4) chalcopyrite
- 5) scheelite
- 6) powellite
- 7) stibnite
- 8) molydo-scheelite
- 9) magnetite
- 10) Hematite

Lower 3A Band (Kuhn Main Zone), appears to have the best potential for the development of an economic W-Mo lens, covering a strike length of 350 m (between L 0+50 S and 3+00 N), and ranging in width between 3-22 m (Moffat, 1982), however the Dead Goat W (Cu-Zn) Zone occurs in an area of structural complexity, and mineralization may be folded, faulted and/or trapped below surface.

A total of 8 rock chip samples were taken in 2010 by Fundamental Res Corp from the Dead Goat Zone, mostly from outcrop where previous trenching was done by Shell Canada Res in 1980.

Rock chip sample results are listed in the following table (geochemical analysis by Pioneer Labs Ltd, report 2102679):

sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	% W
KU10AR-1	30 cm	1	5	412	27	8	35	60	0.165
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	0.037
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	0.283
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	n/a
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	n/a
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	0.379
KU10AR-7	15 cm	1	5	2633	22	20	15	372	0.603
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	0.551

Rock chip sample KU10AR-4 is located in the south portion of the grid area and appears to have a different geochemical affinity (high Pb-Zn-Ag-Sb). The other rock chip samples located near the Dead Goat Zone are primarily tungsten and copper bearing, with minor amounts of lead-zinc-silver, and very little arsenic-antimony.

Kuhn Main Zone Lower 3A Band, appears to have the best potential for the development of an economic W-Mo lens, covering a strike length of 350 m (between L 0+50 S and 3+00 N), and ranging in width between 3-22 m (Moffat, 1982), however the Dead Goat Zone may also contain significant tungsten-copper bearing mineralization. Diamond drill hole testing of the Dead Goat mineral zone is recommended in the area located approximately 50-100 meters east of Shell Canada's DDH-80-B-1 to 5, testing down-dip and lateral extension of W (Cu-Zn) bearing skarn mineralization.

### 7.3 MAGNETOMETER SURVEY

An area of approximately 150 X 600 meters (consisting of 12 X 150 m, 090 trending, tie lines and 000 trending, 500 m long baseline) was surveyed in order to outline areas of alteration and/or massive magnetite and/or pyrrhotite (and/or other magnetic minerals). The magnetometer survey suggests that weak strength zones of magnetite and/or pyrrhotite are located at the following grid coordinates (Fig. 11, north grid over Dead Goat Zone):

#### MAG HIGHS:

Location	Grid Northing (2010)	Grid Easting (2010)	Magnetometer Reading nT
Near DDH 80B-2 Dead Goat Zone	82+50 N	1+25 E to 1+37 E	58,138 & 58,014

The magnetometer survey crudely outlined weak zones of alteration, defined by zones of total field magnetic low readings located at the following grid coordinates (Fig. 11 and 12, north and south grid over Dead Goat Zone):

#### MAG LOWS:

Location	Grid Northing (2010)	Grid Easting (2010)	Magnetometer Reading nT
Near DDH 80B-1 Dead Goat Zone	83+00 N	1+50 E	56,948.8
Sphalerite-galena-stibnite showing in fold hinge axis, 300 m S of Dead Goat Zone	78+50 N	0+87 E, 1+00 E, 1+12 E	56,316.0, 54,484.8, 54,011.4

The magnetometer survey outlines a poorly defined low in the south portion of the grid (near the ridge crest at 1,800 meters elevation), located 300 meters south of Dead Goat Zone, and approximately 50 meters east of where sphalerite-

galena-stibnite mineralization occurs (Fig 3). This area is geologically mapped as an anticline fold axis, and represents a buried target (possible altered rock and/or magnetite/pyrrhotite lens or multiple lenses).

Magnetometer readings along L 82+50 N and 83+00 N indicate there is a moderate strength anomalous (2 reading) high flanked to the north by a weak strength (1 reading) low. The interpretation of this anomaly is not clearly understood, but the location of the anomalies is on the east flank of the ridge crest and further hand trenching and drill testing in this area is warranted. Diamond drill holes aligned in a fence pattern should be aimed westerly at moderate angles to intersect the depth extensions of these magnetometer anomalies.

## 8.0 CONCLUSIONS AND RECOMMENDATIONS

The Kuhn Main Zone (1-Central, 2-North, and 3-South) has a combined strike length of 2.5 km. Based on diamond drilling by Shell Canada in 1980-81 (Lower 3A Band @ 0.48%  $WO_3$  and 0.134%  $MoS_2$  in a block measuring 215 X 130 X 6 m and Upper 3A Band @ 0.5%  $WO_3$  measuring 74 X 70 X 5 m), Kuhn Skarn (Central Zone between L 0+00 N and 2+15 N, Fig. 3B) grade estimates are of economic merit and further drilling and development work is warranted to increase reserve estimates

Diamond drilling (infill at 25 m spacing) should be carried out between L 1+00 S to 6+00 N (Kuhn Central Zone) to clearly define the Lower 3A and Upper 3A bands and develop revised tonnage estimates. Several deeper drill holes should be collared 200-300 m uphill (to the east) of the Kuhn Central Zone (between L 1+00 S to L 5+00 N) to test the extent and grade of porphyry molybdenite stock work. The Kuhn Main Zone (north) between L 5+00 N to 11+00 N should be drill tested at 100 m step outs along strike of the 3A skarn bands. The Kuhn Main Zone (south) between L 8+00 S to 11+00 S should be drill tested at 100 m step outs along strike of the skarn bands. Concurrent with diamond drilling, a program of hand trenching, geological mapping and rock chip sampling is required to outline further extensions of known mineral trends and new zones.

The Dead Goat Zone should be trenched, mapped and sampled in detail along the known zone of mineralization. Diamond drill hole testing of the Dead Goat mineral zone is recommended in the area located approximately 50-100 meters east of Shell Canada's DDH-80-B-1 to 5, testing down-dip and lateral extension of W (Cu-Zn) bearing skarn mineralization. An effort to locate the source of the mineralized quartz monzonite (possible porphyry mineralization) located in the southwest corner of the Kuhn claim should be carried out as well.

A budget for this proposed exploration program is described as follows:

**PROPOSED BUDGET FOR KUHN W-Mo-(Cu-Zn) TARGETS:**

FIELD CREW- Geologist, 2 geotechnicians, 1 cook 90 days \$ 46,000.00

**FIELD COSTS-**

Core drilling 7,000 feet (2,133.6 metres)	305,000.00
Assays 700	14,000.00
Equipment and Supplies	4,000.00
Communication	3,000.00
Food	6,500.00
Transportation	3,000.00
REPORT	1,200.00

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Total =\$ 382,700.00

## 9.0 REFERENCES

Allen, E.J., 1998: Geology and Resources of the Cassiar Project Areas, Everready Resources Corp., LAS Energy Associates Ltd. , unpublished company report.

Berry, L.G., and Mason, B., 1959: Mineralogy, W.H.Freeman and Co.

Cooke, B.J., Godwin, C.I., 1984: Geology, Mineral Equilibria and Isotopic Studies of the McDame Tungsten Skarn Prospect, Econ. Geol., Volume 79, 1984, p. 826-847.

Moffat, G.W., 1982: Summary Report McDame Project, Cassiar Area, Project Operator: Shell Canada Resources Ltd., B.C., Min of Energy & Mines Assessment Report #10,512.

Panteleyev A., 1979: Cassiar Map Area (104/P), B.C. Min. of Energy, Mines and Pet. Res., Geological Fieldwork 1978, Paper 1979-1, p. 51-60.

Schroeter, T.G., 1986, Lode Gold-Silver Deposits in Northwest B.C., CIM Special Vol. 37, p. 178-190.

Sinclair, W.D., 1986, Molybdenum, Tungsten, and Tin Deposits and Associated Granitoid Intrusions in the Northern Canadian Cordillera and Adjacent Parts of Alaska., CIM Special Vol. 37, p. 216-233.

Thompson, R.M., 1957: Danalite from British Columbia, Cdn. Min., Vol. 6, p.68-71

## CERTIFICATE AND DATE

I, Andris Kikauka, of 4901 East Sooke Rd., Sooke B.C. V9Z 1B6 am a self employed professional geoscientist. I hereby certify that:

1. I am a graduate of Brock University, St. Catharines, Ont., with an Honours Bachelor of Science Degree in Geological Sciences, 1980.
2. I am a Fellow in good standing with the Geological Association of Canada.
3. I am registered in the Province of British Columbia as a Professional Geoscientist.
4. I have practiced my profession for twenty five years in precious and base metal exploration in the Cordillera of Western Canada, U.S.A., Mexico, Central America, and South America, as well as for three years in uranium exploration in the Canadian Shield..
5. The information, opinions, and recommendations in this report are based on fieldwork carried out in my presence on the subject property July 23-27, 2010 during which time a technical evaluation consisting of geochemical sampling of rock and soil (8 rock chip samples, and 66 soil samples) were carried out on the Kuhn Dead Goat Zone by the writer as well as reports on mineralization and related physical properties.
6. I am employed as an independent consultant..
7. I am not aware of any material fact or material change with respect to the subject matter of this Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
8. Recommendations in this report are guidelines and are not suitable for NI 43-101 (public financing).

Andris Kikauka, P. Geo.,



December 5, 2010



## ITEMIZED COST STATEMENT-

DEAD GOAT (KUH) PROJECT- FUNDAMENTAL RES CORPORATION,  
GEOPHYISCAL AND GEOCHEMICAL FIELDWORK

Dates worked: July 23-27, 2010

BCGS 104P.031, NTS 104P/5 W, LIARD MINING DIVISION

Work carried out on MTO tenure number: 568238

### FIELD CREW:

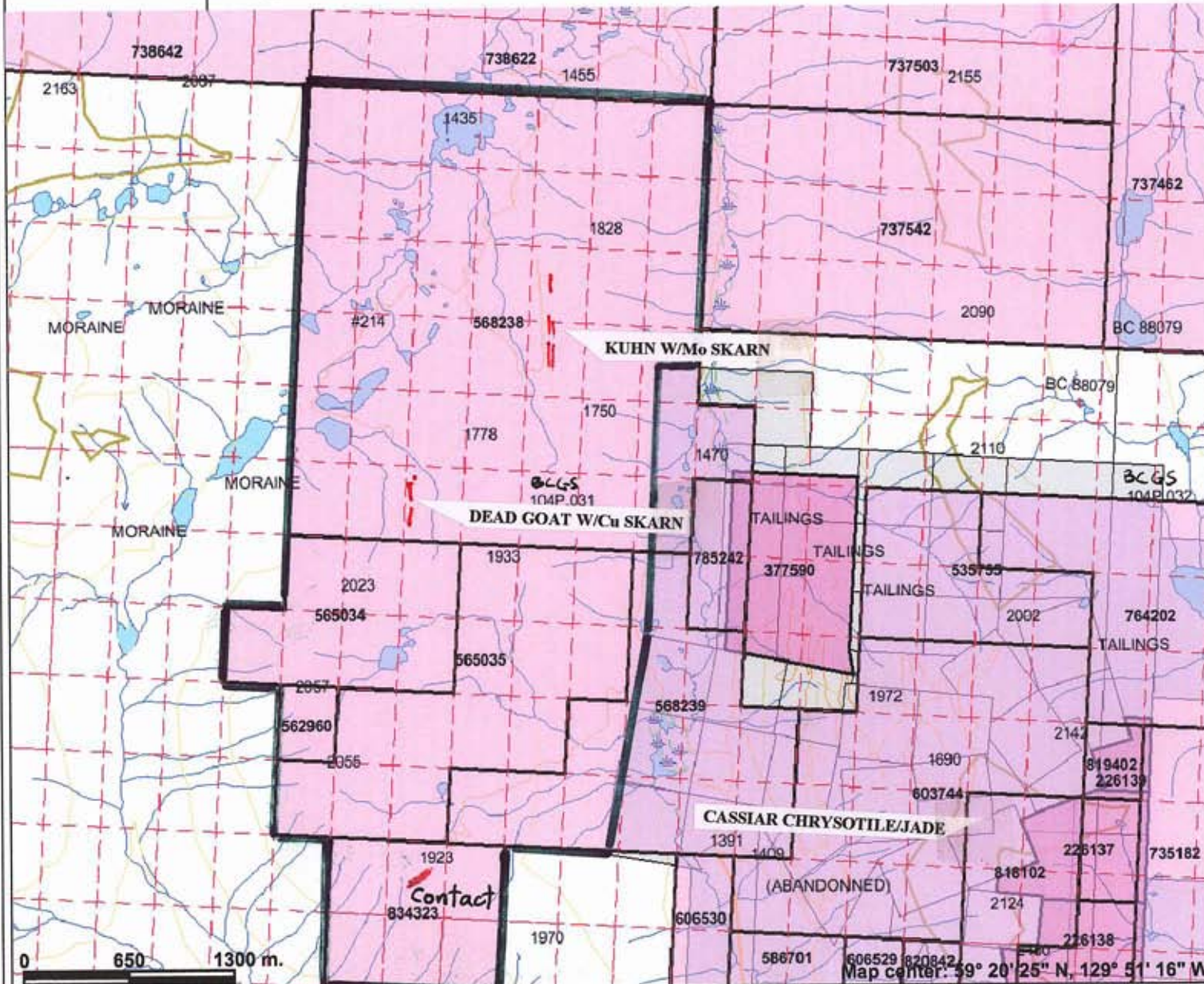
A. Kikauka (Geologist) 5 Days	\$	1,550.00
R. Kikauka (Geotechnician) 5 Days		1,050.00
X. Apted (Geotechnician/First Aid) 5 Days		1,050.00

### FIELD COST:

Mob and Demob	\$	380.00
Equipment (magnetometer rental) & supplies		375.62
Geochemical analysis ICP 30 element & W geochemistry/assay		
For : 66 soil, 8 rock chip samples		915.00
Food		235.00
Accommodation		213.16
Report		400.00

Total amount= \$ 6,168.78

**Fig 1 Kuhn Dead Goat Claim and General Location Map**



**Legend**

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- MTO Grid (MTO)
- Blocked by MEM
- Other
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport

Scale: 1:37,227

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

— Mineral Zone (Skarn)



# Kuhn 'Dead Goat Zone' soil-rock chip locations, July, 2010

Red lines (straight) = MTO claim boundary with 6 digit MTO tenure number (written horizontally)

Red lines (crooked) = Road

Blue lines = Creek

Brown lines = Topographic contour (elevation in meters)

Note- Rock chip samples prefixed: KU10AR-

Mapsheet BCGS 104P.031 Liard Mining Division

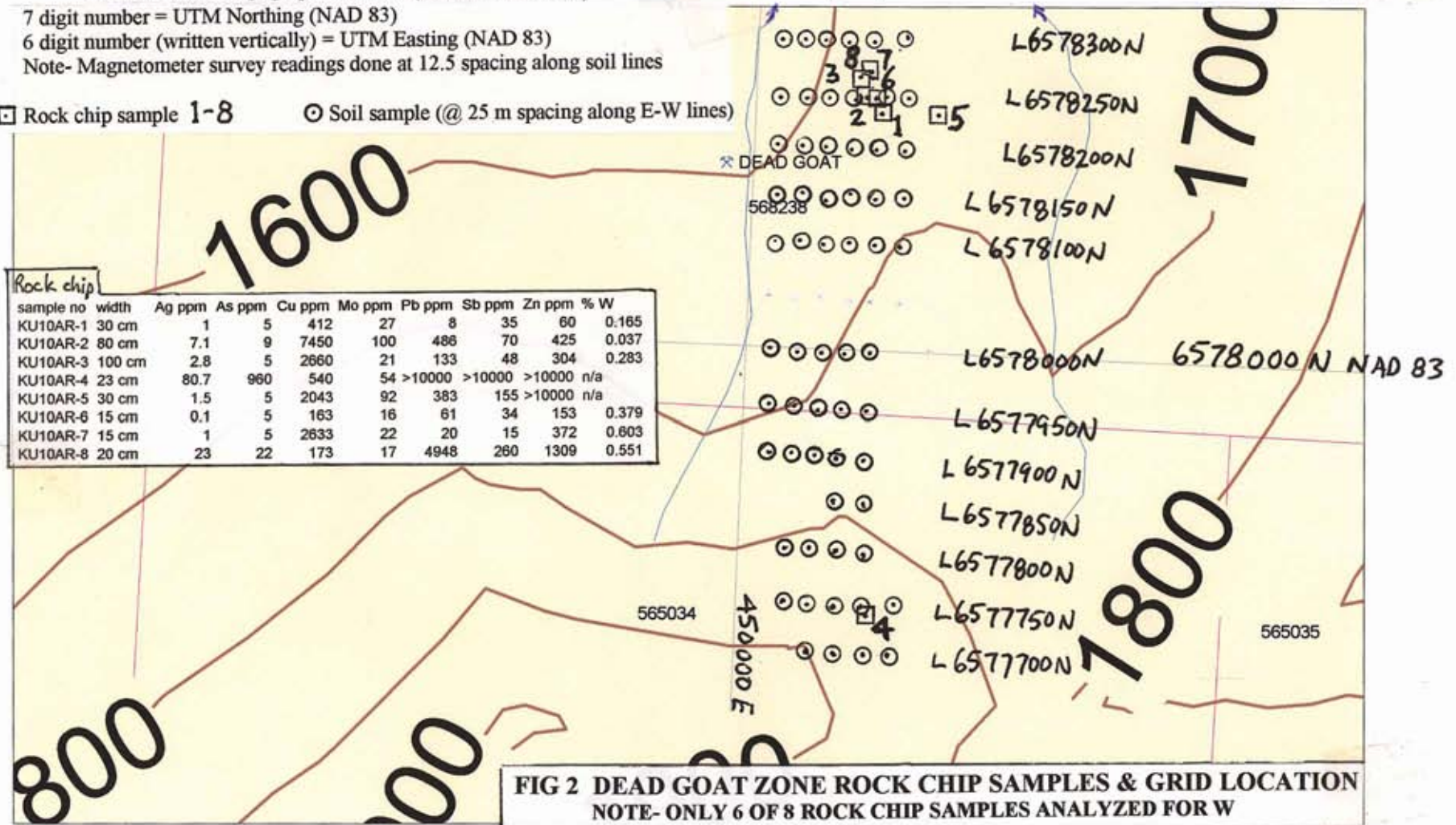
7 digit number = UTM Northing (NAD 83)

6 digit number (written vertically) = UTM Easting (NAD 83)

Note- Magnetometer survey readings done at 12.5 spacing along soil lines

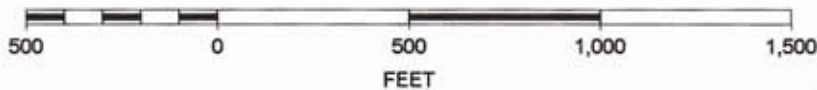
☐ Rock chip sample 1-8

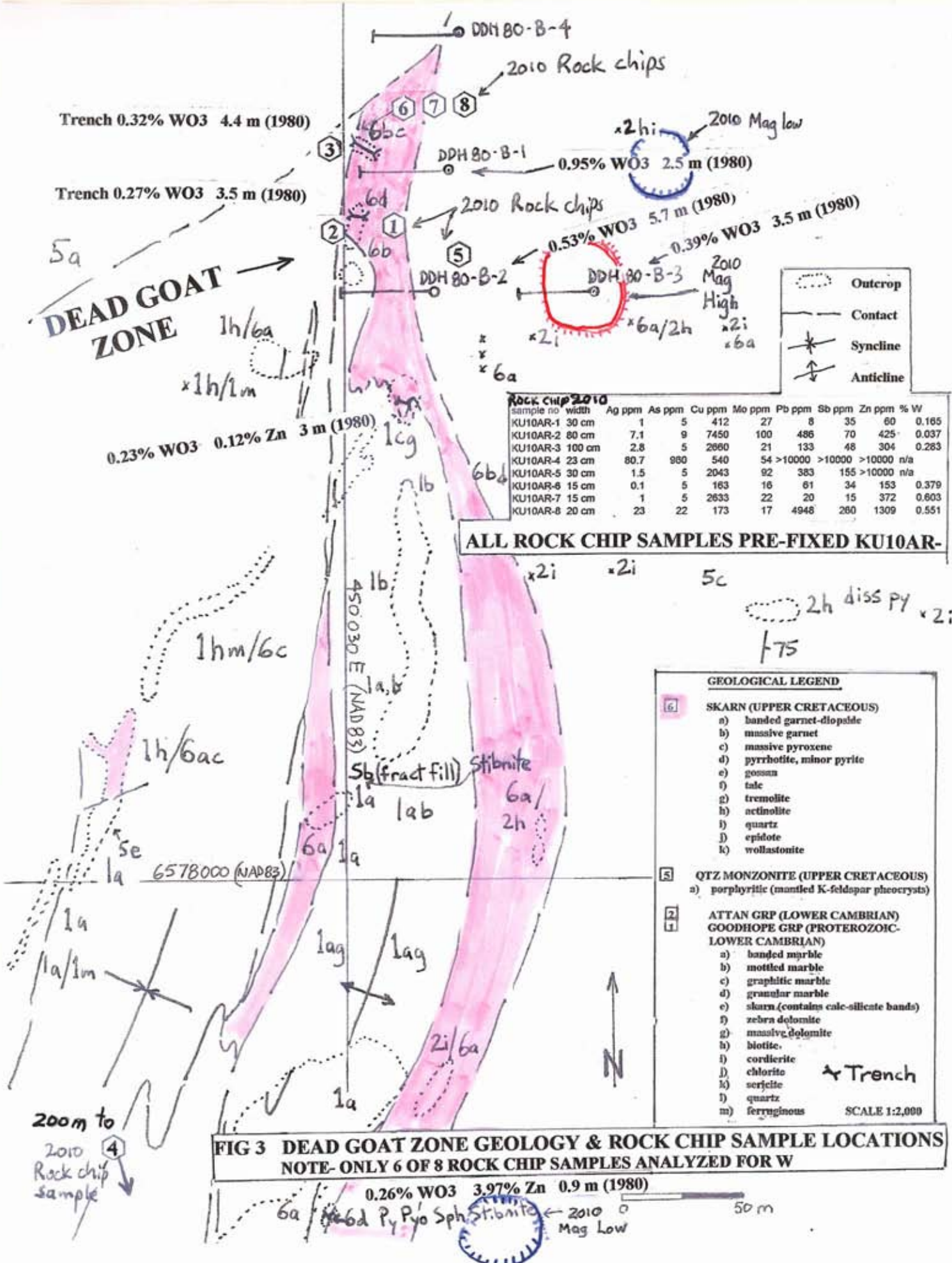
⊙ Soil sample (@ 25 m spacing along E-W lines)



**FIG 2 DEAD GOAT ZONE ROCK CHIP SAMPLES & GRID LOCATION**  
NOTE- ONLY 6 OF 8 ROCK CHIP SAMPLES ANALYZED FOR W

SCALE 1 : 6,000





Trench 0.32% WO<sub>3</sub> 4.4 m (1980)

Trench 0.27% WO<sub>3</sub> 3.5 m (1980)

DDH 80-B-4

DDH 80-B-1

DDH 80-B-2

DDH 80-B-3

**DEAD GOAT ZONE**

0.23% WO<sub>3</sub> 0.12% Zn 3 m (1980)

Rock chip 2010 sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	% W
KU10AR-1	30 cm	1	5	412	27	8	35	60	0.165
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	0.037
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	0.263
KU10AR-4	23 cm	80.7	980	540	54	>10000	>10000	>10000	n/a
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	n/a
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	0.379
KU10AR-7	15 cm	1	5	2633	22	20	15	372	0.603
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	0.551

**ALL ROCK CHIP SAMPLES PRE-FIXED KU10AR-**

**GEOLOGICAL LEGEND**

- 6 SKARN (UPPER CRETACEOUS)**
  - a) banded garnet-dioptase
  - b) massive garnet
  - c) massive pyroxene
  - d) pyrrhotite, minor pyrite
  - e) gossan
  - f) talc
  - g) tremolite
  - h) actinolite
  - i) quartz
  - j) epidote
  - k) wollastonite
- 5 QTZ MONZONITE (UPPER CRETACEOUS)**
  - a) porphyritic (mantled K-feldspar phenocrysts)
- 2 ATTAN GRP (LOWER CAMBRIAN)**
- 1 GOODHOPE GRP (PROTEROZOIC-LOWER CAMBRIAN)**
  - a) banded marble
  - b) mottled marble
  - c) graphitic marble
  - d) granular marble
  - e) skarn (contains calc-silicate bands)
  - f) zebra dolomite
  - g) massive dolomite
  - h) biotite
  - i) cordierite
  - j) chlorite
  - k) sericite
  - l) quartz
  - m) ferruginous

**FIG 3 DEAD GOAT ZONE GEOLOGY & ROCK CHIP SAMPLE LOCATIONS**  
 NOTE- ONLY 6 OF 8 ROCK CHIP SAMPLES ANALYZED FOR W

0.26% WO<sub>3</sub> 3.97% Zn 0.9 m (1980)

50 m

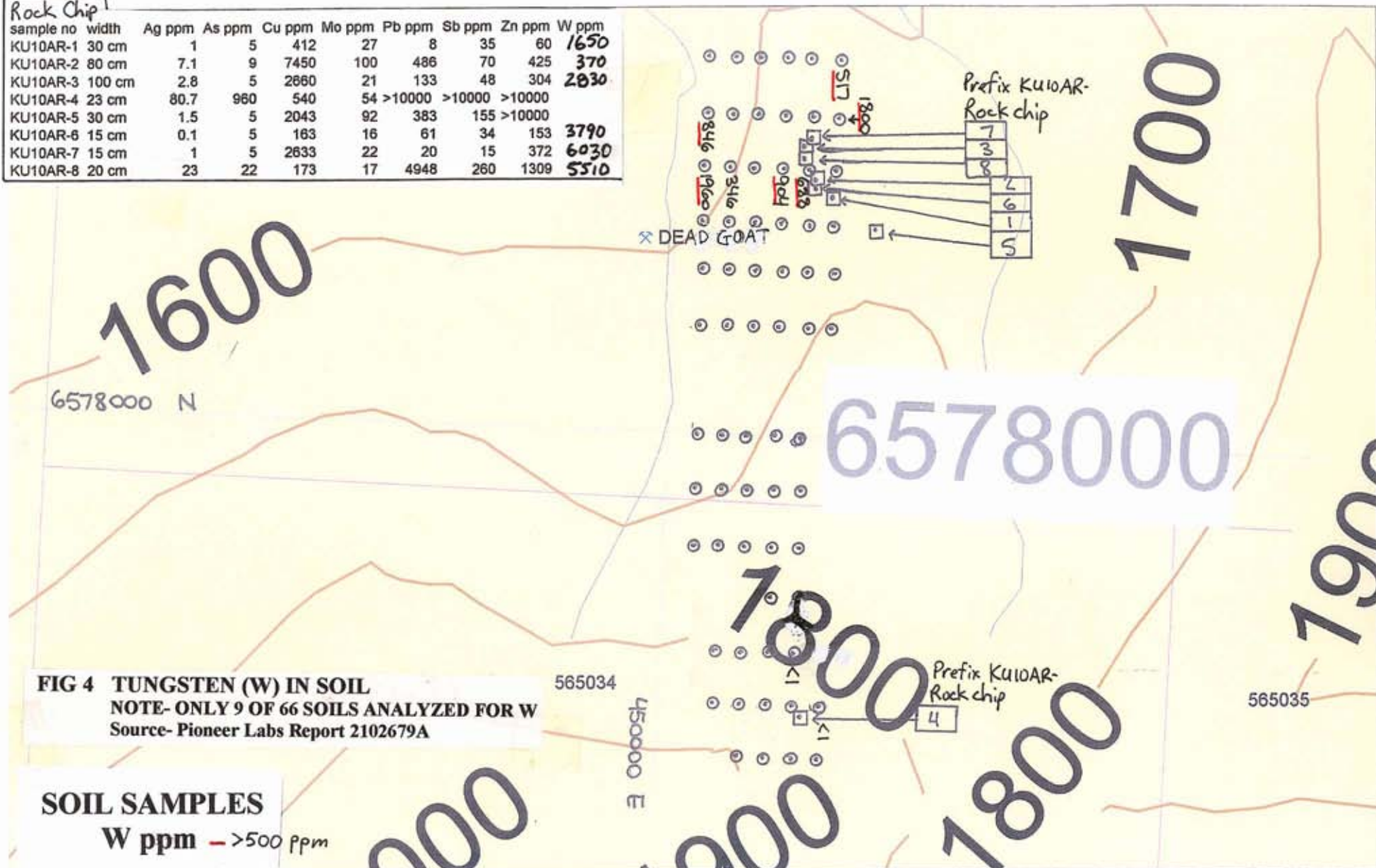
Trench

SCALE 1:2,000



# Kuhn Dead Goat rock-soil samples July, 2010

Rock Chip		Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	W ppm
sample no	width								
KU10AR-1	30 cm	1	5	412	27	8	35	60	1650
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	370
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	2830
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	3790
KU10AR-7	15 cm	1	5	2633	22	20	15	372	6030
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	5510



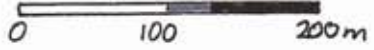
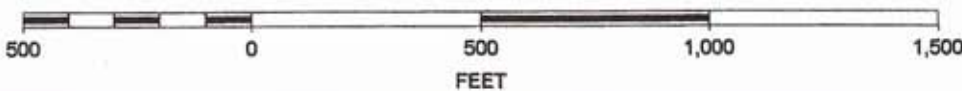
**FIG 4 TUNGSTEN (W) IN SOIL**  
 NOTE- ONLY 9 OF 66 SOILS ANALYZED FOR W  
 Source- Pioneer Labs Report 2102679A

**SOIL SAMPLES**

W ppm - >500 ppm

SCALE 1 : 5,000

○ Soil sample □ Rock chip sample



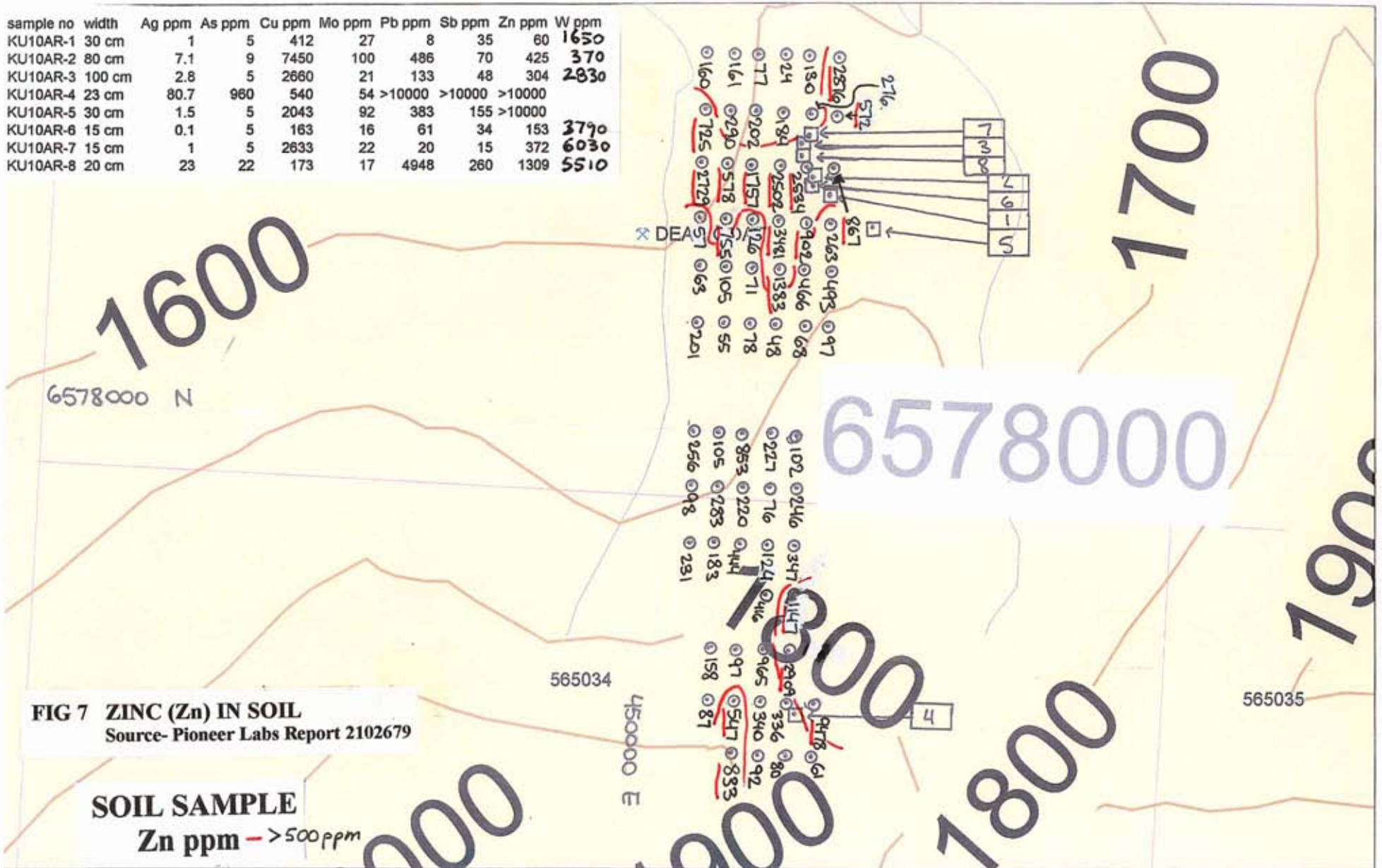






# Kuhn Dead Goat rock-soil samples July, 2010

sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	W ppm
KU10AR-1	30 cm	1	5	412	27	8	35	60	1650
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	370
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	2830
KU10AR-4	23 cm	80.7	980	540	54	>10000	>10000	>10000	
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	3790
KU10AR-7	15 cm	1	5	2633	22	20	15	372	6030
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	5510

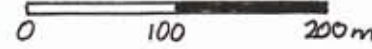
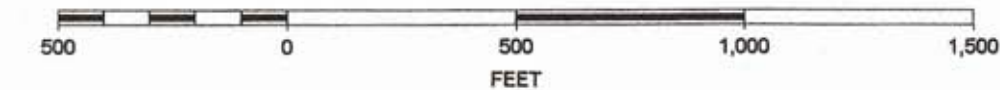
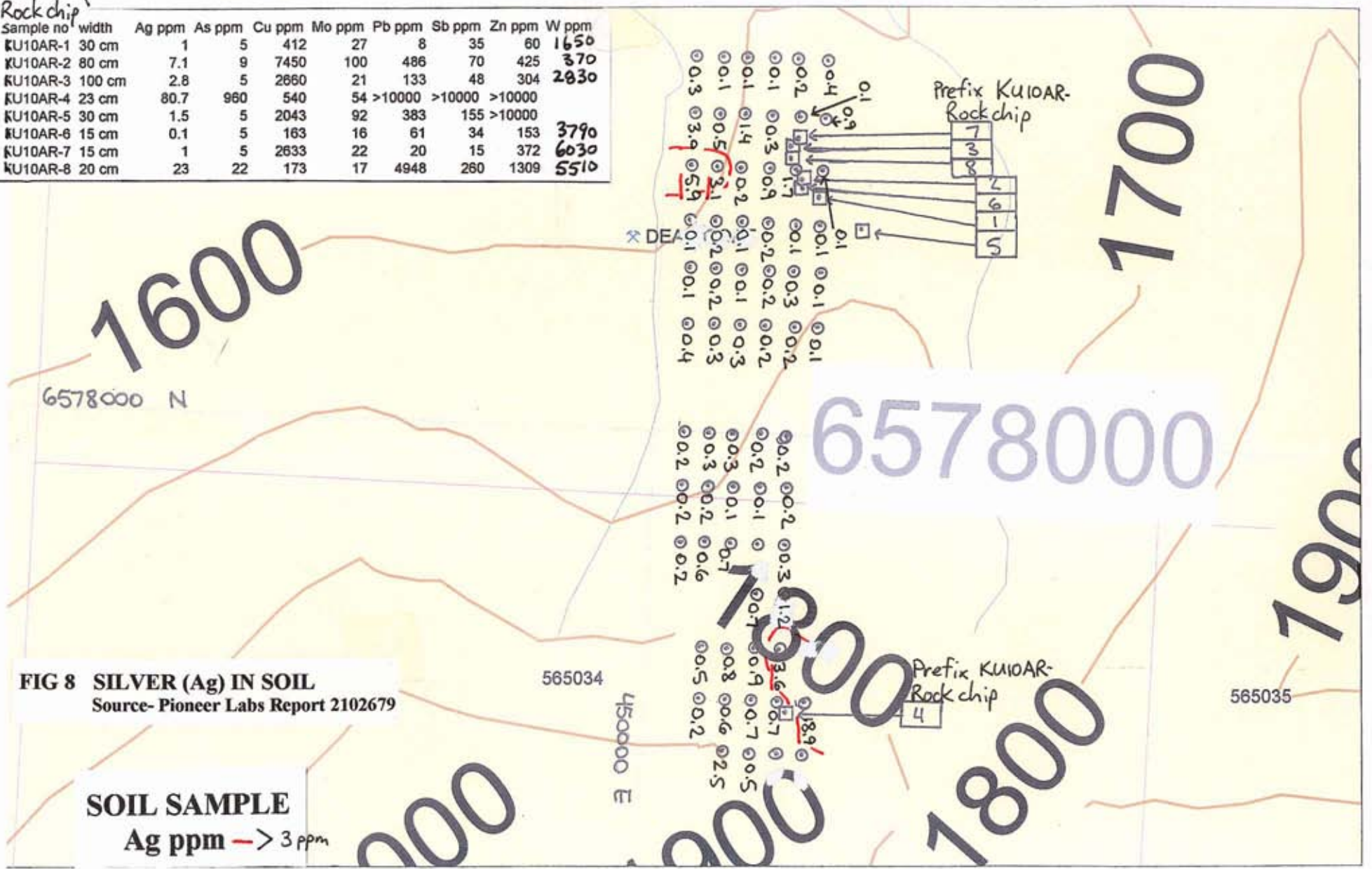




# Kuhn Dead Goat rock-soil samples July, 2010

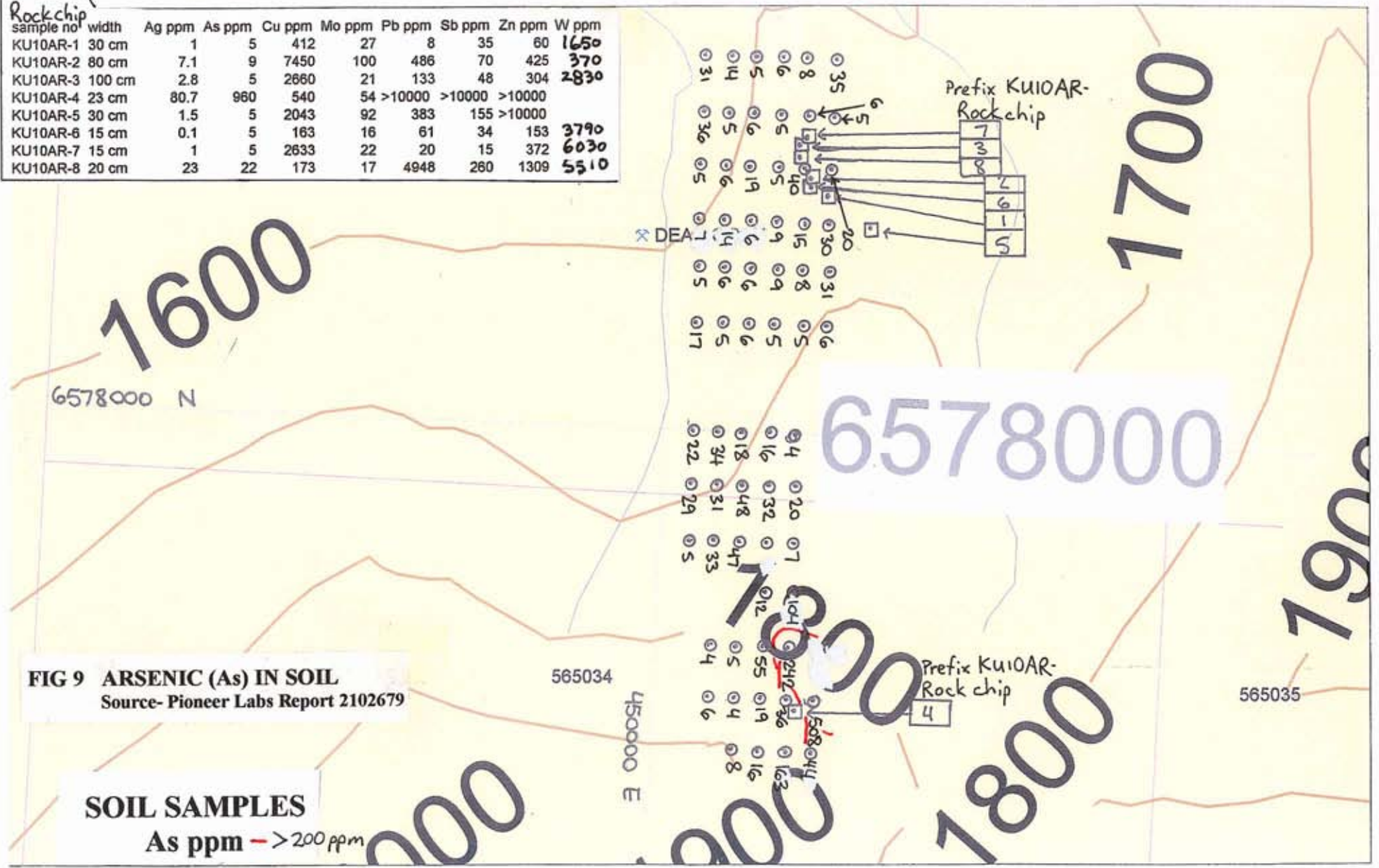
**Rock chip**

Sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	W ppm
KU10AR-1	30 cm	1	5	412	27	8	35	60	1650
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	370
KU10AR-3	100 cm	2.8	5	2860	21	133	48	304	2830
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	3790
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	6030
KU10AR-7	15 cm	1	5	2633	22	20	15	372	5510
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	



# Kuhn Dead Goat rock-soil samples July, 2010

Rock chip sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	W ppm
KU10AR-1	30 cm	1	5	412	27	8	35	60	1650
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	370
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	2830
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	3790
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	6030
KU10AR-7	15 cm	1	5	2633	22	20	15	372	5510
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	

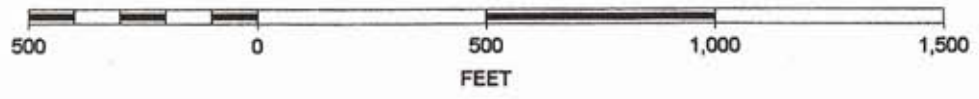


**FIG 9 ARSENIC (As) IN SOIL**  
Source- Pioneer Labs Report 2102679

**SOIL SAMPLES**  
As ppm -> 200 ppm

SCALE 1 : 5,000

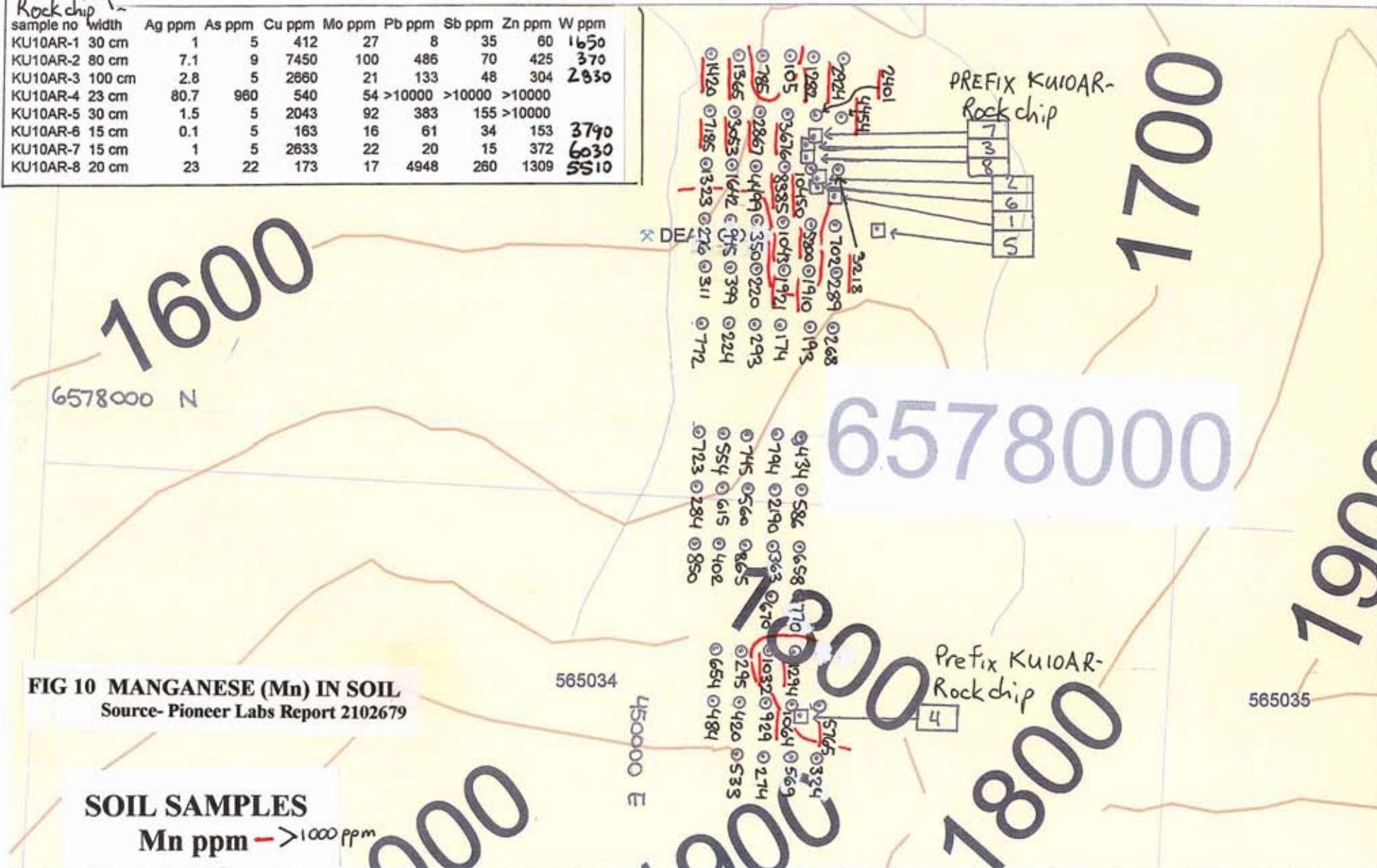
○ Soil sample □ Rock chip sample



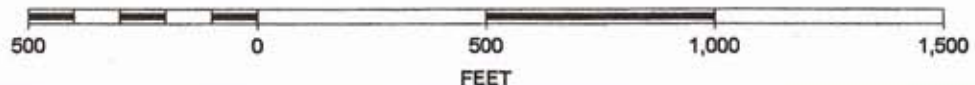


# Kuhn Dead Goat rock-soil samples July, 2010

Rock chip sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	W ppm
KU10AR-1	30 cm	1	5	412	27	8	35	60	1650
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	370
KU10AR-3	100 cm	2.8	5	2860	21	133	48	304	2830
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	3790
KU10AR-7	15 cm	1	5	2833	22	20	15	372	6030
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	5510

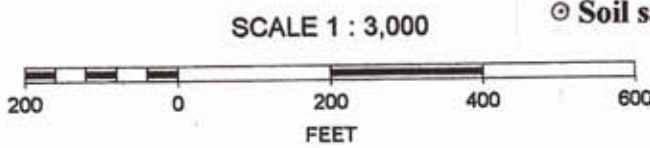
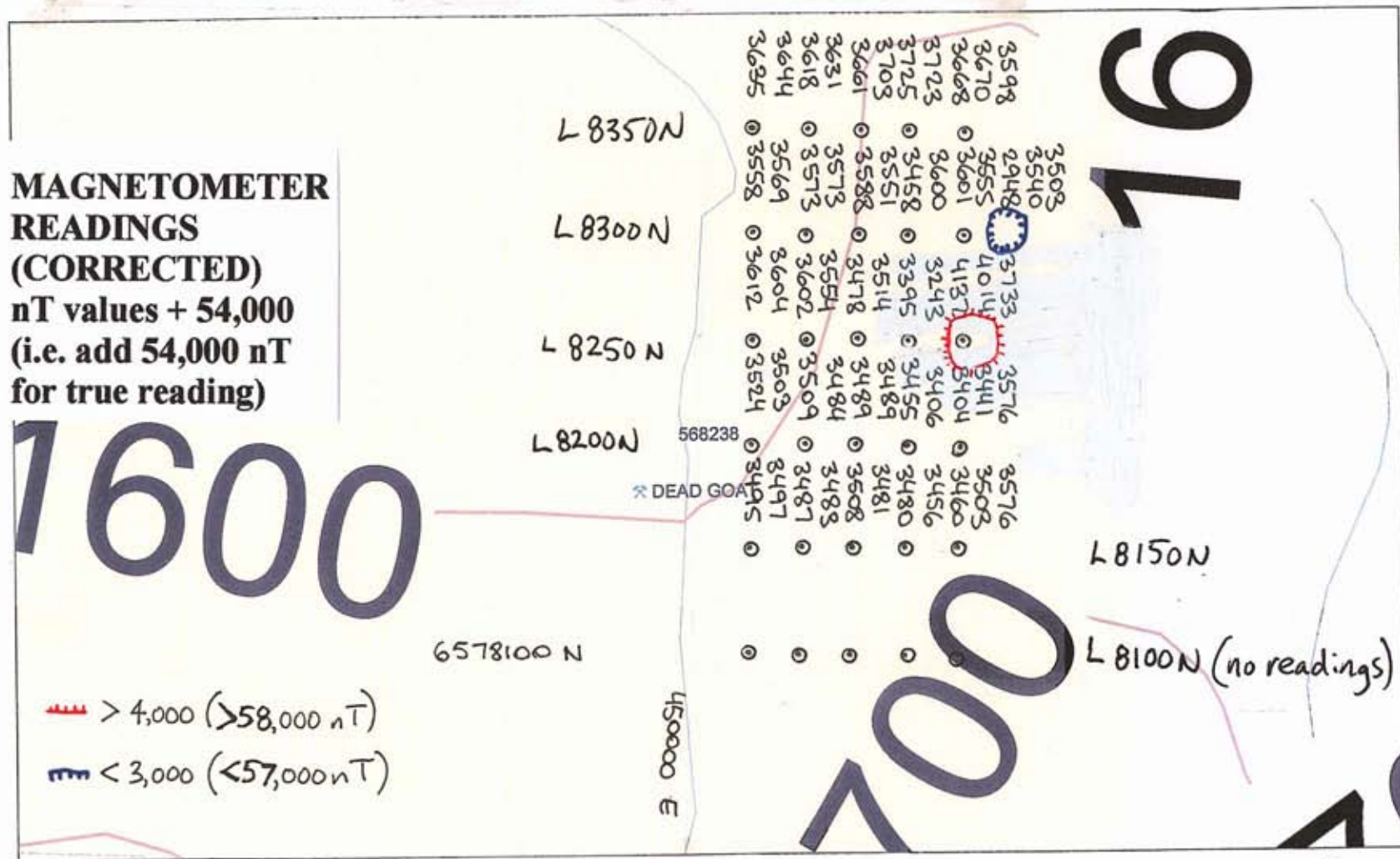


SCALE 1 : 5,000



# Kuhn 'Dead Goat Zone' North magnetometer readings, July, 2010

FIG 11 DEAD GOAT MAGNETOMETER VALUES & CONTOURS (N HALF)



⊙ Soil sample





Appendix A

GEOCHEMICAL ANALYSIS CERTIFICATE

FUNDAMENTAL RESOURCES CORP.

Project: Kuhn  
Sample Type: Soils/Rocks

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al.

Analyst *RSAM*  
Report No. 2102679  
Date: August 18, 2010

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm
L6577700N-450075E	2.5	3.14	8	<5	21	<10	3.09	2	50	49	113	5.06	.24	.56	533	2	.24	127	.11	555	.01	16	<2	482	<5	.07	<5	37	833
L6577700N-450100E	.5	2.43	16	<5	14	<10	2.95	<1	34	69	95	3.98	.43	.74	274	2	.22	91	.10	49	.01	8	<2	278	<5	.08	<5	46	92
L6577700N-450125E	.1	2.61	163	<5	23	<10	>10	<1	22	33	26	3.12	.17	2.66	569	1	.14	44	.42	65	.01	18	<2	612	<5	.05	<5	25	80
L6577700N-450150E	.1	2.34	44	<5	18	<10	14.28	<1	16	43	23	2.66	.19	.63	324	2	.18	37	.40	45	.01	13	<2	931	<5	.06	<5	30	61
L6577750N-450050E	.2	2.10	6	<5	12	<10	8.77	<1	57	31	173	3.61	.15	.38	484	3	.17	108	.12	46	.01	6	<2	610	<5	.04	<5	21	87
L6577750N-450075E	.6	3.58	4	<5	29	<10	3.10	1	15	63	28	2.47	.53	.74	420	2	.26	37	.18	129	.01	10	<2	427	<5	.08	<5	12	547
L6577750N-450100E	.7	3.12	19	<5	33	<10	14.94	<1	29	14	33	4.28	.06	1.54	929	1	.07	55	.32	126	.01	11	<2	651	<5	.02	<5	14	340
L6577750N-450125E	.7	3.23	36	<5	38	<10	5.07	<1	20	65	32	3.47	.38	2.55	1064	1	.23	46	.36	140	.02	18	<2	367	<5	.10	<5	46	336
L6577750N-450150E	18.9	1.72	508	<5	20	<10	9.79	41	10	30	37	3.27	.14	3.10	5765	2	.12	18	.48	3387	.01	235	<2	334	<5	.05	<5	23	9478
L6577800N-450050E	.5	4.28	4	<5	47	<10	2.07	<1	29	80	52	3.91	.35	1.03	654	3	.27	66	.30	98	.01	16	<2	385	<5	.12	<5	58	158
L6577800N-450075E	.8	3.28	<5	<5	23	<10	2.15	<1	34	65	80	3.98	.30	.78	295	2	.22	92	.18	63	.01	13	<2	445	<5	.08	<5	45	97
L6577800N-450100E	.9	3.60	55	<5	33	<10	10.09	4	26	34	52	3.28	.17	2.23	1032	1	.14	59	.60	282	.01	16	<2	767	<5	.04	<5	26	965
L6577800N-450125E	3.6	2.70	242	<5	30	<10	>10	10	15	33	26	2.66	.18	2.00	1294	2	.14	33	.50	862	.01	35	<2	690	<5	.05	<5	25	2909
L6577850N-450100E	.7	3.46	12	<5	34	<10	5.58	1	20	40	39	2.88	.21	1.42	670	2	.22	48	.30	170	.01	11	<2	554	<5	.06	<5	29	416
L6577850N-450125E	1.2	2.33	104	<5	30	<10	14.35	6	14	32	26	2.33	.18	1.58	770	1	.14	32	.31	290	.01	15	<2	760	<5	.05	<5	24	1147
L6577900N-450025E	.2	3.91	<5	<5	52	<10	2.14	<1	28	91	69	4.05	.54	1.34	850	14	.21	68	.36	136	.01	20	<2	337	<5	.16	<5	62	231
L6577900N-450050E	.8	3.12	33	<5	31	<10	1.98	<1	24	70	47	3.18	.41	1.04	402	2	.18	60	.26	94	.01	7	<2	313	<5	.10	<5	47	183
L6577900N-450075E	.7	3.15	47	<5	40	<10	10.62	1	20	41	38	3.14	.22	1.88	865	3	.16	45	.45	184	.01	18	<2	673	<5	.06	<5	31	444
L6577900N-450100E	.1	2.25	24	<5	23	<10	13.62	<1	9	26	14	1.99	.19	1.25	363	2	.11	21	.03	66	.01	<2	<2	669	<5	.02	<5	18	124
L6577900N-450125E	.3	2.74	7	<5	54	<10	4.76	<1	14	57	24	3.31	.27	1.84	658	1	.14	33	.04	116	.01	4	<2	298	<5	.10	<5	44	347
L6577950N-450025E	.2	2.92	29	<5	30	<10	1.70	<1	12	60	26	2.62	.42	.75	284	2	.18	34	.02	66	.01	<2	<2	294	<5	.08	<5	43	98
L6577950N-450050E	.2	2.34	31	<5	27	<10	8.11	2	11	38	24	2.61	.18	1.42	615	2	.12	32	.04	120	.01	4	<2	504	<5	.06	<5	28	283
L6577950N-450075E	.1	1.98	48	<5	33	<10	9.50	1	8	25	17	2.10	.14	2.79	560	1	.10	24	.04	130	.01	7	<2	409	<5	.03	<5	20	220
L6577950N-450100E	.1	.44	32	<5	21	<10	>10	<1	2	9	5	2.00	.02	2.98	2190	1	.02	6	.03	67	.01	8	<2	380	<5	.01	<5	7	76
L6577950N-450125E	.2	1.82	20	<5	37	<10	8.83	<1	9	36	17	2.30	.19	1.94	586	1	.10	26	.04	110	.01	6	<2	384	<5	.07	<5	28	246
L6578000N-450025E	.2	1.90	22	<5	33	<10	>10	1	8	27	16	2.26	.15	3.27	723	1	.09	23	.04	154	.01	8	<2	386	<5	.04	<5	20	256
L6578000N-450050E	.3	2.53	34	<5	53	<10	9.14	<1	13	48	22	3.01	.43	2.02	554	1	.06	31	.03	79	.02	12	<2	353	<5	.05	<5	34	105
L6578000N-450075E	.3	3.44	18	<5	75	<10	1.83	<1	16	68	27	3.61	.31	4.89	745	2	.05	41	.05	105	.01	10	<2	87	<5	.04	<5	43	853
L6578000N-450100E	.2	2.99	16	<5	82	<10	1.10	<1	17	73	26	3.71	.35	4.53	794	1	.06	42	.06	94	.01	7	<2	86	<5	.05	<5	46	227
L6578000N-450125E	.2	3.15	4	<5	31	<10	1.94	<1	16	70	24	3.27	.50	1.34	434	2	.13	41	.02	62	.01	<2	<2	241	<5	.06	<5	49	102
L6578100N-450025E	.4	3.62	17	<5	71	<10	1.48	<1	19	77	32	4.52	.58	2.68	772	1	.06	46	.04	127	.01	1	<2	122	<5	.08	<5	54	201
L6578100N-450050E	.3	3.58	5	<5	45	<10	2.10	<1	12	58	20	2.85	.48	.89	224	1	.17	34	.03	54	.01	<2	<2	375	<5	.09	<5	42	55
L6578100N-450075E	.3	3.30	6	<5	44	<10	1.69	<1	16	77	24	3.57	.61	1.20	293	2	.11	43	.03	54	.01	4	<2	270	<5	.10	<5	55	78
L6578100N-450100E	.2	2.78	5	<5	38	<10	1.89	<1	11	50	19	2.47	.46	.78	174	2	.10	30	.02	45	.01	<2	<2	322	<5	.06	<5	37	48
L6578100N-450125E	.2	2.50	5	<5	31	<10	3.52	<1	14	55	24	2.76	.38	.86	193	1	.10	40	.02	42	.01	<2	<2	377	<5	.06	<5	40	68

ELEMENT SAMPLE	Ag µm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	V µm	Zn ppm		
L6578100N-450150E	.1	2.39	6	<5	35	<10	3.07	<1	16	50	25	2.67	.41	1.10	268	1	.08	45	.02	39	.01	8	<2	304	<5	.06	<5	38	97
L6578150N-450025E	.1	3.66	5	<5	26	<10	3.86	<1	32	57	66	4.16	.25	.69	311	1	.23	95	.07	61	.01	<2	<2	621	<5	.08	<5	39	63
L6578150N-450050E	.2	3.91	6	<5	54	<10	2.45	<1	17	66	27	3.03	.37	1.24	399	3	.13	42	.06	67	.01	<2	<2	395	<5	.07	<5	44	105
L6578150N-450070E	.1	3.68	6	<5	44	<10	3.72	<1	12	61	21	2.38	.42	.86	220	1	.16	34	.05	58	.01	<2	<2	554	<5	.08	<5	40	71
L6578150N-450100E	.2	3.83	9	<5	90	<10	2.85	2	20	68	60	3.45	.34	2.44	1921	3	.10	39	.06	66	.01	<2	<2	199	<5	.06	<5	49	1383
L6578150N-450125E	.3	4.50	8	<5	82	<10	3.52	<1	15	70	44	3.10	.42	2.96	1910	1	.08	35	.05	77	.01	8	<2	193	<5	.04	<5	47	466
L6578150N-450150E	.1	.62	31	<5	16	<10	>10	1	3	10	15	.58	.06	1.40	289	1	.03	5	.08	11	.01	<2	<2	924	<5	.01	<5	6	493
L6578200N-450025E	.1	2.34	7	<5	14	<10	10.58	<1	18	26	41	2.41	.05	.34	276	1	.19	58	.04	31	.01	<2	<2	824	<5	.03	<5	18	57
L6578200N-450050E	.2	2.62	14	<5	46	<10	1.44	<1	9	56	37	2.41	.18	1.63	945	3	.08	23	.08	60	.01	<2	<2	108	<5	.05	<5	39	755
L6578200N-450075E	.1	.90	6	<5	15	<10	>10	<1	5	15	15	.85	.06	.85	350	1	.05	11	.06	10	.01	<2	<2	1273	<5	.01	<5	10	126
L6578200N-450100E	.2	2.58	9	<5	47	36	8.40	6	30	51	99	3.07	.35	1.24	1043	5	.09	38	.07	50	.01	4	<2	443	<5	.10	<5	37	3481
L6578200N-450125E	.1	1.41	15	<5	48	<10	8.48	<1	79	19	538	7.07	.09	1.27	5200	17	.03	25	.06	25	.01	5	<2	201	<5	.02	<5	19	902
L6578200N-450150E	.1	1.18	30	<5	29	<10	17.71	<1	8	18	27	1.70	.08	1.79	702	2	.04	17	.11	23	.02	10	<2	390	<5	.03	<5	15	263
L6578250N-450025E	5.9	.13	5	<5	4	449	1.10	<1	204	10	1310	40.64	.02	.12	1323	51	.03	2	.09	9	.01	39	<2	4	<5	.01	<5	44	2729
L6578250N-450050E	3.1	.56	6	<5	21	<10	1.76	<1	111	12	595	35.02	.04	.33	1642	25	.05	2	.10	11	.01	15	<2	31	<5	.02	<5	42	578
L6578250N-450075E	.2	2.11	19	<5	49	22	7.67	2	54	31	561	6.07	.11	1.35	4499	9	.07	27	.05	48	.01	20	<2	189	<5	.04	<5	26	1757
L6578250N-450100E	.9	1.75	5	<5	48	21	4.91	3	58	23	642	7.28	.10	1.42	8385	12	.03	24	.09	64	.01	27	<2	94	<5	.03	<5	24	2502
L6578250N-450125E	1.7	1.78	40	<5	64	47	5.14	2	83	19	983	7.97	.13	1.38	10450	17	.04	45	.07	79	.01	24	<2	92	<5	.02	<5	23	2534
L6578250N-450150E	.1	2.30	20	<5	48	<10	3.85	<1	61	37	228	4.75	.14	1.12	3218	12	.09	32	.06	50	.01	10	<2	152	<5	.06	<5	33	867
L6578300N-450025E	3.0	1.22	36	<5	47	25	5.53	<1	64	15	678	6.98	.08	1.12	7185	17	.03	39	.07	82	.01	25	<2	70	<5	.02	<5	20	725
L6578300N-450050E	.5	1.23	5	<5	35	<10	1.66	<1	28	22	348	3.05	.04	.46	3053	4	.05	11	.05	30	.01	<2	<2	86	<5	.03	<5	19	290
L6578300N-450075E	1.4	1.29	6	<5	33	<10	1.69	<1	34	23	393	4.35	.10	.55	2867	8	.06	14	.04	31	.01	6	<2	74	<5	.02	<5	21	202
L6578300N-450100E	.3	1.64	5	<5	35	<10	2.51	<1	48	28	590	6.66	.10	.71	3676	9	.07	17	.07	36	.01	15	<2	104	<5	.03	<5	24	184
L6578300N-450125E	.1	2.35	6	<5	36	<10	3.47	<1	30	42	152	3.90	.14	1.01	2401	4	.12	24	.08	47	.01	14	<2	153	<5	.06	<5	34	276
L6578300N-450150E	.9	1.12	5	<5	48	<10	2.83	<1	249	17	1630	12.09	.04	.46	4454	13	.03	19	.04	23	.01	14	<2	93	<5	.02	<5	26	572
L6578350N-450025E	.3	2.97	31	<5	73	<10	1.33	<1	15	44	120	3.39	.16	1.65	1420	5	.06	22	.06	70	.01	7	<2	88	<5	.05	<5	38	160
L6578350N-450050E	.1	2.25	14	<5	76	<10	.96	<1	16	43	67	3.22	.30	.80	1365	5	.04	25	.07	50	.01	<2	<2	54	<5	.07	<5	39	161
L6578350N-450075E	.1	2.37	5	<5	45	<10	.99	<1	9	18	50	1.87	.11	1.36	785	4	.03	9	.06	62	.01	<2	<2	70	<5	.01	<5	22	77
L6578350N-450100E	.1	3.18	6	<5	30	<10	2.51	<1	2	4	23	.51	.10	.14	105	1	.07	2	.05	58	.01	4	<2	164	<5	.02	<5	5	24
L6578350N-450125E	.2	3.17	8	<5	90	<10	.55	<1	15	53	48	3.79	.16	.89	1282	5	.04	33	.08	63	.02	8	<2	62	<5	.15	<5	58	130
L6578350N-450150E	.4	1.69	35	<5	61	<10	2.27	<1	91	26	922	7.99	.18	.85	2924	20	.03	23	.11	51	.01	5	<2	90	<5	.03	<5	29	2876
KU10-AR-1 (Rock)	1.0	.20	5	<5	3	<10	2.79	<1	796	28	412	26.99	.01	.21	1766	27	.03	37	.01	8	.01	35	<2	9	<5	.02	<5	28	60
KU10-AR-2 (Rock)	7.1	.02	9	<5	5	<10	2.87	<1	486	10	7450	31.09	.01	.29	1816	100	.02	28	.04	486	.01	70	<2	7	<5	.01	<5	33	425
KU10-AR-3 (Rock)	2.8	.12	5	<5	3	<10	.79	<1	1549	32	2650	27.15	.01	.01	792	21	.02	17	.01	133	.01	48	<2	5	<5	.01	<5	29	304
KU10-AR-4 (Rock)	80.7	.36	960	<5	4	<10	.04	1104	20	21	540	11.75	.24	.16	3825	54	.05	16	3.89	>10000	1.67	>10000	<2	36	8	.01	56	21	>10000
KU10-AR-5 (Rock)	1.5	.31	<5	<5	3	2763	6.14	32	598	26	2043	21.62	.01	.48	4539	92	.03	59	.10	383	.01	155	<2	10	<5	.01	<5	23	>10000
KU10-AR-8 (Rock)	.1	.73	<5	<5	2	<10	6.30	<1	19	105	163	3.74	.01	.24	5862	16	.03	32	.04	61	.01	34	<2	12	<5	.01	<5	7	153
KU10-AR-7 (Rock)	1.0	.17	<5	<5	6	<10	4.57	<1	11	100	2633	2.53	.01	.32	4372	22	.03	19	.07	20	.01	15	<2	16	<5	.01	<5	4	372
KU10-AR-8 (Rock)	23.0	.76	22	<5	8	<10	>10	4	5	41	173	5.99	.03	1.05	9792	17	.05	3	.01	4948	.01	260	<2	41	<5	.01	<5	10	1309

G E O C H E M I C A L      A N A L Y S I S      C E R T I F I C A T E

W Analysis: 0.500 gm sample is digested with phosphoric, nitric  
hydrofluoric acids and is finished by ICP/ES.

FUNDAMENTAL RESOURCES CORP.

Project: Kuhn

Sample Type: Soils

Analyst \_\_\_\_\_

Report No. 2102679A

Date: October 06, 2010

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SAMPLE	W ppm
L6577750N-450150E	<1
L6577800N-450125E	<1
L6578250N-450025E	1960
L6578250N-450050E	346
L6578250N-450100E	904
L6578250N-450125E	688
L6578300N-450025E	846
L6578300N-450150E	1800
L6578350N-450150E	517



A S S A Y   C E R T I F I C A T E

W Analysis - 0.500 gm sample is digested with phosphoric, nitric  
hydrofluoric acids and is finished by ICP/ES.

FUNDAMENTAL RESOURCES CORP.

Project: Kuhn  
Sample Type: Rocks

Analyst \_\_\_\_\_  
Report No. 2102679B  
Date: November 25, 2010

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ELEMENT SAMPLE	W %
KU10-AR-1	0.165
KU10-AR-2	0.037
KU10-AR-3	0.283
KU10-AR-6	0.379
KU10-AR-7	0.603
KU10-AR-8	0.551

## Appendix B

sample no	width	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	% W
KU10AR-1	30 cm	1	5	412	27	8	35	60	0.165
KU10AR-2	80 cm	7.1	9	7450	100	486	70	425	0.037
KU10AR-3	100 cm	2.8	5	2660	21	133	48	304	0.283
KU10AR-4	23 cm	80.7	960	540	54	>10000	>10000	>10000	n/a
KU10AR-5	30 cm	1.5	5	2043	92	383	155	>10000	n/a
KU10AR-6	15 cm	0.1	5	163	16	61	34	153	0.379
KU10AR-7	15 cm	1	5	2633	22	20	15	372	0.603
KU10AR-8	20 cm	23	22	173	17	4948	260	1309	0.551

sample no	minerals	strike dip	comments	zone name
KU10AR-1	py, pyo, cpy	355 70 E	Main showings	Dead Goat
KU10AR-2	py, pyo, cpy	350 68 E	Main showings	Dead Goat
KU10AR-3	py, pyo, cpy	350 65 E	Main showings	Dead Goat
KU10AR-4	py, pyo, cpy, sph, gal	348 76 E	Upper zone	Dead Goat
KU10AR-5	py, pyo, cpy, sph	350 75 E	Main zone east ext	Dead Goat
KU10AR-6	py, pyo	358 70 E	Main showings	Dead Goat
KU10AR-7	py, pyo, cpy	355 68 E	Main showings	Dead Goat
KU10AR-8	py, pyo	350 70 E	Main showings	Dead Goat

sample no	width	easting NAD 83	northing NAD 83	elev (m)	lithology	alteration
KU10AR-1	30 cm	450144	6578224	1791	marble	diop, act, trem, garnet
KU10AR-2	80 cm	450128	6578241	1782	marble	diop, act, trem, garnet
KU10AR-3	100 cm	450117	6578272	1627	marble	diop, act, trem, garnet
KU10AR-4	23 cm	450136	6577741	1840	marble	diop, act, trem, garnet
KU10AR-5	30 cm	450189	6578193	1671	marble	diop, act, trem, garnet
KU10AR-6	15 cm	450130	6578237	1638	marble	diop, act, trem, garnet
KU10AR-7	15 cm	450118	6578272	1628	marble	diop, act, trem, garnet
KU10AR-8	20 cm	450121	6578260	1631	marble	diop, act, trem, garnet

# Appendix C

## Magnetometer readings Dead Goat (Main Zone) July 25, 2010

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/Gem Systems GSM-19T 6112151 v7.0 7 XI 2006 M t-e2.v7
/ID 1 file 01survey.m 21 II 00
/
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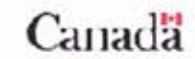
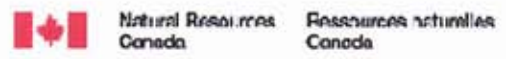
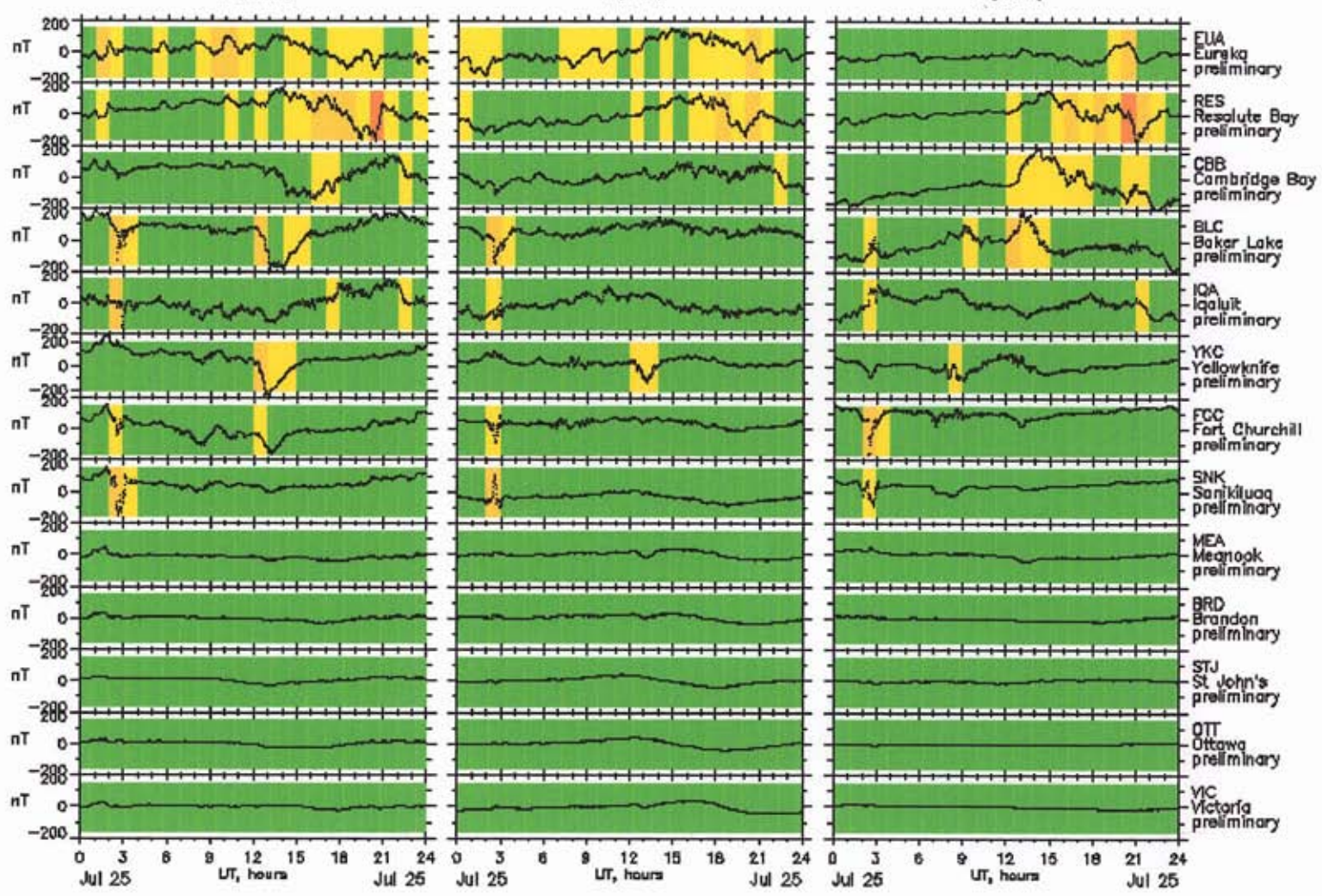
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08350N	00125.00E	57668.36	99	000000.00	013426.0
08350N	00112.50E	57723.49	99	000000.00	013902.0
08350N	00100.00E	57725.69	99	000000.00	014046.0
08350N	00087.50E	57703.62	99	000000.00	014430.0
08350N	00075.00E	57661.60	99	000000.00	014510.0
08350N	00062.50E	57631.35	99	000000.00	014810.0
08350N	00050.00E	57618.75	99	000000.00	014910.0
08350N	00037.50E	57644.91	99	000000.00	015030.0
08350N	00025.00E	57635.13	69	000000.00	015658.0
08300N	00025.00E	57558.00	99	000000.00	020938.0
08300N	00037.50E	57569.92	99	000000.00	021134.0
08300N	00050.00E	57573.08	99	000000.00	021214.0
08300N	00062.50E	57573.47	99	000000.00	021258.0
08300N	00075.00E	57588.35	99	000000.00	021342.0
08300N	00087.50E	57551.64	99	000000.00	021438.0
08300N	00100.00E	57458.77	99	000000.00	021726.0
08300N	00112.50E	57600.52	99	000000.00	021814.0
08300N	00125.00E	57601.22	99	000000.00	021902.0
08300N	00137.50E	57555.50	99	000000.00	021942.0
08300N	00150.00E	56948.84	59	000000.00	022018.0
08300N	00162.50E	57540.00	99	000000.00	022102.0
08300N	00175.00E	57503.81	99	000000.00	022130.0
08250N	00150.00E	57733.66	99	000000.00	024454.0
08250N	00137.50E	58014.58	99	000000.00	024542.0
08250N	00125.00E	58137.99	99	000000.00	024630.0
08250N	00112.50E	57243.79	99	000000.00	025310.0
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08250N	00087.50E	57514.69	99	000000.00	025602.0
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08200N	00025.00E	57524.30	99	000000.00	031514.0
08200N	00037.50E	57503.02	99	000000.00	031730.0
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08200N	00062.50E	57484.63	99	000000.00	031846.0
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08200N	00087.50E	57489.98	99	000000.00	032034.0
08200N	00100.00E	57455.93	99	000000.00	032118.0
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08200N	00137.50E	57441.76	99	000000.00	032654.0
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08150N	00100.00E	57480.70	99	000000.00	035026.0
08150N	00087.50E	57481.94	99	000000.00	035246.0

Magnetometer readings Dead Goat (Main Zone) July 25, 2010

(cont.)

08150N	00075.00E	57508.82	99	000000.00	035434.0
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08150N	00037.50E	57497.51	69	000000.00	035730.0
08150N	00025.00E	57495.69	99	000000.00	035754.0

Canadian Magnetic Observatories - 1 min data Day 206 25 July 2010



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Date Modified: 2009-09-17

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# Magnetometer readings Dead Goat (Upper S Zone) July 26, 2010

/Gem Systems GSM-19T 6112151 v7.0 7 XI 2006 M t-e2.v7

/ID 1 file 01survey.m 22 II 00

/

/X Y nT sq cor-nT time

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07700N	00125.00E	57443.20	99	000000.00	022526.0
07700N	00112.50E	57606.00	99	000000.00	022758.0
07700N	00100.00E	57777.19	99	000000.00	023002.0
07700N	00087.50E	57561.41	99	000000.00	024058.0
07700N	00075.00E	57509.45	99	000000.00	024210.0
07700N	00062.50E	57534.85	69	000000.00	024754.0
07700N	00050.00E	57521.38	99	000000.00	031922.0
07700N	00037.50E	57523.07	99	000000.00	032450.0
07750N	00050.00E	57530.59	99	000000.00	032714.0
07750N	00062.50E	57331.12	09	000000.00	032830.0
07750N	00075.00E	57500.93	99	000000.00	032926.0
07750N	00087.50E	57470.45	99	000000.00	033018.0
07750N	00100.00E	57268.39	99	000000.00	033138.0
07750N	00112.50E	57499.87	99	000000.00	033510.0
07750N	00125.00E	57743.11	99	000000.00	033602.0
07750N	00137.50E	57408.91	99	000000.00	033650.0
07750N	00150.00E	57500.32	99	000000.00	033742.0
07750N	00162.50E	57485.68	99	000000.00	033818.0
07750N	00175.00E	57507.16	99	000000.00	033842.0
07750N	00187.50E	57523.62	99	000000.00	033910.0
07750N	00200.00E	57522.35	99	000000.00	033958.0
07800N	00150.60E	57534.02	99	000000.00	040526.0
07800N	00137.50E	57522.39	99	000000.00	040550.0
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07800N	00062.50E	57634.69	99	000000.00	041014.0
07800N	00050.00E	57693.37	99	000000.00	041054.0
07850N	00075.00E	57220.78	99	000000.00	041246.0
07850N	00087.50E	56316.04	49	000000.00	041326.0
07850N	00100.00E	54484.82	39	000000.00	041406.0
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07900N	00125.00E	57527.82	99	000000.00	041922.0
07900N	00112.50E	57576.48	69	000000.00	042026.0
07900N	00100.00E	57671.20	99	000000.00	042114.0
07950N	00150.00E	57518.24	99	000000.00	042434.0
07950N	00137.50E	57527.92	99	000000.00	042458.0
07950N	00125.00E	57545.08	99	000000.00	042534.0
07950N	00112.50E	57489.04	99	000000.00	042614.0
07950N	00100.00E	57488.94	99	000000.00	042710.0
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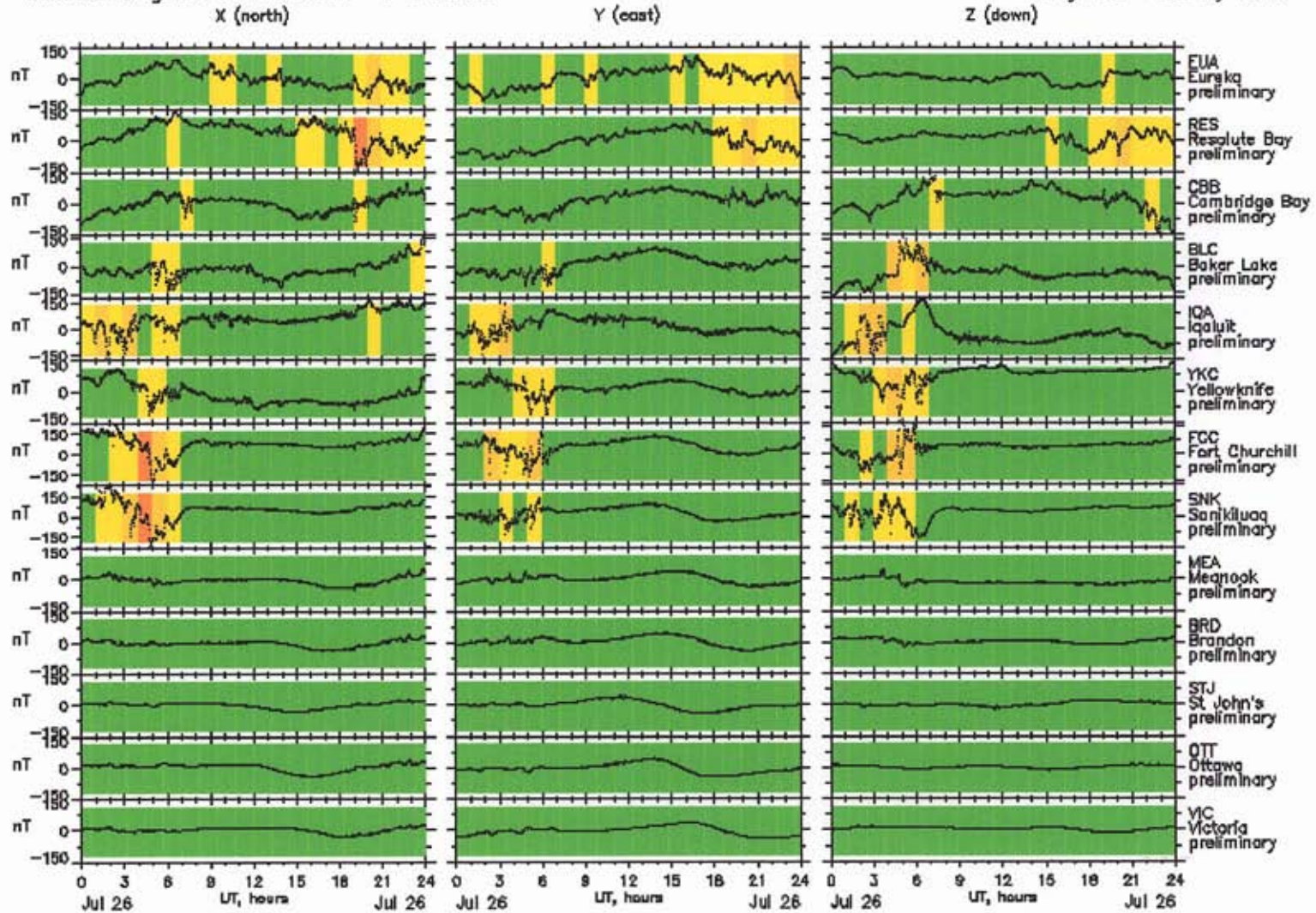


Magnetometer readings Dead Goat (Upper S Zone) July 26, 2010 (cont.)

07950N	00062.50E	57445.07	99	000000.00	043050.0
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07950N	00037.50E	57497.00	99	000000.00	043218.0
07950N	00025.00E	57519.96	79	000000.00	043310.0
08000N	00025.00E	57492.35	99	000000.00	043506.0
08000N	00037.50E	57515.78	99	000000.00	043618.0
08000N	00050.00E	57535.32	99	000000.00	043714.0
08000N	00062.50E	57517.05	99	000000.00	043758.0
08000N	00075.00E	57541.12	99	000000.00	043834.0
08000N	00087.50E	57544.81	99	000000.00	043914.0
08000N	00100.00E	57523.98	99	000000.00	044006.0
08000N	00112.50E	57566.01	99	000000.00	044102.0
08000N	00125.00E	57563.36	99	000000.00	044126.0

Canadian Magnetic Observatories - 1 min data

Day 207 26 July 2010



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Date Modified: 2009-09-17

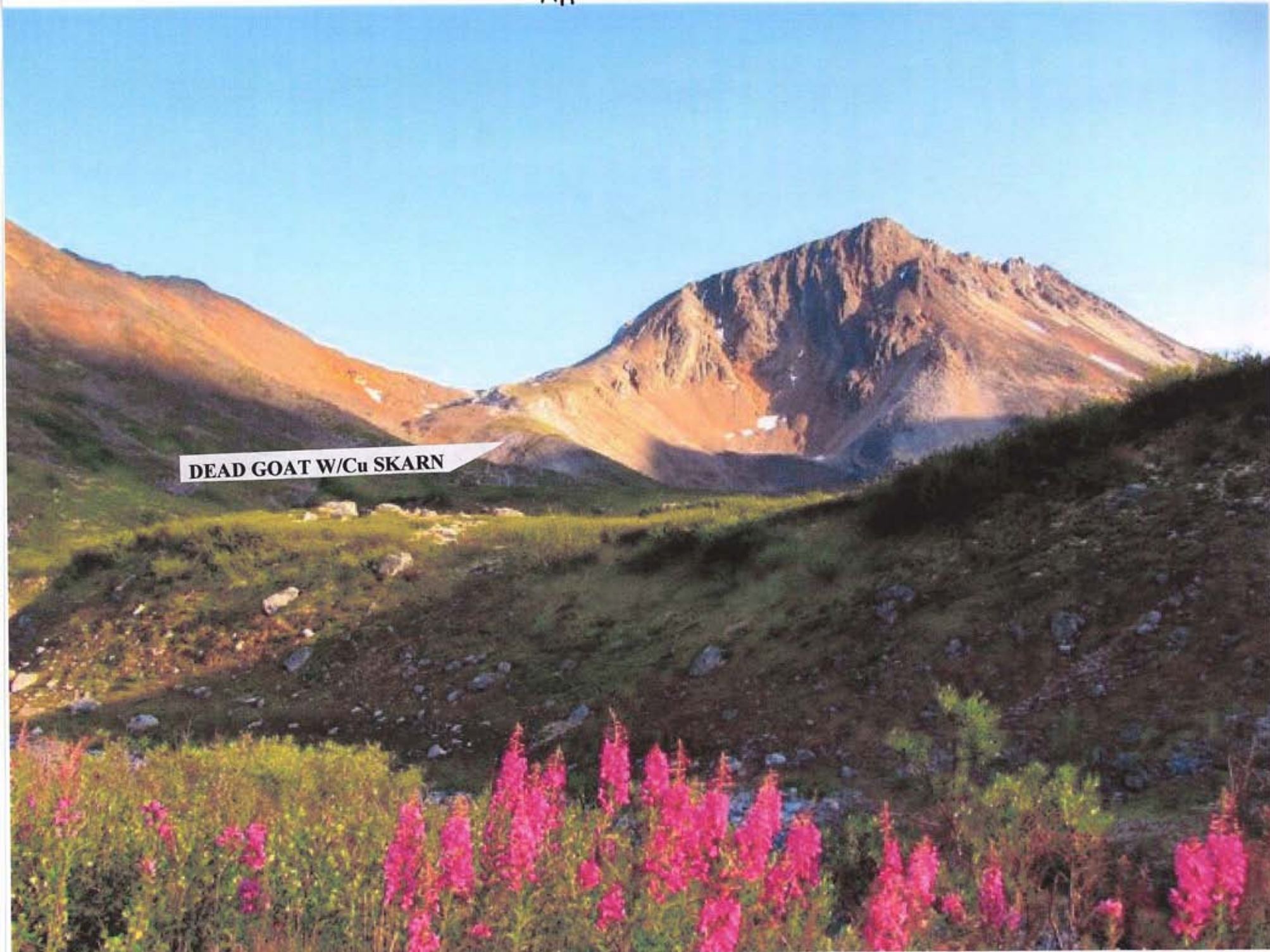
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[Important Notices](#)



Appendix D

**DEAD GOAT W/Cu SKARN**







**KUH N W/Mo SKARN**