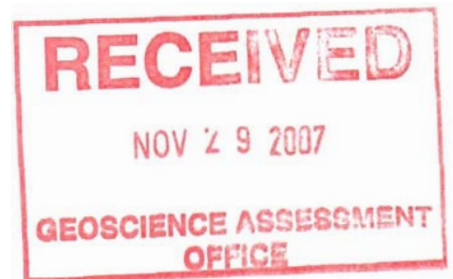


Western Kidd Resources Inc.

Report of Diamond Drilling,
Drill Hole W-07-#15
Meunier Property
Loveland Township, NW Timmins Area
August 2007

2.36541



42A/12

A.W. Beecham
18th Aug. 2007

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- Appendix II Assay Certificates; Au, Ag, Cu, Pb, Zn, geochemistry;
- Appendix III Whole Rock Lithochemistry Analyses Sheets;

Western Kidd Resources Inc.
Report of Diamond Drilling,
Drill Hole W-07-#15
Meunier Property, Loveland Township, NW Timmins Area
Feb, March 2007

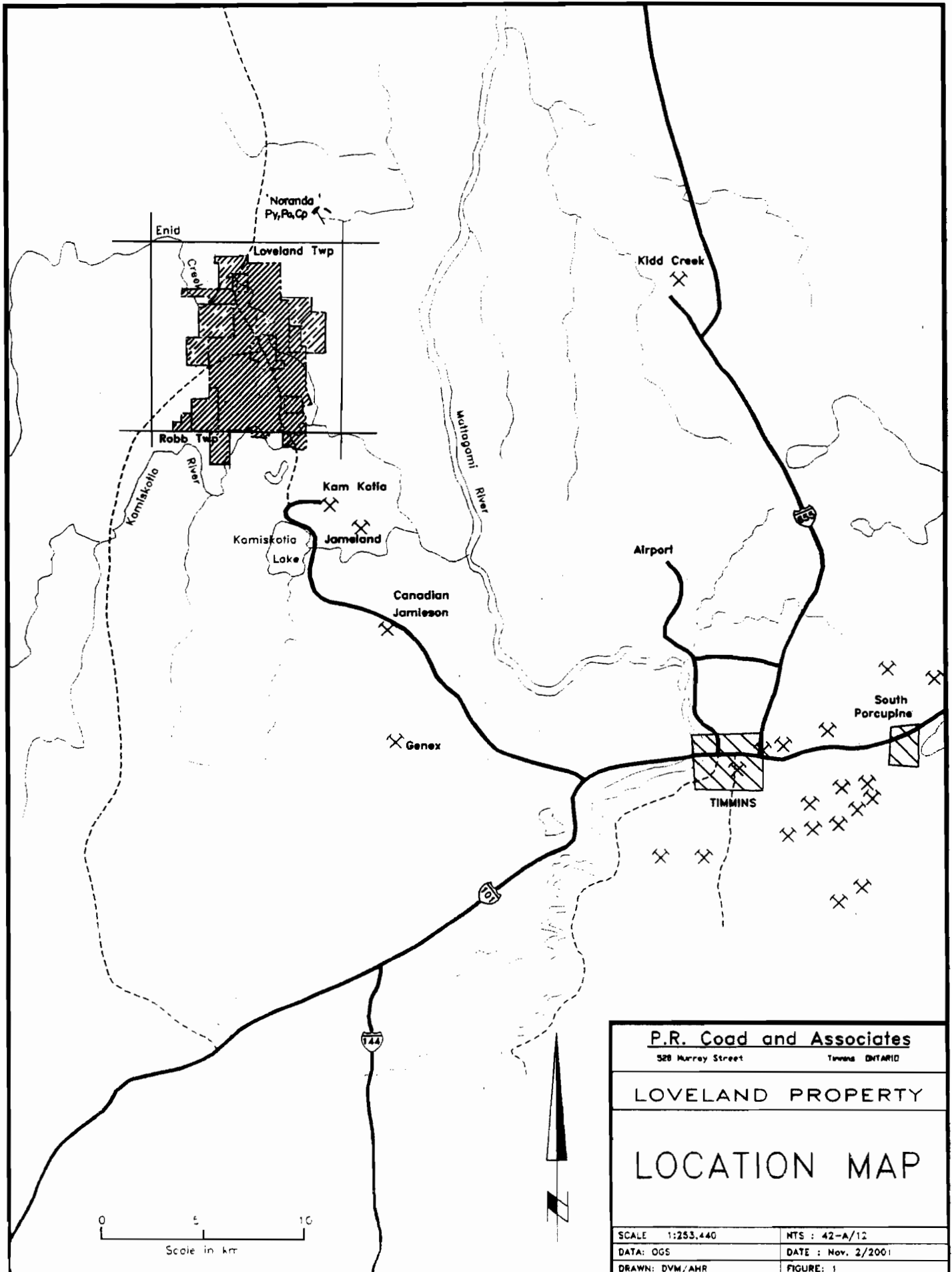
Introduction

In 2005, an interesting NNE striking, zinc-bearing horizon was noted from data in the MNDM assessment files. This horizon which lies a few hundred metres west of the SW part of the Western Kidd, Loveland property consists of argillite and fine tuff beds with pyrite, pyrrhotite and graphite at the contact between felsic volcanics in the footwall to the west, and mafic volcanics in the hangingwall to the east. Concentrations up to 1.46 % Zn over 6.37m including 4.80% Zn over 0.73m are present. Mespri Mines, who discovered the mineralization in 1965, tested it with 5 drill holes. Falconbridge drilled a further 6 holes on the horizon from 1988 to 1996. Although the amount of the dip appeared ambiguous, (either steep or gentle) an initial study of the data, suggested the dip could be as low as 32° to the east-southeast. The horizon was projected to cross onto Western Kidd claims at depths of less than 400m and it was thought that a fairly large area of this favourable contact might underlie the SW part of Western Kidd's property at depths easily accessible by diamond drilling.

Area Geology: As described by Hathway et al, the area is underlain mainly by the (2719 to 2710 Ma) Kidd-Munro assemblage of volcanics. This assemblage hosts the Kidd Creek deposit to the east. The geology of the main part of the property, to the east and northeast is described in more detail by, Burt and Coad and Harvey, and Beecham. The area around drill hole W-07-15 has no out crop and is generally covered by about 30m of overburden. It lies near the SW limit of the large area of felsic volcanics shown by Hathway in SW Loveland Township. In detail this felsic unit which farther east, at least, consists of tholeiitic quartz-phyric tuffs and flows, is interlayered with mafic flows and cut by numerous mafic intrusives. The volcanics are east facing and for the most part dip steeply to the east.

Benoit Lafrance of Cogitore Resources did a lithochemical study of the area sampling outcrops to the north and west and Mespri core from the MNDM core library and collecting data on other drill core in the area and in the MNDM database. He concluded that the aphyric rhyolites in the Mespri drill holes were chemically different from both the Kidd-Munro, quartz-phyric rhyolites to the north and east and also from the Blake River rhyolites of the Kamiskotia complex in Robb Township to the south.

Although chemically somewhat different, the rhyolites core at depth in drill W-07-15 are texturally similar (aphyric) to the Mespri rhyolites described by Lafrance. They lie clearly north of the fault that separates the Kamiskotia, Blake River assemblage from the Loveland Kidd-Munro assemblage. However, whether they mark a lower unit in the Kidd-Munro or a separate assemblage is not know without further age determinations.



P.R. Coad and Associates 528 Murray Street Timmins ONTARIO	
LOVELAND PROPERTY	
LOCATION MAP	
SCALE 1:253,440	NTS : 42-A/12
DATA: OGS	DATE : Nov. 2/2001
DRAWN: DVM/AHR	FIGURE: 1

Revised by: A.W.Beecham Jan. 2005
 MAY 2006

Location and Access: The property lies within the City of Timmins, 35 km northwest of the centre of the city. Access is by the all-weather, well maintained Abitibi forestry road which runs north from Highway 576 at Kamiskotia Lake. At approximately km. 9 on the Abitibi Road, the 'Malette' Road branches to the SW and passes about 1 km NW of the SW corner of the property and just over 1 km. from drill hole W-07-15. About 400 m east of the Loveland Creek, a secondary forestry road branches to the SE. This road which deteriorates to a track 400m from the Malette road, provides access to the drill site.

Property Description: Data on 4 claims in the immediate area to the drilling are listed below. All of the work was done on Claims 3010863 and 3015985. The claim lies in Loveland (geographical) Township in the Porcupine Mining Division.

Claim #	Units	Recording Date	Due Date	Recorded Owner
1207697	4	9 th Jan. 2003	9 th Jan., 2008	Western Kidd Resources Inc. client # 400642
3010863	8	24 th Feb. 2003	24 th Feb. 2008	"
3015985	1	20 th Sept. 2005	20 th Sept. 2008	"
4207629	4	1 st Feb. 2006	1 st Feb. 2008	"

Previous Work: Table I as modified after Coad and Harvey covers the whole property. Work relevant to the SW area where diamond drilling described here was done, is noted. Work done on the adjacent Cogitore Resources claims is also included. These claims are recorded in the name of INMET Mining Corporation, but are now controlled by Cogitore Resources Inc.

Table I Previous Work, Western Kidd Property

1965, 1966	Mespi Mines	Held areas in SW Loveland and NW Robb Twps incl. SW part of present W. Kidd holdings and present, adjacent Cogitore holdings: Ground magnetic and JEM survey, presumably following up airborne EM. (A.E.M. covered Loveland twp.) Drilled 4 diamond drill holes on EM conductor intersecting what referred to here as the Mespi horizon with Py, Po and significant Zn values;
1966	MacDonald Mines:	Geological mapping, Trenching and Geophysics, incl west side of 'Mount Meunier'; (Assessment file S. Porcupine T-785)
1972	Hollinger GM	Area in SW Loveland covered SW part of W. Kidd's present holdings and part of Cogitore's present holdings: Ground magnetics, HLEM, compilation of data; Also held other claim groups on which ground geophysics done; one drill hole (160m) along Loveland-Robb Twp line at south end of present W. Kidd property;
1975	Cominco Ltd:	Airborne EM survey over Loveland Twp and overburden drilling;
1980, 1981	Gulf Minerals	Extensive exploration programs incl airborne EM, ground magnetics; HLEM, IP Surveys, overburden drilling; 7 diamond drill holes totaling 1971.8m: The overburden drill program reached as far west as the drill hole described in this report.
1983-1984	Kidd Creek Mines	Held 9 claims in SW Loveland covering Mespi horizon: Geological mapping, ground EM and magnetics; located one of old Mespi dh casings;
1988	Ont. Geol. Survey	Geotem Survey (AEM) over Timmins area incl Loveland Twp;
1988-1996	Falconbridge Ltd.	Holdings included present Cogitore ground and SW part of W. Kidd holdings; Tested Mespi horizon with 6 drill holes incl. one drill hole to 422m to test horizon to depth. Lithochemistry apparently done on core, but withheld from public record;
1990	D. Meunier	Borehole UTEM survey on Gulf Minerals hole, R81-A-3
1990	D. Meunier	Gulf diamond drill hole R81-A-3 deepened 436.8 to 583.1m; drilled hole LDM 90-2 to 398.1m;
1991	D. Meunier	Geological mapping of part of property by R.P. Bowen
1992	D. Meunier	UTEM on 6 km. of grid over 'eastern contact' area; Lamontagne Geophysics Ltd
1990's	Placer-Dome	Ground magnetics and IP on N-S oriented grid in SW part of area; Property under option from D. Meunier;
1994, 1996	D. Meunier	Various ground magnetic surveys, VLF-EM and some IP surveys on a WSW-ENE trending metric grid, work by Excaliber International Consultants; (T-4562);
1997	Atna Resources	7 diamond drill holes totaling 2094.0m in southern part of property; (While property under option from D. Meunier)
1997	D. Meunier	Borehole TM survey on dh. LDM97-3, by Quantec Consulting Inc.
1997	Ryan Exploration	Ground magnetic survey on NE part of property;
1998	Atna Resources	4 diamond drill holes, totaling 834.83m in SW part of property; Claims 1189405; 1189411; Included considerable amount of lithochemistry;
1998	Prospectors Alliance Inc.	Horizontal Loop EM on claims within centre of Meunier block (current claims 3019589 - 3019594);
1999	D. Meunier	2 diamond drill holes, LDM-99-01, and LDM-99-02, totaling 817m;
May 2000	Explorers Alliance	1 diamond drill hole ELS00-1; drilled to 252 m drilled on current claim 3019594;
2000	D. Meunier	Ground magnetics and VLF survey, on 'engineering grid' (eastern contact area); (Assess't file: T-4538)
2000	D. Meunier	Dighem (helicopter AEM) survey over central portion of property;
2001, 2002	D. Meunier	2 drill holes, eastern contact area total 311m
2003	Ont. Geol. Survey	MEGATEM II Survey of Kamiskotia Area covered claims;
Mar, 2004	Western Kidd Res	Horizontal Loop EM. Lines 9100N & 9300N, 'Eastern Contact' area;
2004	Western Kidd Res	Geological mapping, 'eastern contact' area;
2003, 2004	Western Kidd Res	Diamond drilling 8 holes for 2269m, eastern contact area;
July, 2004,	Western Kidd Res	Gradient IP Survey, 'Eastern Contact' area from line 10200N to 11000N;
2004, 2005	Western Kidd Res	MMI survey over part of 'Eastern Contact'
2004-2006	INMET/Woodruff Capital/Cogitore Resources	Area in SW Loveland adjacent to W. Kidd holdings; Line cutting, pulse EM, ground magnetics, data compilation and, lithochemical evaluation of area by Benoit Lafrance;
2005	Western Kidd Res	IP, magnetic surveys Area A, Area B, Maggie's Lake area; Magnetic survey SW Loveland area; (area of dh W-07-15)
2006	Western Kidd Res	Diamond drilling 5 new holes and deepening previous hole; 1055.5m; Tested IP anomalies in Area B west of Abitibi Road;
August 2006	Western Kidd Res	Diamond drilling 1 hole tested IP anomaly west of Maggie's Lk; 179.0m

Table II
Diamond Drill Hole Statistics and Collar Data

DH #	UTM Coord <small>NAD 83 Zone 17</small>		Azim	Local Grid		Azim	Dip	Length	Remarks
	East	North	UTM	North	East	Local Grid	m		
W-06-15	448477	5387167	302°	900	-449.8		-85°	617.9	

Results

W-07-15 was drilled to test the 'Mespi horizon' at depth. Assuming a 32° ESE, this horizon should have been intersected at a depth of about 450m.

The hole cut the following section:

- 0 - 30.9m Overburden
- 30.9 - 41.6m: Felsic to intermediate tuff;
- 41.6 - 344.4m Mafic Flows
- 344.4 - 430.1m Mafic intrusives/Fault Zone
- 430.1 - 566.9m Pillowed mafic flows, (hornfelsed alteration, cordierite-garnet, 504.2 – 566.9m)
- 566.9 - 570.9m Altered, mineralized mafic volcanics + thin felsic tuffs with 10% Po, Py tr Cp
- 570.9 - 572.0m Felsic fragmental + cherty tuff+ sulphides zones with > 1% Po, Py, tr Cp
- 572.0 - 582.0m Sericite altered, felsic fragmental volcanic
- 582.0 - 617.9m Felsic, fragmental volcanic;

The hole was stopped at 617.9m when the contractor indicated it was the limit of his equipment.

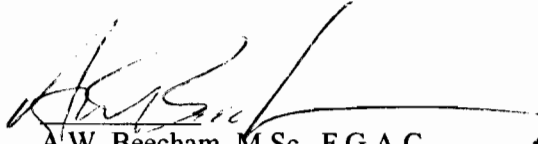
The mineralized, altered mafic over felsic contact at 570.9 does not agree with the interpreted 32° dip. As well, small core angles suggest much steeper dips. The most reasonable interpretation is that the felsic volcanics cut at 572m in W-07-15 correlate with the felsics in the Falconbridge hole, L-11-11, and that this horizon marks a horizon higher up in the stratigraphic sequence.

The volcanics cut in W-07-15 are moderately to strongly deformed with a pronounced foliation or schistosity. This is in contrast to the undeformed rocks in the Eastern Contact area. On the Cogitore claims, the shallow holes by Mespi Mines and Falconbridge suggest shallow eastward dips. However, with the degree of deformation seen in W-07-15, it is possible that the apparent shallow dips are due to local folding.

Discussion

There is an appreciable concentration of sulphides at the felsic-mafic contact (at 570.9m), hornfelsed alteration (cordierite-garnet-amphibole) typical of VMS systems occurs in the hangingwall rocks and the felsics below the contact have significant sericite alteration. Even though drilling indicates that dips are steep, > 60°, and it seems unlikely that there is a large area of easily accessible, favourable VMS horizon present, the immediate area around W-07-15 seems very favourable. Rare earth geochemistry has not been done, but plotting the data on Leshner's Zr/Y vs Y plot indicate the rhyolites fall on the left hand side of the F-III field.

The drill penetrated 47m into the felsic volcanics (below 570.9m), but due to the strata lying at a small angle to the hole, the distance, normal to the contact is much less. Therefore it is recommended that the hole be deepened before a down hole pulse EM survey is undertaken.



A.W. Beecham, M.Sc. F.G.A.C.
Haileybury, Ontario,
18 August 2007



References

- Beecham, A.W.
Feb. 2005 Report of Geological Mapping, Meunier Property, Loveland Township, NW Timmins Area, June to September 2004; (Filed for assessment MNDM)
- Burt, P.
July 2001 Selection of Target Areas, Dave Meunier Project, Loveland Township, Timmins, Ontario; Burt Consulting Services;
- Coad P.R. & Harvey P.G.
Nov. 2001 Qualifying Report, Loveland Property (Potential Volcanogenic Massive Sulphide Property), Porcupine Mining Division, District of Cochrane;
- Grant, John
(report of Magnetic survey SW Loveland, Assessment files MNDM)
- Hathway, B, et al
2005 Geological Setting of Volcanogenic Massive Sulphide Mineralization in the Kamiskotia Area; Discover Abitibi Initiative; incl. map P.3556; Ont. Geological Survey; Open File Report 6155
- Lafrance, B.
2006 Covering letter and lithochemical data, by Ressources Cogitore Inc.
- _____
2006 Excerpts from report filed as assessment work with MNDM describing lithochemistry and classification of volcanics, and evaluation of economic potential;
- Leshner C.M., et al
1986 Trace element geochemistry of ore-associated and barren felsic metavolcanic rocks in the Superior Province, Canada, Cdn Jour. Earth Sciences, vol. 23, pp222-237;
- Ont. Geol. Survey
1998 Geological Compilation of the Timmins Area, Abitibi Greenstone Belt; Map P. 3379 (OGS);

Appendix I:

Diamond Drill Hole Logs: W-06-#15

Temporary Core Storage Location:

403 Goldrush St. S. Porcupine, ON;

'Permanent' Core Storage Location:

Knight Hawk Timber Company Site
Stringer Road, Western Shaw Township
South of South Porcupine

DH#	Northg	Eastg	Elev	Az	Dip	UTM Base	UTME	UTM N	UTM E	Length	Claim #s **	Drilled By	Logged By
W-06-15	900	-449.8	300m	302°	-85°	NAD 27				617.9	3010863	MW Diamond Drilling	A. W. Beecham
		(West)	assumed			NAD83	448477	5387167			3015985	Porcupine, ON	

Down Hole Surveys

Depth	Az. Mag	Az. Corr	Dip	Remarks
collar			85.0	head
32			87.0	acid test
83			87.0	acid test
137			87.5	acid test
185			88.0	acid test
236			89.0	acid test
287			89.0	acid test
338			89.5	acid test
389			89.5	acid test
440			89.0	acid test
496			89.0	acid test
545			89.0	acid test
596			88.5	acid test

Dates: Started 23-Feb-07
Completed 26-Mar-07

Samples: 24924 to 24950
3501 to 3526

Temporary

Core Storage: 403 Goldrush Ave.
South Porcupine, ON

Permanent storage: (to be)
Nighthawk Timber depot, Stringer Road
Shaw Township. (south of S.Porcupine):

Objective:

Test apparent 32' southeast dipping mafic over felsic volcanic contact intersected in Mespi Mines and Falconbridge drill holes to west; Contact marked by graphitic sediments with significant Zn values;

Drilling Notes: core size NQ; casing left in place; water supply Falconbridge hole L-11-07, 430m to NW;
Some difficult ground conditions experienced and water return lost in upper part of the hole (somewhere above about 150m?). Drillers reported 'sand' in the hole in this section.

Contents:

Collar sheet pg. 1, 2
Lithology pg. 1 - 11;
Assay Sheet 1 pg.
Lithochem. 1 pg
Geological Legend 1 pg.

Claims 0 to 500m 3010863
500 -617.9 3015985

Western Kidd Resources Inc.
 Loveland Township

Drill Log

DH. W-07-15

Drill Hole Number: W-06-#15

Down Hole Coordinates:

Sect. Azim. 302°

Data Depth	Plotting Point From To	Increm'l Length "L"	"L" corr'd for sign	Dip a	Azim of Segm't	Angle to Sec b	West "X"	Vert "Y"	Grid North "Z"	Remarks	
collar							449.8	300.0	900.0		
0.00	0.00	16.00	16.00	-16.00	85.0	302.0	0.0	451.2	284.1	900.0	acid test
32.00	16.00	57.50	41.50	-41.50	87.0	302.0	0.0	453.4	242.6	900.0	acid test
83.00	57.50	110.00	52.50	-52.50	87.0	302.0	0.0	456.1	190.2	900.0	acid test
137.00	110.00	161.00	51.00	-51.00	87.5	302.0	0.0	458.3	139.2	900.0	acid test
185.00	161.00	210.50	49.50	-49.50	88.0	302.0	0.0	460.1	89.8	900.0	acid test
236.00	210.50	261.50	51.00	-51.00	89.0	302.0	0.0	461.0	38.8	900.0	acid test
287.00	261.50	312.50	51.00	-51.00	89.0	302.0	0.0	461.8	-12.2	900.0	acid test
338.00	312.50	363.50	51.00	-51.00	89.5	302.0	0.0	462.3	-63.2	900.0	acid test
389.00	363.50	414.50	51.00	-51.00	89.5	302.0	0.0	462.7	-114.2	900.0	acid test
440.00	414.50	468.00	53.50	-53.50	89.0	302.0	0.0	463.7	-167.7	900.0	acid test
496.00	468.00	520.50	52.50	-52.50	89.0	302.0	0.0	464.6	-220.2	900.0	acid test
545.00	520.50	570.50	50.00	-50.00	89.0	302.0	0.0	465.5	-270.2	900.0	acid test
596.00	570.50	606.95	36.45	-36.45	88.5	302.0	0.0	466.4	-306.6	900.0	acid test
617.90	606.95	617.90	10.95	-10.95	88.5	302.0	0.0	466.7	-317.6	900.0	acid test

Declination Correction: 10.5° West;

Surface elevation Assumed: 300m

Summary Log:

30.9	41.6	Fine, Intermediate to Felsic Tuff
41.6	169.7	Feldspar-phyric (+/-) Mafic Flows (andesites)
169.7	254.4	Aphyric Mafic Flows
254.4	344.4	Feldspar-phyric (+/-) Mafic Flows (andesites)
344.4	430.1	Shear Zone (Fault?) and Mafic Dyke Complex
430.1	504.2	Pillowed Mafic Flows (basalts)
504.2	566.9	Altered Pillowed Mafic Flows (basalts) with hornfelsed alteration;
566.9	570.9	Altered Mineralized Mafic Volcanic + Thin Mineralized Tuff, 7 to 10% Po, Py, minor Cp
570.9	572.0	Felsic Fragmental, Cherty Tuff + Sulphide Zones: >10% Po,Py tr Cp
572.0	582.0	Sericite-altered Felsic Fragmental Volcanic
582.0	618.0	Felsic Fragmental Volcanic

General Remarks: (1) Mafic flows, 169.7 to 344.4, looks similar to sequence of calc-alkalic/transitional mafic flows above 'Eastern Contact' in eastern part of property along the Abitibi Road. They are relatively hard and resonate when struck and they have similar pillow selvages and are variably feldspar-phyric.

(2) Apparent change in composition at 169.7 with hard brittle andesites above and fine massive units with mg gabbro-like flow 'cores' or sills below;

(3) 344.4 to 430.1: Shear zone, dyke-complex at small angle to core probably marks steeply dipping fault separating mainly feldspar-phyric andesites(?) on one side from altered, well-pillowed basalts(?) on other side. This could be major fault separating Kidd-Munro Assemblage on east from an un-named assemblage (Mespi rhyolite etc) on west side.

(4) Mafic over felsic contact at 570.9m :: significant alteration above contact, typical hornfels assemblage of chlorite altered rocks, dark amphibole, cordierite and garnet; Significant concentration of Po, Py with tr to minor Cp and Sph in immediately overlying mafic volcanics, especially within thin interflow sediment within the mafics, also in cherty tuff and tuff bx? right at contact, followed by strongly sericite altered, aphyric felsic fragmental volcanic;

(5) 'Contact' intersected at 570.9m correlates with similar contact in Falconbridge drill hole L-11-11 with a dip of 65° ESE. Near absence of graphite in this hole and small core angles do not agree with original hypothesis of a gentle ESE dip. i.e. Evidence at present (before lithochemical data available) suggests there are 2 separate, relatively steep-dipping rhyolites, one in the Mespi and shallow Falconbridge dh's and a second, stratigraphically higher rhyolite in Falconbridge dh L-11-11 and this drill hole.

Geophysics: Sulphides at mafic/felsic volcanic contact at 570.9m, are conductive and strongly magnetic (mainly Po) and at surface should be detectible with EM and magnetic surveys; Mafic volcanics above the contact contain a small amount of Po, whereas the felsic volcanics below the contact contain almost no Po. Hence, this contact, perhaps even in the absence of the sulphide concentration at the contact should also be detectible by magnetic surveys.

From	To	Symb	Description	Structure	CA	Alteration, Veins	Alt Sym	Mineralization
0.00	30.90	C	CASING 29.5 to 30.1 +/- apparent bldrs mafic volcanics and monzonite/diorite;	(core angles given approx. every 6m)				
30.90	37.80	3f	INTERMEDIATE LAPILLI TUFF; med grey, lapilli to coarse sandy tuff; H=4.5 to 5; composed of fsp, a little fine chl & probably fine qtz? Elongate fg felsic lapilli from mm up to >1 cm. Weakly fsp phyrlic;	Lapilli elongation, cleavage, indistinct bedding as follows: 31m -40'; 34m-50; 35m-45; 37m-55; Minor broken sections;	48'	Isolated white qtz-carb incl calc. patches; very minor calc.		Py, tr diss and minor qtz carb veinlets; Isolated tr Sph? At 31.5
37.80	41.60	3f	FINE, INTERMEDIATE TUFF: Dark grey fine grained, weakly fsp-phyric; H=4...5-5;sub-concoidal fracture;	Very indistinct bedding at 45 Most of unit is massive;	45	weak 'grid' bleaching sil'n	sil	Py; tr as small scattered grains. and diss'n;
41.60	50.90	5f	FG-MG MAFIC INTRUSIVE; med grey, where undeformed randomly oriented fsp, some clumping of mafics (chl);	Upper ct chilled at 43; Lower ct indistinct, but abrupt with gradual chill at 45; Foliation/mineral alignment at 45; mismatch and drilled over core, minor lost core	45	Minor white qtz-calc+ - Py and qtz-chl and calcite veinlets.		tr Cp in 2mm calc vein at 49.8m. tr Py here and there in mm qtz-calc. veinlets;
50.90	62.40	2a, 2b	DEFORMED MAFIC VOLCANICS; Med dull green, even, fine grained, H=3.5; non magnetic; Massive or with sections of deformed bx, possible pillows;	50.9- 55m: massive; 55-62.4: Strongly deformed with streaky foliation/banding & strong schistosity at small angles to core as follows: 56m-10'; 58m-17'; 60m -00' ;	10, 17, 00,	5 to 8% qtz-calc. veinlets and partings in sheared zones; Streaks layers of dark green chloritic material, possibly interflow and bx matrix mudstone?? Some pervasive calc. 60.7: 4cm cg calc.	calc, chl	Py as minor conc, up to 3% 20 cm here and there, some in chl/mudstone layers;
62.40	69.50	alt, sh 2	ALTERED, VEINED MAFIC VOLCANICS: 62.4-63.5: Sh'd, chloritic volc or mudstone?? 63.5-65.7: massive mafic volc. 65.7-69: sheared, chl'd volc/sed with crackled qtz-calc veins and maf volc.	Strong folded schistosity, foliation: 63m - 00'; 66m - 40'; 67m - 20'; 69m - 00'	00, 40, 20,	Abundant qtz-calc and minor calcite veinlets; Strong chl as noted in 'Description': 64.1: 1 cm calc . 2% Sph, minor Py at 30'	qtz-calc, chl	Minor conc diss Py in chloritic alt (or mudstone). Po blebs in bx'd qtz-carb-: 3% 10cm at 65.2m. Sph see veins
69.50	82.00	2a, sh 2	MASSIVE TO SHEARED MAFIC VOLCANIC: As above; 78.5 to 82: variably fsp phyrlic;	Sections with strong schistosity;	00, 20, 50, 48,	69.5 to 70.2: streaks, layers chl or mudstone seds/pillow selvages; 3% calc, qtz-calc veinlets, partings; Sections of pervasive calc.	calc, chl	Py tr diss; 78.5 -80.2: 1 to 2% small blebs mm veinlets of Po
82.00	85.70	alt 2b	ALTERED MAFIC VOL. BX: light to med grey, fine even grained with fsp-phyric sections; H=5 to 6;; Bx of rounded, to angular clasts up to 15 cm - probably flow bx; Remarks: 85.5-87.7: relatively massive; 87.7 - 88.3 fg chl'c wisps - mudstone matrix to large fragments (or alteration);	Streaky banding, clast elongation at 40	40, 50,	Strong bleaching/silicification, both pervasive and fr-controlled;	sil	1 to 2% sulphides, small blebs, streaks of Po and diss Py

85.70	96.30	2L/2b	<u>FELDSPAR-PHYRIC MAFIC VOLCANIC BX</u> : cm scale pods, lobes and fragments of fsp-phyric lava with up to 4% o.5 to 2mm white fsp; Even grained material forms matrix and some clasts. Bands, streaks may be pillows; <u>Remarks</u> : 90.7 to 92.4: dark grey, black massive, amygdular fg mafic volcanic with sparse fsp-phyric sections; Variably magnetic - probably due to magnetite; Contacts uncertain; subunit could be shallow intrusive;	Streaky banding, weak schistosity, elongation of clasts, pods	60, Minor bleaching; weak sil'n, and 40, calcite veinlets & partings 50,	bl	Minor conc'n Py as diss and mm veinlets and small blebs Po.; most place sulphide conc up to 0.5% over 10 cm. 94.1 to 94.3: 2% to 3% Po;
96.30	117.70	2g(2l)	<u>AMYGDULAR (+/-FSP-PHYRIC) MAFIC FLOW</u> : Dark green most is fine, even grained; 99.5 to 103m: 4% fsp-phyric pods as above unit;	Variably from 0 to 5%, 1 to 7mm calcite amygdules; Isolated pillow selvages at 99.5, 108; Elongated amygdules ca as noted:	45, Epidote veinlets at 107m and 114.4 40, - 115.3m; minor calcite below 50, 106m and in amygdules 40, throughout;		Isolated minor conc'n diss Py and Po here and there;
117.70	123.10	sh2	<u>SHEARED MAFIC VOLCANIC FAULT</u> : Dark green, fg, composed mainly of chl, calcite; a little Qtz & possibly some remaining fsp.	Strong, contorted schistosity and wispy banding at small core angle as follows: Contacts gradational into undeformed mafic flow, & unit looks like sh'd flow rather than sh'd sed.	25, Strong pervasive chl'n of mafics. 00, probably due to shearing rather than 35, hydro therm alteration; 20% lt grey calc as partings along schist & branching veinlets	chl, calc	isolated tr Py
123.10	148.30	2g, 2d	<u>AMYGDULAR, PILLOWED MAFIC FLOW(S)</u> : Dark green similar to unit 96.3 to 117.7, fg even remnant ophitic texture: H=5 to 5.5; Wide-spaced (up to 2 to 3m) pillow selvages marked by bleaching, some sil'n and epidote, sparse, thin fsp-phyric sections along pillow selvages;	3% 1 to 7mm elongated calcite amygdules and a little flow banding aligned as follows; Moderately fractured, but most healed with calc; 136 - 141: sections of broken core;	40, 6% in upper part to 2% in lower 35, mm calcite veins; very sparse 35, epidote veins; Some sil'n of pillow 45, selvages; 55, 45,		Py diss and in epidote veins; Po as scattered, small blebs and streaks along flow bands and amygdules and in pl selvages; Minor concentrations (0.5% / 10 cm) Py and Po here and there throughout; 128.5: 4% Py/Po; 10 cm. 141.6: 2% Py/Po over 20 cm.
148.30	150.50	sh2	<u>SHEARED MAFIC VOLCANIC FAULT</u> : dk green moderate hardness;	Strong schistosity with some gouge on schist planes, section of broken core; Shearing gradational into massive flow;	20, 5% calcite partings and some 30 pervasive calc.	calc	tr Py as films on schist planes;
150.50	159.20	2a/2f	<u>MASSIVE MAFIC FLOW ROCK</u> : as above; dk grey green with bluish hue; Sections and pods with 1 to 2mm fsp phenoX; Relatively 'fresh' with ophitic texture apparent; H=5	Massive except banding at bottom	55 no significant alteration		isolated tr Py and Po
159.20	169.70	at2d,2f	<u>ALTERED, PILLOWED, MAFIC FLOWS</u> : unaltered parts texturally and colour similar to above units; fsp-phyric texture apparent on altered pillow selvages;	close-spaced pil selvages from 0.2 to 1m; Pillow deformation direction from 35 to 55°; A little flow/pil bx;	40, Light grey discrete 1 to 3mm zones 55 along along pil selvages, very hard-probably strong sil'n; Affects 15 of rock	sil	160.8 - 167.3: minor Po as small wisps, blebs with conc of up to 2% / 10 cm. with tr to 0.5% overall; Minor diss Py;

169.70	186.70	2a	MASSIVE MAFIC FLOW: As above, dk grey green; 182.2 - 186.7: mg and dyke-like but with gradational contacts and probably core of thick flow; Remarks: minor amounts 6 to 10nm long, acicular pale grey mod H mineral tremolite?	weakly amygdular sections in upper part; Prominent fracturing at 10 to 15' with calc and qtz-calc; Weak foliation, amygdule elongation at 45 to 50'	45, 50,	3% mm calc veins and some pervasive calc; Qtz-calc +/-chl veins with 1 to 2% diss Py as follows: 175.5m, 2 to 3 cm at 00°; 176.3m: 10cm at 45; 180m: 20cm vein at 40'	calc	Minor wisps, veinlets Po and fine Py diss; Concentrations of up to 3% Po over 20 cm. Tr Py overall: Cp tr with Po streaks at 170.1m & 170.8m;
186.70	197.70	sh 2	SHEARED MAFIC VOLCANICS: Dark green, even, fine grained H=4.5 to 5; No primary structures remain;	Strong fabric with abundant chl; Variably strong schistosity;	20, 25,	Pervasive abundant chl probably due to metamorphic fabric; 6% lt grey calc parting & veinlets; 190 to 191: 5% banded calc-qtz-chl + -Py up to 3 cm thick at 45 to 60';	chl, calc	See veins: Isolated tr Py wisps along schist planes;
197.70	205.10	fr'd 2a	FRACTURED MAFIC VOLCANICS: As above: Even grained, isolated patch fsp-phyruc at top; Remarks: 197.7-199.: dyke like m-fg, bleached sub-unit with upper ct undefined & lower marked by fract vein at 50'	Fractured, sections broken; Flow structured only at top;		fine network calc veinlets, minor fr-controlled chl at top;	calc	tr Po and Py as isolated small blebs, veinlets;
205.10	211.90	5f	MG MAFIC INTRUSIVE VOLCANIC: Med grey, even, 'diabasic' texture; minor leucoxene; H=5; Remarks: fg mafic dykes cutting 10 cm at 208.1 and from 209.6-210.1m	Contact have gradual chills at 40 & 50'; massive, uniform;	45	Weak bleaching; 3% calc and qtz calc veins; Minor epidote veins;		isolated tr Py
211.90	249.45	2a	MASSIVE MAFIC FLOW(S): Dark grey-green, fine even grained, H=5.5; Original texture obliterated; Composition could be andesitic; Remarks: 211.9-215.1: hard, fg, black weakly fol'd with fsp-chl matrix and 5% 1mm acicular hornblende--massive part of flow or dyke;	Relatively massive with indistinct flow structures, streaky banding, elongation of sulphide grains; 216 - 216.5m: bx with elongate clasts and fine fragmental matrix; 245.1 -246.4: strongly deformed 2cm to 10 cm bx; Moderate to strongly deformed; Possible pillow selvages? here & there. definite selvages at 241.7m Sparse elongate, calcite amygdules; .	45, 60, 35, 45, 60, 50, 20, 45, 40, 55, 45,	Moderate grid-type bleaching--softer than unaltered parts and mostly carbonate; Chl as minor wisps, some with Py-Po; 2% white calcite veinlets; Minor epidote in lower part		Po as small blebs here and there; Py as wisps elongate along foliation, fine diss & mm veinlets; tr Cp with Po blebs at 220.4m: 211.9 - 218: tr to 0.5 % Py/Po over all with conc up to 2% 15 cm; 218 - 244.4m: tr to 0.5% Py/Po over 10cm here and there; 244.5 - 246.5: 0.5% Po/Py
249.40	252.50	5f	MG MAFIC INTRUSIVE: As above, 205.1 - 211.9m; Remarks: fg mafic dyke with chilled contact against mg unit at 70'	Upper ct chilled at 45; Lower ct chilled but actual contact calcite-filled fract at 35		weakly bleached; a few % calc. minor epidote veinlets; 250.5: 1cm white fsp-qtz vein/dyke;		none noted
252.50	254.40	sh2	SHEARED MAFIC VOLCANICS: Dark green, fg with abundant chl'ic partings; Remarks: 252.5 - 253.3: weakly deformed mafic volc;	strong schistosity; No gauge and does not seem to mark a fault.	20	5% calc partings and mm veins;	chl	tr Py as wisps/sparse blebs Po;

254.40	262.80	2f,b	<u>FELDSPAR-PHYRIC, MAFIC VOLCANIC BX</u> : dark green, fine even grained or with +/-15% of unit with 0.5 to 1mm white fsp phenocrysts, both in fragments and matrix; Indistinct bx with irregular fragments up to 10 to 15 cm; A few % white (altered) blotches up to 10 cm.	Close-packed elongate (deformed) fragments or with massive fg matrix; Fragment content about 80%; Strong foliation;	45, 55, 40,	Weakly altered; White fragments (6%) strongly bleached & sil'd;	sil	minor Po and Py as small blebs, mm veinlets and wisps along foliation; Conc of only up to 0.5% over 15cm;
262.80	267.07	5f	<u>MG MAFIC INTRUSIVE</u> : As above, 205.1 - 211.9m; fairly abundant leucoxene; Remarks: 2 x 1 cm white qtz-felspar dykelets in middle;	Contacts chilled against volcanics, upper at 35 and lower at 40; Less strongly deformed than surrounding volcanics and probably considerably younger		only weakly altered, Minor chl-filled fractures;		tr Py as films on chl fractures;
267.07	271.20	2f,b	<u>FELDSPAR-PHYRIC, MAFIC VOLCANIC BX</u> : As above 254.4 - 262.8; 5% white altered fragments;	Moderate to strong deformation with foliation developed at about 45	45	Strong bleaching, and sil'n of 5% of fragments;	sil	tr Py and Po as above; Po seems to be decreasing; Conc to 0.5% 10 cm.
271.20	278.20	2a,g	<u>AMYGLUAR TO MASSIVE, MAFIC FLOW</u> : Dark grey-green, fine even textured; 3 to 5 % 1 to 3 mm dark qtz(?) amygdules throughout 65% of unit; H=5.5; Isolated ragged fragments (inclusions?) altered fg mafic here and there;	Only weak foliation; elongation of amygdules and clasts at 45	45	minor sil of isolated 'inclusions'		tr diss Py with subornate Po; 272.05: 6% wispy Py over 2 cm with tr Cp 274.1 - 274.3 cm bands of soft, pale grey chloritic material with 5% Py (%20cm); 275.7: 1mm calc-chl-Py shear at 45'
278.20	279.50	2f,b	<u>FELDSPAR-PHYRIC, MAFIC VOLCANIC BX</u> : As above 254.4 - 262.8; 15% wispy fragments with white fsp phenocrysts	Foliation, fragment elongation	50	Minor sil of lt grey/white fragments;		tr to 0.5 % diss Py with much less Po;
279.50	281.75	2g,a	<u>AMYGLUAR TO MASSIVE MAFIC FLOW</u> : As above 271.2 -278.2 except no inclusions;	foliation and amygdule elongation				tr to .05% diss and wisps of Py;
281.75	283.70	5f	<u>MG MAFIC INTRUSIVE</u> : As above;	chilled contacts at 50'		bleached; 1-2% calc-qtz-chl veinlets with minor Py in bleached selvages;		tr Py;
283.70	304.70	2g,a	<u>AMYGLUAR TO MASSIVE MAFIC FLOW</u> : Dark grey-green, fine, even grained; Variably amygdular with 1 to 3mm white calcite and 1 mm, inconspicuous black qtz amygdules; H=5 to 5.5; ;	weak to moderate foliation and elongation of amygdules and rare inclusions? 287 to 288: Ghost-like deformed fragmental (2 to 5cm) sections;293.6 - 304.7: very indistinct mottling could be fragmental;	45	2% mm lt grey calc and minor calc-qtz veins; Very weak, diffuse chl mottling (alteration?)		284 - 286: tr to 0.5% diss Py; 295 - 295.1: 4% fine Py & tr Cp in dk grey siliceous selvages to irregular white calcite veins; 298.6 - 298.9: 1% Py-Po with tr Cp with mm calc-black qtz veins; tr Py and rare tr Po elsewhere here and there;
304.70	309.50	2a,c	<u>MASSIVE MAFIC VOLCANIC</u> : Dark green, fg to mg, in place with altered fsp phenocrysts; H=4.5; Some indistinct mottling which could be altered bx, sparse 1mm black quartz amygdules;	Weak foliation at 40	40	1% mm, white calcite and sparse calc-qtz-chl veinlets; 308.6: 3 cm, banded calc-chl-dark qtz vein at 160 or 20'		tr to in places 0.5% Py as fine diss and mm wisps along foliation; Isolated tr Po with Py conc's; Py mainly in finer grained phase;

309.50	314.00	sh2	<u>SHEARED MAFIC VOLCANIC + F.Sp-Qtz-Chl Veins</u> : fg even grained mafic rock as above with 25% vein material between 309.5 and 312.8	Strong schistosity at 10 to 35°; fissile with some broken core at 313m	10, 1 to 20 cm veins at 10 to 110'; 20, Veins consist of lt grey, "pearly" 30, fsp(?) up to 4mm with hairline chl between grains (crackled and re-cemented with chl?) +med green and dk green chl, clear or dark qtz & minor calcite;		tr Py as minute wisps in mafic volc and sparse mm calc veins; no sulphides noted in main fsp-qtz-chl veins;
314.00	322.00	2g, a	<u>AMYGDULAR TO MASSIVE MAFIC FLOW</u> : As above, 283.7 - 304.7; Variable amount of amygdules up to 4 or 5%, mostly 2 to 3mm white calc and sparse black 1mm quartz;	weak foliation and only slight deformation of amygdules;	50, About 1% mm calc veinlets with 45, minor bleaching of wallrock;		Py with isolated Po as dissn, fr-controlled, a fragment boundaries and in vesicules and in calc veinlets; tr overall with conc of up to 0.5% at 20cm; 319.7: 5mm calc vein with 5% Py diss and tr Cp
322.00	337.00	2f,b	<u>FELDSPAR-PHYRIC, MAFIC VOLCANIC BX</u> : Matrix fg mafic with ragged bleached fragments slightly coarser grained more fsp-phyric, as well as fragments similar to matrix; Fragments size 2 to 15 cm; In many places fragment outline indistinct; Matrix apparently lava and therefore unit is a flow bx: In some places could also be interpreted as metres size blocks of dark green material making up > 80% of unit separated by narrow bands of light grey matrix;	Moderate foliation developed with deformation of fragments and matrix-fragment boundaries;	40, Chl as minor wisps and veinlets 50, with sulphides; Minor epidote 40, veinlets here and there; 1% lt grey 45, mm calc veins	chl	Py with much less Po as diss, 1 to 7mm veins with chl, Po as isolated blebs; isolated tr Cp at 322.6, 323, with 7mm Py veins at 324.7: Conc'n: 323.6 - 325.5 1% Py+Po incl 5% 10 cm at 324.7; 331.8 - 333.5: 2% Py+Po incl. 4% / 15cm at 333.1; Elsewhere tr to 0.5 %;
337.00	344.40	2f,a	<u>MASSIVE FELDSPAR-PHYRIC MAFIC VOLCANIC</u> : Dark green, fg to mfg, variably fsp-phyric with up to 6% 1 to 2mm white fsp; H=5.5 to 6 at top and downward where apparently more chl'ic and crumpley to H=4; Possible fragments in upper part; calc and black qtz amygdules here and there;	massive to strongly schistosity at small angle to core;	10, 1 to 2 % lt grey calc 00, veinlets/partings in schist; 344.3: 35, 1cm qtz-calc with a little Py & Po; Possibly a little diffuse or pervasive chl?		Py and subordinate Po - tr to 0.5% in places: 338.8: 8mm dense diss'n 10% Py with a Po and tr Cp in adjacent calc veinlet; Py, Po as diss, mm veinlets, in places with dark chl. See veins;
344.40	354.65	5f	<u>MIG MAFIC INTRUSIVE</u> : As above; Dark green, grain size to about 1mm; fairly abundant leucoxene in places; <u>Remarks</u> : fg mafic dykes cutting this unit 0-.3m at 347.8; 0.3m at 348;	Upper ct broken; Lower ct: abrupt at 15 to 20' where cut by younger intrusive;	1% lt grey calc veinlets;		tr Po here and there as isolated small blebs: tr Py as diss and films on fractures; Less sulphides than nearby mafic flows;
354.65	363.65	5p	<u>F.G. FELDSPAR-PHYRIC MAFIC DYKE</u> : Med, dull grey green, med-fine grained diabasic matrix with 2 to 3% lath-like to acicular 1 to 3mm feldspar phenocrysts; H-4.5;	Upper contact, long, gradual chill, and at 15 to 20': Lower contact marked by calc veinlets at 30'; strong fracturing with calc-qtz veinlets at 30 to 45; 355.2: 2 to 3 cm mg. mafic dyke xenoliths;	18, 4% mm lt grey calcite veins; 30, Sparse, blebby to banded grey qtz-calc-chl +/- epidote tr Py veins from 1 to 4 cm.		Isolated tr Py, much less than nearby mafic flows;

363.65	374.80	Sh 5f	<u>SHEAR ZONE MG. MAFIC INTRUSIVE</u> : Texturally as above 344 to 354.56. but strongly deformed; H-4; a little leucoxene;	Strong, chloritic schistosity with numerous calcite partings at small core angles; Only minor broken core, no gouge; Lower contact not defined, arbitrary;	20, 5% calcite + chl partings; 368.3-37, 371.4. 5% grey qtz-calcite partings veins up to 4 cm. 1 to 2% 05, dark chl wisps in and in wallrock of calc and calc-qtz partings;	calc-qtz, chl,	Isolated tr Py with calc and calc-qtz veinlets. Much lower sulphide content than nearby mafic flows;
374.80	380.00	5f	<u>FG. MAFIC INTRUSIVE OR MASSIVE FLOW</u> : Med grey-green, fine even textured or with sparse altered fsp up to 1mm; could be altered intrusive similar to 354.65 to 363.65;	Contacts gradational, arbitrary, obscured by deformation: Strong schistosity at top & less deformed downward;	40, 1 to 2% lt grey calc.; Isolated 30, epidote veins to 1 cm.		tr Po here and there as mm grains.
380.00	387.70	5f	<u>MIG MAFIC INTRUSIVE</u> : As above, but medium grey-green: 1 to 2% leucoxene in places;	Schistosity, strong at top at 25', elsewhere moderately deformed;	25, Weakly bleached; 380 to 380.3: 25% grey qtz-calc veins up to 2cm along schistosity;	bl	isolated tr fine Py;
387.70	389.60	5p	<u>FG. FELDSPAR-PHYIC MAFIC DYKE</u> : As above 354.65-363.65	Lower contact sharp and chilled against following unit at 30'			isolated tr Py
389.60	415.90	5f	<u>FG TO MG. MAFIC INTRUSIVE (OR MASSIVE FLOW)</u> : Dk grey-green, fine, even grained, diabasic in mg sections; <u>Remarks</u> : fg. mafic weakly fsp-phyric dykes as follows: 0cm at 394.7; from 398.3 to 399m;	Lower contact gradational and arbitrary; Massive appearance with moderate foliation & weak schistosity throughout at 40 to 45 due to alignment of metamorphic chl and feldspar;	40, Minor grey quartz-calcite-chl veins up to 8cm at 391.4, 404.4 to 404.6 & at 405.9m; Light grey mm calcite veins, 1%: Isolated epidote veinlets;		tr to minor Py and Po as diss'n. tiny streaks along foliation or rarely with qtz-calc veinlets; tr sulphides overall with a few concentrations of up to 1% 10cm
415.90	421.90	sh 5f 2a	<u>SHEARED FG MAFIC INTRUSIVE OF VOLCANIC</u> : Med grey-green, fine even grained; H-4; a little fine leucoxene; No primary volcanic structures;	Strong schistosity marked by calcite partings;	10, 4% lt grey calc partings and mm 10, veins: Sparse qtz-calc tr Py veins at 05, 10'	calc	tr Py diss, on fractures and with qtz-calc veinlets;
421.90	425.10	QV/sh2	<u>QUARTZ VEIN STOCKWORK/SHEAR FG MAFIC</u> : 40% altered fg mafic as above unit and 60% vein;	Strong schistosity in wall rock: Veins at various angles, 10; 40; 130: Some veins contorted or blebby;	Vein material mostly white mottled quartz with patches of chl on margins, calcite and unidentified hard, white finely fractured mineral, possibly feldspar; (checked for scheelite with UV light but no fluorescence); streaks pale grey to buff sericite alteration in vein selvages; Unidentified mineral weathers pale brown & reacts with conc. HCl and probably incl's some dolomite;	qtz, ser; carb	Scattered blebs Po up to 1 cm. Isolated tr Py here and there; tr Cp with Po at 424.2m;

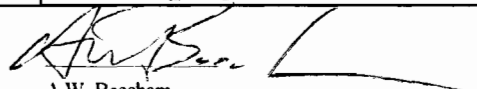
425.10	430.10	2A/5f	<u>MASSIVE MAFIC INTRUSIVE OR VOLCANIC</u> : Dk grey green, fine, to med-fine grained; weakly fsp-phyrlic?, a little leucoxene; No primary flow features; Remarks: End of wide shear and dyke zone;	weak schistosity/ foliation at 10 to 15'; Lower contact not well defined, only subtle texture change;	15,	Moderate pervasive calcite and 3% calcite veinlets; Minor calcite-qtz veins; minor streaks dark chlorite;	calc	none noted;
430.10	434.50	2a	<u>MASSIVE MAFIC VOLCANIC OR INTRUSIVE</u> : Dark grey green, fine, even grained; Possible very indistinct flow features (chloritic streaks);	430.1 to 431.3: strongly sheared at 10'; Lower contact indefinite; .		2% calc veinlets		tr diss Py;
434.50	477.35	2d	<u>PILLOWED, MAFIC FLOWS</u> : Mottled dk grey-green, fine to med-fg, even and some remnant ophitic texture; H=5; Wide-spaced pillow selvages marked by weak chl and light grey bleaching; Sections of a few % 1 to 4mm elongate calcite amygdules; Speckling here and there due to small amygdules; Indistinct bx here and there e.g. at 442.8m. <u>Remarks</u> : 443.7 to 446.2: med-fine grained and dyke-like;	Moderate foliation, pillow and amygdule elongation; weak schistosity;	30,	451 to 476.1: 2 to 8% affected by strong bleaching/fsp?-quartz alteration of pillow selvages; Sil-fsp also forms grid-like fracture- controlled alteration; black acicular amphibole & indistinct pale spotting due to recrystallization; Some sections re-crystallized to med-fg amphibolite; Minor 2mm chl spotting here and there; 2% calcite veinlets;	fsp sil	tr Py+ Po here and there as discontinuous diss; minor conc in pillow selvages; Isolated mm veinlets Po; tr Cp with small Po blebs and veinlets at 449.9m and at 476.4.; Minor Py and Po with calcite veinlets; Concentrations to only 2% over 5cm;
477.35	481.60	2a	<u>MASSIVE MAFIC FLOW (or Intrusive)</u> : med, dull grey-green; finer grained and less altered than enclosing mafic flows; Almost no flow structures, possible flow bands and sub-mm amygdules? Massive part of flow or dyke; H=5;	Upper contact uncertain; contact at top at 45' could be intrusive? Lower contact chilled against following unit at 55	50,	Only weakly altered; 2% lt grey calcite veinlets; Minor lt grey bleaching;		Py and Po as mm streaks (amygdules?), mm veinlets with chl, in calc veinlets & as diss'n; Conc up to 5% over 5 cm with 0.5 overall; Isolated tr Cp with Po;
481.60	485.30	2a	<u>MASSIVE, MAFIC FLOW</u> : As above; fine, even grained; Some streaky, indistinct flow structures;	banding in upper part at 55 to 60 and strong foliation/schistosity in lower part at 155'	55,	484.6 to 485.0: 25% calcite veins at 155' up to 4cm.; Elsewhere 1% calc. Weak bleaching;		Diss Py and mm blebs and veinlets Po; tr Cp with Po; 482.7 to 484.5:: 0.5 % Py and Po and tr Cp;
485.30	489.20	2d/2b	<u>ALTERED PILLOW(?) BRECCIA</u> : Fine to med fine, even grained; Light grey elongate 3 by 10 up to 15 by 30+, light grey 'buns' in dark grey matrix/selvages; Pillow/flow bx which grades downward, 488 to 489.2, into pillowed flow with 30 to 40 cm - spaced selvages and then to massive amygdular flow; similar to unit 504.2 to 514.5; Fine, 0.5mm qtz amygdules in some of bleached sections; Probably flow-top bx with following unit part of same flow;	Elongation of 'bun' pillows & weak foliation at 30'	30,	Strong, light grey bleaching of 'buns' and ribbons and weak, diffuse chl alteration (could just be metamorphic chl) of matrix/selvages; Bleaching probably fsp +/- sil; 487.6: isolated, 5mm, pale blue cordierite porphyroblast(?); Probably fine biotite in mafic bands;	fsp/sil. chl.	Matrix/selvages with diss, interstitial concentrations, minor blebs and mm veinlets mainly Po with lesser Py and tr Cp here and there with Cp; Conc up to 6% sulphides over 10 cm at 487.6 with 1% sulphides overall;

489.20	492.85	2g 2a	<u>AMYGULAR TO MASSIVE MAFIC FLOW</u> : Dk grey green, even, fine grained, H=4.5 to 5: 4 to 5 %, 1 to 3 mm qtz-carb amygdules;	Some streak banding (incl pillow selvages) at 25 to 35'	25, 35,	Only weakly altered: minor calc veinlets; amygdules are qtz-carb incl a little calc;		0.5% sulphides: Po as small blebs, streaks (deformed amyg) and with calc veinlets: Py as diss;
492.85	494.80	bl 5f	<u>BLEACHED, FG MAFIC DYKE</u> : Med to light grey, med fg with remnant ophitic texture; Sparse, isolated 2 to 3 anhedral fsp phenoX; H=4.5;	Upper contact sharp and chilled(?) at 80: Lower contact chilled at 60;		Uniformly bleached.	bl	tr diss Py
494.80	504.15	2a	<u>MASSIVE MAFIC FLOW</u> : Dark grey-green, fine, even grained; Massive or with thin, streaky (flow?) bands here and there; Sparse amygdules; <u>Remarks</u> : 503.3to 504.15: irregular steaky flow? Banding +/-bx; Flow contact at 504.15 or at 503.3;	Foliation, streaky banding, amygdule elongation;	25, 35, 35,	Only weakly altered: 495.5: 6cm banded qtz-calc-epidote vein; Minor light grey, bleached patches and streaks, some possibly with secondary white feldspar;		Po as small blebs, isolated mm veinlets streaks (deformed amygdules), lesser Py as diss; tr Cp with Po 496, 502.6 & 503.1;
504.15	514.50	alt2d	<u>ALTERED PILLOWED MAFIC FLOW</u> : dark grey green, fine, even grained; looks very mafic, but hardness suggests a lot of fsp. H=5.5; Looks re-crystallized; Small, well-formed pillows: 504.2 -510.7: -10 to 30 cm spaced selvages or deformed pillow bx; a little hyaloclastite; sparse, small qtz-calc, amygdules: moderately magnetic here and there due to Po;	Pillow selvage/pillow bx alignment, elongation of amygdules at 25 to 40°; Upper contact abrupt with indistinct bx above - not certain if this is flow contact; Lower contact arbitrary where pillows die out and following unit probably part of same flow;	35 45 30 30	5% strong silica-feldspar as lt grey/white wisps and pillow selvages strong, and minor grid sil'n; 3% fine quartz-calcite veinlets; minor fine chl (?) in selvages; very minor qtz-calc veinlets;	sil-fsp	Po (+ - Py) and isolated tr Cp, as disseminations with weak chl, as small diffuse blebs and mm veinlets; Concentrated in pillow selvages; tr Po overall with concentrations of up to 8% over 5 cm.
514.50	536.60	2a, 2d	<u>MASSIVE TO PILLOWED MAFIC FLOWS</u> : As above, dk grey or blue green, fine even-grained; H=5 to 4.5: Very wide-spaced pillow selvages up to several metres; <u>Remarks</u> : 520.5 to 521.7med-fg mafic dyke or massive flow core?? Sections with polished core;	Weakly deformed with foliation stretching of sulphide grains, alignment of pillow selvages and short weakly schistose section; Lower contact arbitrary;	35, 30, 60,	1 to 2 % lt grey calcite veinlets; Minor epidote here & there; 534.5: grey qtz-calc. veins up to 1 cm. Alteration of pillow selvages (about 1% of unit) with hard lt grey bleaching-sil or feldspar with 2 mm spots of dark mineral aggregate, possibly actinolite;	sil,	Minor Po and Py as diss, stretched 3mm grains, veinlets (Po) to 2mm with isolated tr Cp with Po; Overall tr Po * Py with scattered concentrations up to 1 to 2% over 15 cm 521.6 to 522.1: 2% Po, Py with tr Cp in mm Po veinlets;
536.60	540.40	sh2	<u>SHEARED MAFIC VOLCANIC</u> : As above;	Strong chloritic schistosity	15, 20,	Strong pervasive calcite: 8% calcite partings; 4 % qtz-calc conformable veins up 8 cm. Minor smokey qtz-chl conformable veins;	calc	tr Po + -Py as diss, small elongate grains, and with calcite veinlets;

540.40	566.90	alt 2d	<p><u>ALTERED PILLOW MAFIC FLOWS</u>: Dark grey green, fine, even textured; uniform or finely speckled; slightly vitreous lustre; H=4.5 to 5; weakly magnetitic over short sections due to Po; Closely to widely-spaced pillows marked by bleached zones, and chlorite; Some spotting possibly amygdules, but obscured by hornfelsing; Sparse, indistinct bx sections</p> <p><u>Remarks</u>: Contact metamorphic assemblage; weak to moderate alteration zone: See 'Alteration';</p>	<p>Moderate foliation and some schistose sections; Pillow selvages strongly deformed and some bx fragments stretched; 563 to 566: fractures at 10 to 00°;</p>	<p>20, Minor dk grey qtz+/-calc+/-Po, tr 40, Cp veinlets: Fairly abundant 35, chlorite development in pillow 40, selvages with calcite in veins, 50, surrounding calcite spots and 50, mainly as small spots also in selvages; 540.4 to 550: moderate pervasive calcite, & as small spots (in veins with chl); 543: fine leucoxene spotting; 548.3, 552.4, 554: 2, 558 to 558.6: Narrow bands with, 3mm pale red garnets(?); 554.2 to 554.6: pale blue cordierite(?) porphyroblasts up to 6mm; 3 to 4% lt grey, 1 to 3 cm bands and patches (pillow selvages and altered fractures) of strong bleaching due to fine acicular fsp? & interstitial qtz with mm spots of hard black mineral, actinolite(?);</p>	chl, fsp-qtz	<p>tr to minor Po and Py, in places only Py; Concentrations of 0.5% 10cm here and 544: 2% Po/Py over 30cm; 545.2: 2% Po Py over 30cm; A few isolated traces Cp mainly with Po veinlets; Po and Py as mm veinlets, small blebs, diss. with chl spots and in minor qtz veins and calcite veins;</p>
566.90	568.70	alt 2a	<p><u>ALTERED MASSIVE MINERALIZED MAFIC VOLCANIC</u>: Med grey-green, fine, even grained; H=5; Numerous small Py-carb streaks or amygdules; moderately to strongly magnetic due to Po;</p>	<p>Upper contact grades upward into definite flow rock: Lower contact sharp at 115°; Foliation and sulphide grain (amygdules) alignment at 35°; 568.35 to 568.55: strong schistosity with calcite veins at 135°</p>	<p>35, Strong pervasive qtz-carb?; moderate, pervasive sericite; 568.35-568.53: 50% calc-qtz veins along schistosity, with streaks chl and graphitic slips; (Could be deformed, thin interflow graphitic sediment.)</p>	qtz-carb, ser;	<p>3 to 4% sulphides, mainly Po with lesser Py as strong diss. fine wisps along foliation, sparse mm veinlets; tr Cp here and there and isolated tr Sph at top; Lower part of unit and graphitic slips at 568.4 are conductive;</p>
568.70	569.07	alt3f/4e	<p><u>ALTERED FELSIC TUFF/SEDIMENT/ SULPHIDES</u>: Altered felsic rock, pale green; Qtz, ser, carb + sulphides; A little very thin exhalite-like bedding?</p>	<p>Lower contact abrupt at 40; Streaky banding at 130;</p>	<p>130, Pervasive pale green sericite and small wisps of ser; Pervasive carbonate, incl calc;</p>	ser, sil, carb, calc	<p>20% Po as network of small veinlets, small blebs, diss; 2 to 4% Py diss and scattered grains; tr to minor Cp with Po; tr to minor honey-coloured Sph with silicates; Uncertain amount of Cp; Good conductor;</p>

569.07	570.92	alt2a+3f	<u>ALTERED, MASSIVE MAFIC, VOLCANIC (OR INTRUSIVE):</u> As above 566.9 to 569.7; <u>Remarks:</u> 569.96 to 570.16: Fine felsic lapilli tuff with thin sulphide exhalite at bottom and with abundant sulphides throughout;	Contact with above, below and included tuff sharp and could be chilled at 40, 60, 40 & 55; Contact with tuff at 570.15 intricately folded;	Mafic rock only weakly altered, weak pervasive calc & 2% calcite veinlets; 20 cm lapilli tuff strongly deformed and altered with strong sericite & perv calc	calc, ser	Mafic volcanic: 2 to 3% very finely diss Py with veins of shiny Po (?) & fine Po diss in places; tr Sph in upper part and isolated tr Cp; Tuff bed has abundant fine network veins Po, scattered & diss Py and tr Cp; 20 cm tuff is moderate conductor;
570.92	571.99	bx3b/4c	<u>FELSIC FRAGMENTAL THIN BEDDED 'CHERTY' TUFF WITH SULPHIDE ZONES:</u> Med light grey massive to thin bedded sediment (ash tuff) with angular brecciation, with fragments from mm to 10 cm. Matrix is dark green and both argillite and finely broken material; Some of sediment in tact. <u>Remarks:</u> 570.92 to 571.1: contorted sulphide zone with both vein and exhalative sulphides; 571.82 to 571.99: Angular bx with 25% argillite matrix;	Contorted at upper contact; 571.3: in tact sediment bedding at 35'; Cleavage in argillite 60' at bottom;	35, 60. Possible pre-bx'n silicification; A little weak pervasive ser;	sil, ser	Heavy conc's. Po as network veinlets and fine diss with minor Cp in Po blebs and veinlets; Py as diss; 570.92 to 571.1: 20% Po with 0.5% Cp and 2 to 4% Py(?); 571.1 to 571.46: 1% Po, 2% Py, tr Cp; 571.46 to 571.6: 15% Po, 2% Py(?), 0.5% Cp; 571.6 to 571.82: 0.5% Py; 571.82 to 571.99: 4% Po, 2% Py, 0.5% Cp; Sulphide zones at top and bottom are conductive;
571.99	582.10	alt3f	<u>ALTERED, FELSIC FRAGMENTAL VOLCANIC:</u> Pale green, light grey, mottled; Fragments and matrix very fine, even grained; H=6; Slight textural variation between fragments. Angular, elongate fragments from <1cm to >15cm; In places fragments closely packed or with a little dark grey very weakly chloritic matrix; A few massive, unbrecciated sections to 0.5 or even 1m; Some sections with sandy matrix and thin bedding (e.g. at 581.5); Also isolated flow banded fragments (573.7); Unit may be combination of autobrecciated flow and pyroclastic?? 581.2: isolated 2mm pale red garnets?	Prominent elongation of most clast-probably partly primary and partly due to deformation: 581.5: thin bedding at 10'; Upper contact placed at limit from above of definite sediment, either argillite or lapilli tuff; Lower contact; no change in lithology-based on decrease in ser alteration;	50, 50, 35. Strong pervasive or matrix selective pale green sericite; Even with strong ser, unit is uniformly very hard and probably pervasively silicified; 575.3: 6 cm grey qv at 90'; 579 to 579.5: 3 x 1 cm grey qv with small ribbons on Py within ser'd wallrock; qv's at 10'; 573.15: 5mm qtz-calc with tr Galena, tr Sph; 574.4: tr dark Sph in 6mm qtz-calc veins;	ser, sil,	Thin streaks, veinlets, diss tarnished Py (or non-magnetic Po); tr Cp here at 572.2; 572 to 275.2: 1% Py; Elsewhere tr to 0.5% Py; Mineralization changes from dominantly Po above and around mafic-felsic contact to dominantly Py in felsic rocks below contact; See 'Alteration and Veins: tr Sph, Gn
582.10	587.70	3f	<u>FELSIC FRAGMENTAL VOLCANIC:</u> Similar to previous unit; mottled, med to lt grey; Mostly chert-like fragments from a few cm to >30cm with 5% to 10% sandy matrix;	Fragments strongly deformed and elongated up to a factor of 10:1; Weak schistosity in matrix; Isolated fragments with flow bands;	30, 45, 55. Weak pale green ser in matrix; Uniformly very hard and most is chert-like--probably pre-fragmentation sil; Sparse white streaks fine qtz-fsp.?	ser, sil, sil-fsp,	Py as small streaks, clusters and diss; <0.5% overall;
587.70	591.70	fi3f	<u>FRACTURED FELSIC FRAGMENTAL VOLCANIC:</u> As above: 588.8: a few flecks biotite with mm calcite veinlet;	Finely fractured with spacing 1cm to <5mm; Sections of broken core and a little gouge; Very little lost core;	5% mm calcite veinlets;	calc	Py streaks along foliation and diss and in calcite veinlets; Conc up to 1% over 15cm with 0.5% overall;

591.70	617.90	3f	FELSIC FRAGMENTAL VOLCANIC: As above. 582.1 to 587.7, except better layered and somewhat smaller fragments, darker coloured and probably less altered;; Sections in lower part with angular fragments and up to 10% dark green (mudstone) matrix; At least 2 clast types, mostly grey chert-like and fsp'ic sandstone; Generally higher amount of mudstone in matrix than above units;	Fragments/clasts strongly elongated, both due to primary geometry and strong deformation giving unit a layered appearance; Isolated flow-banding in some fragments e.g. 594.5, 596m; 597.8 to 599: four fold axes;	50, Pale red garnets(?), 1 to 3 mm here 40, and there, some as clusters with Py; 55, Biotite as isolated 2 to 4 mm grains 40, and fine biotite in thin layers with 60, Py +/- garnets; 605.7: mm veinlets pale brown mica (biot or muscovite) and Py; 609.2: 6 cm grey qtz-calc vn at 35°; Light grey to white 2 to 3 cm sil'd bands with diffuse boundaries, in places including garnets +/-biotite+ Py; Appears only weakly altered, but widespread garnets and biotite suggest increase in relative amount of Al ₂ O ₃ and K ₂ O	sil	Py as streaks, clusters, diss'n; Concentrations in specific layers, some with garnets + - biotite; Py concentrations tr to 0.5% except as follows: 600.2 to 603.5: 1% Py; 603.5 to 606.4: 0.5% Py; 600.2: isolated bleb Po; 610.4: minor arsenopyrite (Asp) (hard lt grey-white, euhedral metallic with striated crystals) as scattered grains in hairline calcite vein;
	617.90		END OF HOLE				


 A.W. Beecham
 04-Apr-07

Sample Sheet: W-07-15

Sample Number	From m	To m	Sample Length	Po	Est Min %			Au g/tonne	Au check	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cu x 100 (Cu+Zn)	Remarks
					Py	Cp	Sph								
24926	62.40	63.40	1.00		tr			nil		1.56	46	49	353	12	
24927	63.40	64.40	1.00		0.5		tr	nil	nil	2.8	42	55	1680	2	
24928	64.40	65.40	1.00	tr	tr			nil		2	51	79	193	21	See also WRA
24929	82.00	83.50	1.50	1	1			nil		0.9	70	20	321	18	See also WRA
24930	89.00	90.00	1.00	n/r	n/r	n/r	n/r	nil		1.1	41	43	285	13	
24935	169.70	170.60	0.90	0.5	0.5	tr		nil		1.6	48	25	231	17	
24936	170.60	171.40	0.80	0.5	0.5	tr		0.01	nil	1.5	73	30	195	27	
24939	215.20	216.20	1.00	0.5	0.5			nil		0.3	51	17	98	34	
24940	216.20	217.40	1.20	0.5	0.5			nil		0.7	62	18	97	39	
24944	311.60	312.30	0.70	nil	nil			nil		1.4	15	27	179	8	test for Au, Ag
24945	322.00	323.30	1.30	tr	tr	tr		nil		0.4	44	18	110	29	
24946	323.30	324.50	1.20	tr	tr			nil		0.8	31	20	135	19	
24947	324.50	325.50	1.00	tr	1	tr		nil	nil	0.7	87	18	110	44	See also WRA
24948	332.80	333.50	0.70	0.5	2	tr		nil		0.4	94	17	78	55	
3502	421.90	423.00	1.10	0.2				nil		1.1	29	21	122	19	
3503	423.00	424.00	1.00	tr	tr			0.01		1.2	10	22	185	5	
3504	424.00	425.10	1.10	0.2	tr	tr		nil		0.7	37	18	81	31	
3507	482.90	484.40	1.50	0.3	0.3	tr		nil	0.01	0.3	53	17	98	35	
3508	486.00	487.00	1.00	0.7	0.3	tr		0.007	-		97	1	153	39	See also WRA
3509	487.00	488.10	1.10	1	0.5	tr		0.021	0.024		95	1	155	38	
3510	507.50	509.00	1.50	n/r	n/r	n/r	n/r	nil							
3511	510.00	511.00	1.00	1	tr	tr		nil		0.6	78	19	127	38	
3513	545.00	546.50	1.50	n/r	n/r	n/r	n/r	Nil	-		40	1	211	16	
3514	562.00	563.00	1.00	n/r	n/r	n/r	n/r	0.123	-		42	1	119	26	
3515	566.90	568.00	1.10	3	1	tr	tr	0.01	0.007		112	2	233	32	See also WRA
3516	568.00	568.70	0.70	4	2			Nil	-		181	2	148	55	
3517	568.70	569.07	0.37	20	3	0.5?	0.5?	0.093	-		292	1	29	91	
3518	569.07	569.96	0.89	1	3	tr	tr	0.021	0.027		59	1	231	20	
3519	569.96	570.23	0.27	12	2	tr		0.002	-		108	1	140	44	
3520	570.23	570.90	0.67	5	2	tr		0.031	-		101	1	213	32	
3521	570.90	571.99	1.09	9	2	tr		Nil	-		93	12	141	40	
3522	571.99	573.00	1.01	-	2	tr		0.038	0.045		53	52	342	13	
3523	573.00	574.50	1.50	0.5	1	-	tr	0.007	-		18	11	149	11	See also WRA

Western Kidd Resources Inc.
 Loveland Township, ON

Drill Log
Lithochemistry

DH # W-07-15

Sample Number	From m	To m	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	BaO %	Cr2O3 %	Be ppm	Co ppm	Cu ppm	Nb ppm	Ni ppm	Rb ppm	Sc ppm	Sr ppm	V ppm	Y ppm	Zn ppm	Zr ppm	LOI %	Total %	C %	S %	Zr/Y
24924	33.0	34.0	65.57	12.89	7.63	4.83	0.67	1.15	2.95	0.46	0.08	0.19	0.06	0.04	<5	7	33	15	126	<100	11	151	14	110	183	774	2.25	98.91	0.3	0.03	7.04
24925	46.0	47.0	48.48	15.94	11.81	8.30	5.94	2.94	1.20	1.21	0.16	0.20	0.02	0.02	<5	48	97	<10	122	<100	33	181	265	24	95	103	2.93	99.26	0.18	0.04	4.29
24928	64.4	65.4	32.88	16.59	10.26	13.45	4.15	0.21	4.72	1.19	0.09	0.20	0.09	0.03	<5	62	15	15	200	<100	32	110	286	22	138	108	15.81	99.79	3.83	0.25	4.91
24929	82.0	83.5	48.97	15.83	13.20	7.37	1.59	5.14	0.48	2.96	0.51	0.23	0.02	0.02	<5	65	42	<10	30	<100	38	206	87	70	266	241	2.25	98.66	0.32	1.62	3.44
24931	110.0	111.5	46.61	14.18	15.79	9.59	2.37	3.47	0.41	2.56	0.50	0.37	0.01	0.02	<5	62	<5	<10	27	117	37	229	57	58	151	221	2.85	98.81	0.49	0.13	3.81
24932	121.0	122.0	59.43	6.98	8.84	9.42	2.22	1.83	0.19	1.17	0.17	0.21	<0.01	0.04	<5	42	<5	<10	45	<100	17	112	80	20	66	77	7.96	98.51	1.85	0.07	3.85
24933	143.0	144.5	41.33	12.98	18.55	8.78	2.86	2.36	1.28	2.48	0.44	0.39	0.06	0.01	<5	81	15	<10	45	<100	33	131	66	52	157	204	7.28	98.90	1.56	0.33	3.92
24934	164.0	165.5	39.18	14.48	18.18	8.15	3.05	3.62	1.49	2.86	0.56	0.31	0.06	0.01	<5	79	18	<10	27	145	37	126	75	63	135	236	7.07	99.13	1.66	0.48	3.75
24937	203.3	204.3	47.00	14.26	17.19	7.37	2.51	4.62	0.73	2.79	0.49	0.30	0.01	0.01	<5	63	<5	<10	27	<100	36	180	72	59	149	226	1.70	99.06	0.29	0.12	3.83
24938	210.5	211.5	46.38	15.11	13.29	11.03	6.98	2.32	0.28	1.17	0.16	0.21	0.01	0.05	<5	58	68	<10	140	<100	41	174	255	21	89	82	2.43	99.52	0.13	0.07	3.90
24941	239.0	240.5	45.91	14.24	17.24	9.35	2.05	3.18	0.67	2.72	0.49	0.39	0.03	0.02	<5	64	<5	<10	24	<100	35	187	69	58	150	222	2.36	98.73	0.5	0.16	3.83
24942	271.5	272.5	47.76	14.85	15.02	9.38	4.44	2.86	0.67	1.80	0.31	0.27	0.03	0.03	<5	57	18	<10	92	<100	31	218	135	39	129	158	1.74	99.23	0.2	0.17	4.05
24943	296.5	297.5	45.65	13.84	18.74	8.94	2.93	2.75	0.35	2.58	0.48	0.32	0.01	0.01	<5	59	<5	<10	44	<100	34	197	61	57	141	224	2.28	98.95	0.27	0.13	3.93
24947	324.5	325.5	44.45	13.94	17.24	11.53	2.57	2.87	0.45	2.68	0.47	0.34	0.01	0.02	<5	62	37	<10	158	<100	35	268	60	59	162	219	2.17	98.85	0.5	0.51	3.71
24949	361.0	362.0	48.85	14.05	12.98	10.39	6.69	2.76	0.11	1.03	0.12	0.21	<0.01	0.03	<5	59	57	11	97	<100	44	184	291	23	103	78	2.44	99.75	0.22	0.08	3.39
24950	369.5	371.0	38.92	14.08	15.52	10.14	5.00	2.80	0.35	1.63	0.23	0.25	0.02	0.03	<5	63	<5	<10	75	<100	40	106	203	34	138	126	10.53	99.58	1.95	0.08	3.71
3501	405.0	406.0	44.12	13.04	17.59	7.79	2.61	3.11	0.31	2.55	0.43	0.29	0.01	0.01	<5	71	<5	<10	53	<100	29	143	75	45	158	184	7.39	99.32	1.46	0.16	4.09
3505	441.5	443.0	48.00	14.03	16.07	8.66	2.20	3.48	0.49	2.46	0.53	0.35	0.03	0.02	<5	59	<5	<10	47	<100	33	204	49	61	194	225	2.95	99.37	0.54	0.16	3.69
3506	474.0	475.5	46.49	14.32	18.72	9.00	2.38	2.71	0.56	2.53	0.54	0.42	0.03	0.03	<5	65	<5	<10	331	<100	34	196	52	61	199	237	1.25	99.07	0.15	0.15	3.89
3508	486.0	487.0	49.69	13.08	18.19	8.87	2.81	1.59	0.58	2.26	0.51	0.44	0.03	0.02	<5	59	60	<10	23	<100	30	163	46	56	104	219	1.64	99.79	0.2	0.39	3.91
3510	507.5	509.0	49.58	13.85	16.86	7.83	2.64	2.78	0.83	2.37	0.55	0.38	0.07	0.04	<5	92	<5	<10	186	<100	32	224	51	61	188	230	1.59	99.48	0.21	0.24	3.77
3512	524.0	525.0	48.48	13.60	17.88	8.56	2.63	2.87	0.71	2.08	0.56	0.33	0.03	0.03	<5	52	82	<10	59	<100	31	152	60	56	163	217	1.15	99.02	0.16	0.25	3.88
3513	545.0	546.5	48.48	12.50	15.29	6.85	1.78	3.53	0.69	1.89	0.57	0.30	0.03	0.01	<5	42	101	<10	66	<100	27	159	30	55	69	223	6.50	98.50	1.35	0.17	4.05
3514	562.0	563.0	50.66	12.91	17.65	7.69	2.34	2.23	0.43	1.97	0.59	0.34	0.02	0.01	<5	47	24	<10	14	<100	28	161	35	58	91	231	2.11	99.03	0.21	0.23	3.98
3515	566.9	568.0	50.80	12.84	15.51	6.70	2.25	3.25	0.62	1.96	0.59	0.33	0.02	0.01	<5	45	101	<10	22	<100	28	160	30	59	105	231	4.72	99.72	0.49	3.69	3.92
3523	573.0	574.5	75.03	12.89	1.84	1.30	0.25	4.17	1.66	0.12	0.02	0.03	0.06	0.03	<5	<5	17	15	8	202	<5	89	8	89	93	104	2.08	99.50			1.17
3524	584.9	586.4	72.31	14.70	1.81	1.38	0.22	5.28	2.00	0.11	0.02	0.04	0.07	0.04	<5	<5	<5	15	100	170	<5	127	5	102	98	110	0.96	99.01	0.12	0.39	1.08
3525	600.0	601.0	71.05	13.60	3.47	1.62	0.51	4.31	2.18	0.16	0.04	0.18	0.07	0.04	<5	<5	<5	11	53	<100	<5	87	11	96	128	118	1.85	99.13	0.38	0.57	1.23
3526	614.0	615.0	73.13	13.56	2.66	1.64	0.44	4.18	2.12	0.06	0.01	0.13	0.08	0.04	<5	<5	<5	14	80	<100	<5	96	5	90	114	93	1.17	99.27	0.21	0.2	1.03

GEOLOGICAL LEGEND

- 10 Late diabase dykes, Matachewan Type;

- 8 Altered and Metamorphosed Rocks**
 - 8 (a) Carbonate rock (c) Chlorite-carbonate rock

- 6 Granitoid Intrusives**
 - (a) Granite
 - (b) Granodiorite
 - (c) Quartz Monzonite

- 5 Mafic Intrusives**
 - (a) Gabbro (f) fine to medium grained mafic
 - (d) Diorite (p) med. grained feldspar-phyric

- 4 Sediments**
 - (a) Argillite (s) Siltstone +/- argillite
 - (c) Chert (e) Sulphide-rich exhalites
 - (g) Graphitic argillite/siltstone (l) Feldspathic quartzites

- 3 Intermediate to Felsic Volcanics & Subvolcanic Intrusives**
 - (a) Rhyolite flows
 - (b) Thin bedded felsic/intermediate tuff
 - (c) Quartz (+/- feldspar)phyric tuffs
 - (d) Quartz (+/- feldspar)phyric (sub-volcanic) intrusives
 - (e) Quartz (+/- feldspar)phyric flows
 - (f) Felsic tuff, tuff breccia (non phytic)
 - (g) Feldspar crystal tuff, tuff bx
 - (h) Feldspar porphyry intrusives
 - (k) fg. felsic/intermed. dyke

- 2 Mafic Volcanics**
 - (a) Massive (b) Breccia, flow bx
 - (c) Coarse grained (d) Pillowed flows
 - (e) Variolitic (spherulitic) flows (f) Feldspar phytic (andesite)
 - (l) Diabasic flow (g) Amygular flow

ABBREVIATIONS

- alt altered

- bdd banded
- bl bleached
- Cp chalcopyrite
- chl chlorite, chloritic
- ep epidote

- fg; cg fine & coarse grained
- gf graphite, graphitic
- Gn galena

- mt magnetite
- Po pyrrhotite
- Py pyrite
- qv quartz vein

- Sph sphalerite
- ser sericite
- sh sheared

Appendix II

Assay Certificates

Au, Ag, Cu, Pb, Zn Geochemistry on core samples
Swastika Laboratories, Swastika, Ontario
7W-1327-RG1
7W-1533-RA1



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

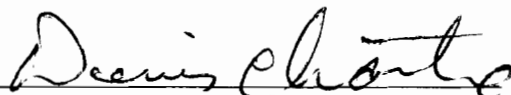
7W-1327-RG1

Company: **WESTERN KIDD REOURCES INC.**
Project: SWLD
Attn: D. Meunier

Date: APR-19-07

We hereby certify the following Geochemical Analysis of 13 Core samples submitted APR-09-07 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	WRA
3508	7	-	0.1	97	1	153	Results to follow
3509	21	24	0.1	95	1	155	
3513	Nil	-	0.1	40	1	211	
3514	123	-	0.1	42	1	119	
3515	10	7	0.2	112	2	233	
3516	Nil	-	0.4	181	2	148	
3517	93	-	1.4	292	1	29	
3518	21	27	0.2	59	1	231	
3519	2	-	0.2	108	1	140	
3520	31	-	0.4	101	1	213	
3521	Nil	-	0.4	93	12	141	
3522	38	45	0.3	53	52	342	
3523	7	-	0.1	18	11	149	

Certified by 



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

Assay Certificate

7W-1533-RA1

Company: **WESTERN KIDD RESOURCES INC.**


Date: **MAY-03-07**

Project:

Attn: **D. Meunier**

We hereby certify the following Assay of 49 Core samples submitted APR-23-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu PPM	Pb PPM	Zn PPM	WRA
24924	-	-	-	-	-	-	Results to follow
24925	-	-	-	-	-	-	
24926	Nil	-	1.5	46	49	353	
24927	Nil	Nil	2.8	42	55	1680	
24928	Nil	-	2.0	51	79	193	
24929	Nil	-	0.9	70	20	321	
24930	Nil	-	1.1	41	43	285	
24931	-	-	-	-	-	-	
24932	-	-	-	-	-	-	
24933	-	-	-	-	-	-	
24934	-	-	-	-	-	-	
24935	Nil	-	1.6	48	25	231	
24936	0.01	Nil	1.5	73	30	195	
24937	-	-	-	-	-	-	
24938	-	-	-	-	-	-	
24939	Nil	-	0.3	51	17	98	
24940	Nil	-	0.7	62	18	97	
24941	-	-	-	-	-	-	
24942	-	-	-	-	-	-	
24943	-	-	-	-	-	-	
24944	Nil	-	1.4	15	27	179	
24945	Nil	-	0.4	44	18	110	
24946	Nil	-	0.8	31	20	135	
24947	Nil	Nil	0.7	87	18	110	
24948	Nil	-	0.4	94	17	78	
24949	-	-	-	-	-	-	
24950	-	-	-	-	-	-	
3501	-	-	-	-	-	-	
3502	Nil	-	1.1	29	21	122	
3503	0.01	-	1.2	10	22	185	

Certified by 



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 2

Assay Certificate

7W-1533-RA1

Company: **WESTERN KIDD RESOURCES INC.**

Date: MAY-03-07

Project:

Attn: **D. Meunier**

We hereby certify the following Assay of 49 Core samples submitted APR-23-07 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu PPM	Pb PPM	Zn PPM	WRA
3504	Nil	-	0.7	37	18	81	
3505	-	-	-	-	-	-	
3506	-	-	-	-	-	-	
3507	Nil	0.01	0.3	53	17	98	
3510	Nil	-	-	-	-	-	
3511	Nil	-	0.6	78	19	127	
3512	-	-	-	-	-	-	
3524	-	-	-	-	-	-	
3525	-	-	-	-	-	-	
3526	-	-	-	-	-	-	
23335	Nil	-	0.3	49	15	46	
23336	Nil	-	0.2	47	15	38	
23337	Nil	-	0.3	39	16	59	
23338	Nil	-	0.4	120	17	57	
23339	Nil	-	0.4	112	15	63	
23340	Nil	-	0.4	95	15	44	
23341	Nil	-	0.3	62	15	43	
23342	Nil	-	0.4	92	16	50	
23343	Nil	-	0.3	28	18	71	
Blank	Nil	-	-	-	-	-	
STD OxJ47	2.25	-	-	-	-	-	

Certified by *Denis Chante*

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W1533RT

Date : May-16-07

WESTERN KIDD RESOURCES INC.

Attention: D. Meunier

Project:

Sample type: Core

ICP-MS Rare Earth Elements

Multi-Acid Digestion

Sample Number	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sc ppm	Sm ppm	Tb ppm	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm
3524	27.6	12.9	8.6	1.2	10.1	2.8	10.6	1.3	18.5	4.0	8.3	7.2	1.9	4.8	1.3	1.6	76.9	8.3
3525	37.2	5.3	3.2	1.3	7.1	1.0	15.6	0.6	22.6	5.1	8.0	7.1	1.0	4.2	0.5	1.2	24.9	3.5

Signed:  _____

Appendix III

Whole Rock Lithochemistry, Analyses Sheets;
Assayers Canada, Vancouver, B.C.

7W1327RJ
7W1327RL
7W1533RL

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W1327RL

Date : Apr-20-07

WESTERN KIDD REOURCES INC.

Attention: D. Meunier

Project: SWLD

Sample type:

ICP-AES Whole Rock Assay

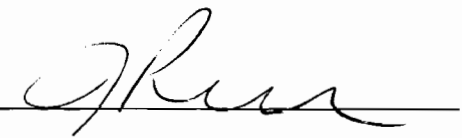
Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	P ₂ O ₅ %	MnO %	BaO %	Cr ₂ O ₃ %	LOI %	Total %	C %	S %
3508	49.69	13.08	18.19	8.87	2.81	1.59	0.58	2.26	0.51	0.44	0.03	0.02	1.64	99.70	0.20	0.39
3513	48.48	12.50	15.29	6.65	1.78	3.53	0.69	1.89	0.57	0.30	0.03	0.01	6.50	98.42	1.35	0.17
3514	50.66	12.91	17.65	7.69	2.34	2.23	0.43	1.97	0.59	0.34	0.02	0.01	2.11	98.96	0.21	0.23
3515	50.80	12.84	15.51	6.70	2.25	3.25	0.62	1.96	0.59	0.33	0.02	0.01	4.72	99.63	0.49	3.69
3523	75.03	12.89	1.84	1.30	0.25	4.17	1.66	0.12	0.02	0.03	0.06	0.03	2.08	99.48	0.31	0.67

These elements are not included in the total column: C, S

Sample is fused with Lithium metaborate and dissolved in dilute HCL/HNO₃.

Signed: _____



Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 7W1327RJ

Date : Apr-21-07

WESTERN KIDD REOURCES INC.

Attention: D. Meunier

Project: SWLD

Sample type:

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
3508	0.3	2.26	<5	196	0.5	<5	1.99	<1	30	97	72	6.10	2	0.31	13	0.87	1032	<2	0.09	11	2163	5	0.35	8	7	22	<5	0.35	30	11	17	<10	152	7
3513	<0.2	3.18	<5	208	0.6	<5	4.54	<1	23	29	30	8.72	1	0.50	16	0.99	1663	<2	0.03	<1	2516	5	0.17	10	23	78	<5	0.17	21	20	23	<10	195	8
3514	<0.2	2.42	<5	22	0.6	<5	2.11	<1	22	48	31	6.68	1	0.07	15	0.91	1172	<2	0.11	4	2657	4	0.22	6	8	24	<5	0.27	27	20	13	<10	124	7
3515	<0.2	2.02	<5	50	0.5	<5	2.35	<1	30	56	94	8.79	1	0.15	15	1.20	1735	<2	0.04	17	2703	17	3.47	12	9	20	<5	0.29	18	35	17	<10	218	9
3523	0.6	0.16	56	32	<0.5	<5	0.85	<1	4	121	12	1.26	1	0.08	<10	0.03	220	2	0.03	6	53	20	0.67	<5	<1	18	<5	<0.01	15	<10	1	<10	153	12

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

Assayers Canada

WESTERN KIDD RESOURCES INC.

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Report No : 7W1533RL

Attention: D. Meunier

Tel: (604) 327-3436 Fax: (604) 327-3423

Date : May-16-07

Project:

Sample type:

ICP-AES Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	CaO %	MgO %	Na ₂ O %	K ₂ O %	TiO ₂ %	P ₂ O ₅ %	MnO %	BaO %	Cr ₂ O ₃ %	Be ppm	Co ppm	Cu ppm	Nb ppm	Ni ppm	Rb ppm	Sc ppm	Sr ppm	V ppm	Y ppm	Zn ppm	Zr ppm	LOI %	Total %	C %	S %
24924	65.57	12.89	7.63	4.83	0.67	1.15	2.95	0.46	0.08	0.19	0.06	0.04	<5	7	33	15	126	<100	11	151	14	110	183	774	2.25	98.91	0.30	0.03
24925	48.48	15.94	11.81	8.30	5.94	2.94	1.20	1.21	0.16	0.20	0.02	0.02	<5	48	97	<10	122	<100	33	181	265	24	95	103	2.93	99.26	0.18	0.04
24928	32.88	16.59	10.26	13.45	4.15	0.21	4.72	1.19	0.09	0.20	0.09	0.03	<5	62	15	15	200	<100	32	110	286	22	138	108	15.81	99.79	3.83	0.25
24929	48.97	15.83	13.20	7.37	1.59	5.14	0.48	2.96	0.51	0.23	0.02	0.02	<5	65	42	<10	30	<100	38	206	87	70	266	241	2.25	98.66	0.32	1.62
24931	46.61	14.18	15.79	9.59	2.37	3.47	0.41	2.56	0.50	0.37	0.01	0.02	<5	62	<5	<10	27	117	37	229	57	58	151	221	2.85	98.81	0.49	0.13
24932	59.43	6.98	8.84	9.42	2.22	1.83	0.19	1.17	0.17	0.21	<0.01	0.04	<5	42	<5	<10	45	<100	17	112	80	20	66	77	7.96	98.51	1.85	0.07
24933	41.33	12.98	18.55	8.78	2.86	2.36	1.28	2.48	0.44	0.39	0.06	0.01	<5	81	15	<10	45	<100	33	131	66	52	157	204	7.28	98.90	1.56	0.33
24934	39.18	14.48	18.18	8.15	3.05	3.62	1.49	2.86	0.56	0.31	0.06	0.01	<5	79	18	<10	27	145	37	126	75	63	135	236	7.07	99.13	1.66	0.48
24937	47.00	14.26	17.19	7.37	2.51	4.62	0.73	2.79	0.49	0.30	0.01	0.01	<5	63	<5	<10	27	<100	36	180	72	59	149	226	1.70	99.06	0.29	0.12
24938	46.38	15.11	13.29	11.03	6.98	2.32	0.28	1.17	0.16	0.21	0.01	0.05	<5	58	68	<10	140	<100	41	174	255	21	89	82	2.43	99.52	0.13	0.07
24941	45.91	14.24	17.24	9.35	2.05	3.18	0.67	2.72	0.49	0.39	0.03	0.02	<5	64	<5	<10	24	<100	35	187	69	58	150	222	2.36	98.73	0.50	0.16
24942	47.76	14.85	15.02	9.38	4.44	2.86	0.67	1.80	0.31	0.27	0.03	0.03	<5	57	18	<10	92	<100	31	218	135	39	129	158	1.74	99.23	0.20	0.17
24943	45.65	13.84	18.74	8.94	2.93	2.75	0.35	2.58	0.48	0.32	0.01	0.01	<5	59	<5	<10	44	<100	34	197	61	57	141	224	2.28	98.95	0.27	0.13
24947	44.45	13.94	17.24	11.53	2.57	2.87	0.45	2.68	0.47	0.34	0.01	0.02	<5	62	37	<10	158	<100	35	268	60	59	162	219	2.17	98.85	0.50	0.51
24949	48.85	14.05	12.98	10.39	6.69	2.76	0.11	1.03	0.12	0.21	<0.01	0.03	<5	59	57	11	97	<100	44	184	291	23	103	78	2.44	99.75	0.22	0.08
24950	38.92	14.08	15.52	10.14	5.00	2.80	0.35	1.63	0.23	0.25	0.02	0.03	<5	63	<5	<10	75	<100	40	106	203	34	138	126	10.53	99.58	1.95	0.08
3501	44.12	13.04	17.59	7.79	2.61	3.11	0.31	2.55	0.43	0.29	0.01	0.01	<5	71	<5	<10	53	<100	29	143	75	45	158	184	7.39	99.32	1.46	0.16
3505	48.00	14.03	16.07	8.66	2.20	3.48	0.49	2.46	0.53	0.35	0.03	0.02	<5	59	<5	<10	47	<100	33	204	49	61	194	225	2.95	99.37	0.54	0.16
3506	46.49	14.32	18.72	9.00	2.38	2.71	0.56	2.53	0.54	0.42	0.03	0.03	<5	65	<5	<10	331	<100	34	196	52	61	199	237	1.25	99.07	0.15	0.15
3510	49.58	13.85	16.86	7.83	2.64	2.78	0.83	2.37	0.55	0.38	0.07	0.04	<5	92	<5	<10	186	<100	32	224	51	61	188	230	1.59	99.48	0.21	0.24
3512	48.48	13.60	17.88	8.56	2.63	2.87	0.71	2.08	0.56	0.33	0.03	0.03	<5	52	82	<10	59	<100	31	152	60	56	163	217	1.15	99.02	0.16	0.25
3524	72.31	14.70	1.81	1.38	0.22	5.28	2.00	0.11	0.02	0.04	0.07	0.04	<5	<5	<5	15	100	170	<5	127	5	102	98	110	0.96	99.01	0.12	0.39
3525	71.05	13.60	3.47	1.62	0.51	4.31	2.18	0.16	0.04	0.18	0.07	0.04	<5	<5	<5	11	53	<100	<5	87	11	96	128	118	1.85	99.13	0.38	0.57
3526	73.13	13.56	2.66	1.64	0.44	4.18	2.12	0.06	0.01	0.13	0.08	0.04	<5	<5	<5	14	80	<100	<5	96	5	90	114	93	1.17	99.27	0.21	0.20
23336	49.44	15.80	11.97	12.30	4.25	2.71	0.16	1.10	0.18	0.18	0.01	0.04	<5	55	7	<10	428	<100	30	104	198	22	89	109	1.49	99.73	0.05	0.02
23337	53.75	15.65	12.29	7.31	3.88	3.30	0.63	0.95	0.17	0.14	0.02	0.07	<5	68	19	<10	158	<100	22	195	174	20	60	127	1.76	>100.00	0.03	0.02

These elements are not included in the total column: C, S

Sample is fused with Lithium metaborate and dissolved in dilute HCL/HNO3.

