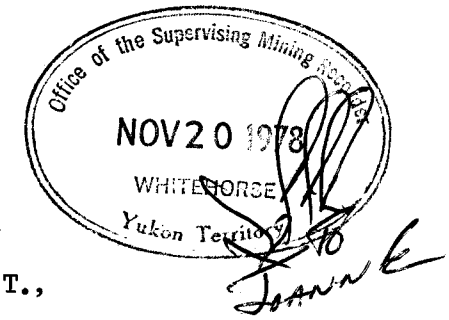
Indian and Northern Affairs | Affaires indiennes et du Nord



P.O. Box 269,
Watson Lake, Y.T.,
YOA 1C0

16 November, 1978.

Your file *Votre référence*

Our file *Notre référence*

REGIONAL DIRECTOR RESOURCES

Attention: Supervising Mining Recorder

RESTRICTED

REGISTERED MAIL

Please find enclosed, for your records, diamond drilling logs submitted by Amax Minerals Exploration for renewal of their LOG mineral claims.

The claims are situated on claim sheet 105-B-4 and work performed was valued at $69,592.75.

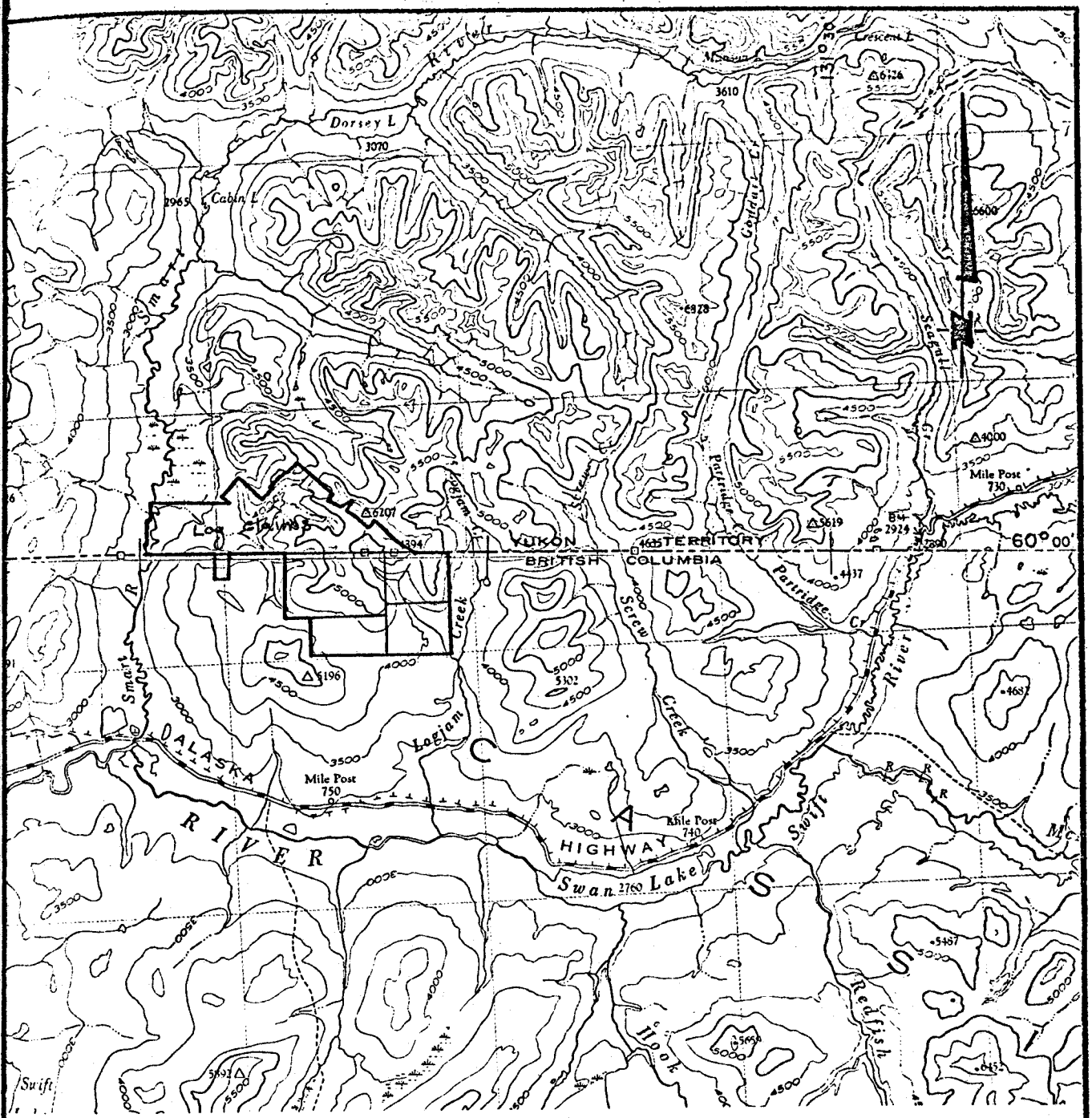
Yours truly,

V.W. Johanson
Mining Recorder
Watson Lake District

encl.

VWJ/dj

091101



AMAX POTASH LIMITED

LOGTUNG PROPERTY

LOG CLAIMS

WATSON LAKE MINING DISTRICT — YUKON TERRITORY

CAMP AND JAM CLAIMS

ATLIN MINING DIVISION — BRITISH COLUMBIA

LOCATION MAP

SCALE 4 0 4 KILOMETRES / 2 0 2 MILES

1 : 250,000

Vancouver — H. P.

N. T. S. Ref. 104 O 13, 105 B 4

FIG. 1

Abreviations for Logtung 1978 diamond drill logs

Rock Types

SK - skarn
G - garnet skarn
C.S. - cale-silicate
LT - light green cherty skarn
DI - diorite
APL - aplite
PEG - pegmatite
DK - dark green pyroxene skarn
GD - granodiorite
QM - quartz monzonite
QMP - quartz monzonite porphyry
R - rhyolite
QP - quartz porphyry
FP - feldspar porphyry
QFP - quartz feldspar porphyry
GR - granite
GW - greywacke
HO - hornfels

Minerals

sch - scheelite
pow - powellite
he - hemalite
mag - magnetite
mn - manganese oxides
lim - limonite
fm - ferromolybdite
py - pyrite
po - pyrrhotite
cp - chalcopyrite
ga - galena
sph - sphalerite
mo - molybdenite
bio - biotite

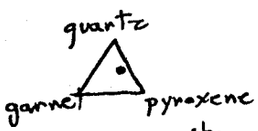
Minerals (cont.)

calc - calcite
fel - feldspar
fl - fluorite
gt - garnet
px - pyroxene
ep - epidote
serp. - serpentine
ser - sericite

Discriptive

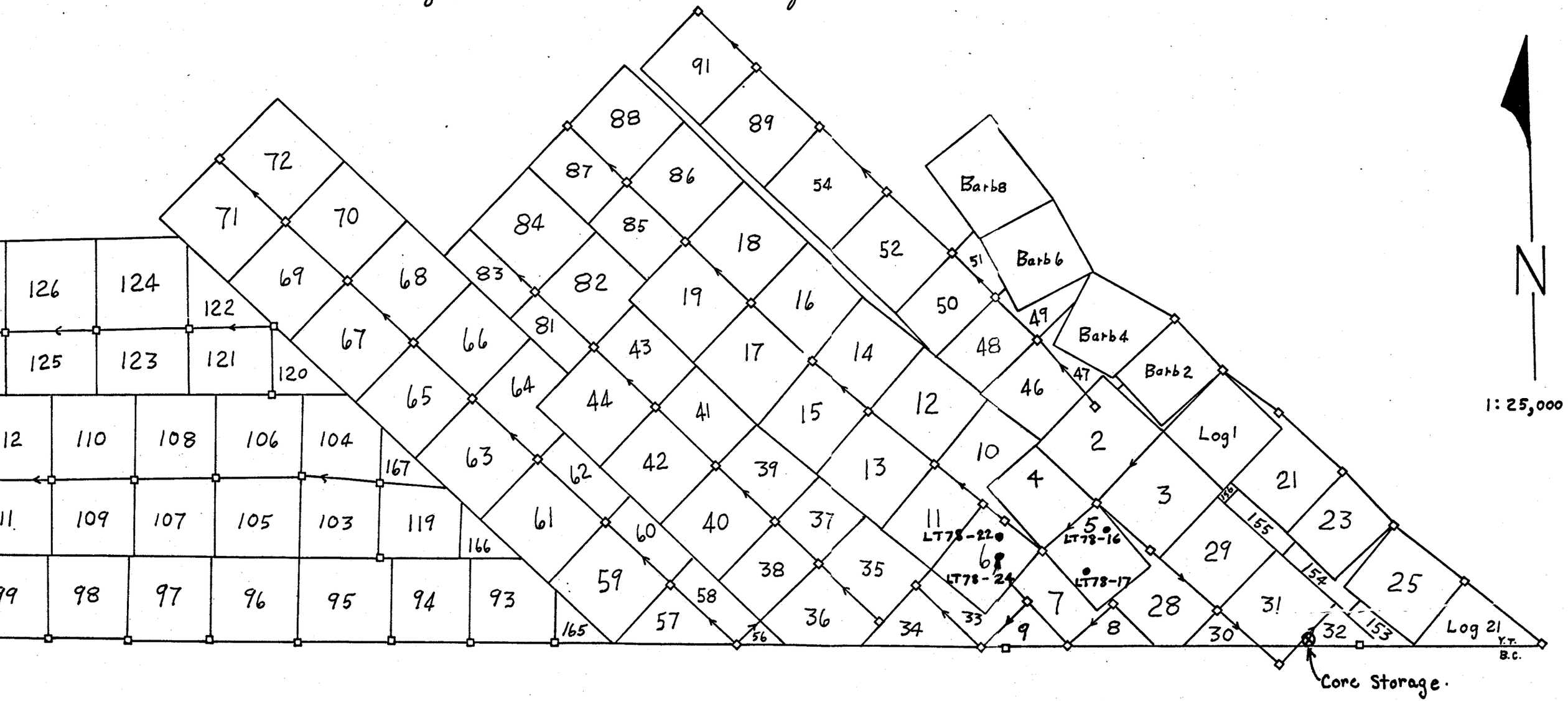
Tr - Trace
bx - breccia
cbx - crackle breccia
cg - coarse grained
mg - medium "
fg - fine "
diss - disseminated
$\bar{w}$ - with
en - envelope
con - contact
perv - pervasive
br - brown
alt - alteration

FF - Fracture Filling
lt - light
med - medium
pheno - phenocryst
porph - porphyritic
pred - predominent
vn - vein
gr - grey
F - Fracture
bl - black
20° - angle of vein (etc) to core axis
hi - hair line.



Skarn composition diagram, dot indicates approximate composition.

Log Claims, Watson Lake Mining District, 105B-4



DIAMOND DRILL RECORD - LOGTUNG

Hole Number 16	Co-ordinates N 6654985.0	Bearing at Collar	Vert
	E 355147.0	Dip at Collar	90°
	Collar Elevation 1624.0	Commenced Drilling	July 3, 1978
	Total Depth 233.5 meters	Completed Drilling	July 9, 1978
	Depth Casing 9.1 m	Section	975 NE
	Depth Overburden 9.1 m	Logged By	W.R. CLARK
	Core Size NQ	Drilling Contractor	E.Caron Diamond Drilling

SURVEY SUMMARY

Depth	Dip	Bearing	Method

Survey instrument not availible

PERTINENT ASSAY DATA

Interval	WO_3 %

PERTINENT GEOLOGY

Interval	Rock Type or Structure

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16
SHEET 1 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px.	Garnet	Fluor.	Po	Cp	NOTES
4							57437 + 57438 + 57439		.02	.008	.017																
8							57440	.02/																			
12	HO + GW 30% LT			6	90		57441 + 57442	.02/Tr	.04	.018	.020	15	2	2	0	0	1	3	0	100	Tr				1		9.1–13.5 brHO+GW ω 30% LT + chl lim, mn on F, diss po
				14	100							45	2	6	2	0	0	4	0	100	"				1		9.1–12.2 brHO ω 40% LT, DK on some FF + vn 12.1–12.2 qv 7%
				20	100		57443 + 57444	.01/Tr	.06	.022	.025	42	3	4	2	0	0	9	0	100	"				1		12.2–13.5 45% GW ω 20% brHO ω 35% LT, DK on some FF
16	FG GW 10% LT 5% SK			17	100			.07/.01				34	4	7	4	0	0	6	50	50	"				1		13.5–17.4 brHO + GW ω 10% LT + 5% SK △ as en on FF
				20	100		57445 + 57446	.03/Tr	.08	.028	.032	38	1	8	2	0	0	7	0	100	"				1		Lim + mn on F diss po in HO + GW
20	GW 10% LT 5% SK			20	100			.01/Tr				36	1	4	2	0	0	5	0	100	.5				Tr		13.5–16.0 55% HO + 25% GW + 15% LT + 5% SK △
				17	75		57447 + 57448	.03/Tr	.05	.028	.032	23	2	7	2	0	0	5	0	100	.5				tr		15.1–15.2 SK △ diss pow + sch
24	GW 10% LT 5% SK			17	100			tr/Tr				34	1	2	3	0	0	4	0	100	.5				Tr		16.0–17.4 60% GW + 25% HO + 10% LT + 5% SK △
				16	100		57449 + 57450	.05/tr	.05	.019	.023	49	5	7	0	0	0	8	0	100	1				.5		17.4–20.2 GW ω 10% LT + 5% px SK px as vn + en
28	HO GW 10% LT			18	100			.01/Tr				26	1	3	3	0	0	3	0	100	.5				.5		18.2 3cm qvn 50°
				16	60		57451 + 57452	.01/Tr	.03	.012	.014	25	3	2	2	0	0	2	0	100	Tr				Tr		20.2–22.2 GW + 30% LT + 10% px SK
32	BSGN 15% LT			11	100			.02/Tr				46	4	5	1	0	0	6	0	100	.5				.5		20.8–20.9 SK △
																											22.2 2cm qvn 45°
																											22.2–23.0 GW ω 10% LT
																											23–24.3 brHO ω 15% LT 24.2–24.3 qvn 45°
																											24.3–30.5 brHO + GW ω 10% LT
																											24.3–25.3 70% GW ω 20% HO ω 10% LT
																											25.3–25.5 SK △
																											25.5–28.4 70% brHO ω 15% GW ω 10% LT ω 5% px SK
																											px as en, 28.4–29.4 core loss Intense Fract. HO + qvns
																											29.4–30.5 GW ω 10% LT 4cm qvn 45° at 29.7
																											30.5–35.0 GW ω 15% LT
																											30.5–31.8 GW ω 7% LT end of strong lim on F
																											31.8–32.9 GW ω 10% LT ω 5% SK △

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16
SHEET 2 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Py--	Garnet	Fluor.	po	cp	NOTES
				11	100		57453 + 57454	.02/Tr	.02	.020	.022	33	3	2	1	0	1	5	0	100	tr				.5		32.9-34.9 GW ω 10% LT
				16	100			.02/Tr				49	2	6	3	0	1	2	0	100	Tr				.5		34.9-35.5 HO ω 15% LT
36				12	100		57455 + 57456	.08/Tr	.08	.022	.024	44	5	12	4	0	1	2	0	100	tr				tr	tr	[35.5-37.2] GW ω 25% LT
				9	75			.06/Tr				28	3	9	1	0	1	0	0	100	tr				tr		35.5-35.7 LT ω 20% GW, 36.1 4cm px en, 36.8-37.2 LT w 35% GW
40				14	100		57457 + 57458	.08/tr	.19	.023	.031	34	4	11	1	0	1	0	30	70	tr				tr	tr	[37.2-37.7] SK △ cbx w 5% HO
				15	75			.20/tr				25	4	10	0	0	1	1	sch 50	50	tr						[37.7-40.4] 55% LT 5% SK △ 40% HO
				16	100		57459 + 57460	.05/tr	.05	.033	.036	41	4	5	1	0	3	0	0	100	tr					tr	37.7-38.5 50% LT + 50% HO, 38.5-40.0 70% SK △ 30% HO
44				13	100			.05/tr				41	3	10	2	0	2	2	0	100	tr				tr	tr	40.0-40.4 SK △
				9	100		57461 + 57462	.03/.01	.03	.041	.045	38	2	6	5	0	1	0	0	100	tr				tr	tr	[40.4-40.5] EP + 10% SK △
				19	100			.09/tr				40	1	6	2	0	4	2	0	100	tr				tr	tr	[40.5-43.2] 45% HO ω 45% LT, 10% SK △
48				9	30		57463 + 57464	.05/tr	.06	.008	.014	17	1	4	1	0	1	1	0	100	tr					tr	40.5-40.6 SK △ diss pow rsch, 40.6-41.4 70% LT+10% HO+10% DK
	LT + EP			7	20			.01 tr				13	0	1	0	0	0	0	0	100					tr		41.4-43.2 60% LT, 40% HO poor recovery
52				7	20		57465 + 57466	.01/tr	.07	.003	.010	12	1	1	0	0	1	0	0	100					tr		[43.2-44.1] SK △ ω 5% HO
				15	50			.07/tr				30	4	13	0	0	5	1	0	100	tr						43.4-43.9 50% q stringers 50% SK △ diss sch
				15	100		57467 + 57468	.07/tr	.06	.010	.015	27	6	9	2	0	3	0	0	100							[44.1-52.2] 45% HO ω 45% LT 10% SK △
56				15	75			.06/Tr				26	5	6	1	0	9	1	0	100	tr					tr	44.1-44.6 HO ω 30% LT 44.6-45.2 SK △ ω 10% HO cbx
																											45.8-46.2 SK △ ω 30% HO + calc FF 48.9 5cm calc en.
																											50.4-50.5 SK △ ω calc FF, 51.7-51.8 HO ω 40% SK △
																											[52.2-57.6] Fracture zone, fault at 54.9
																											60% LT + 40% FP strong lim, mn.
																											[57.6-60.2] white HO ω 35% SK △
																											58.6 4cm q vn 59.0 3cm px SK
																											[60.2-61.0] br-purple HO ω 10% LT 60.3-60.4 q vn ∧ 90°
																											[61.0 62.2] 40% LT 60% px SK cbx calcified
																											61.0-61.5 LT ω 20% px SK
																											61.5-62.2 px SK ω 10% LT
																											[62.2-64.2] calcified 50% Hem HO ω 50% LT, end of lim+m
																											63.0-63.1 bx 64.-64.1 50% LT 50% px SK
64																											

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16
SHEET 3 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px	Garnet	Fluor.	po	cp	NOTES
68	HO			15	100		57469 + 57470	.12/Tr	.06	.013	.021	38	5	24	1	0	3	1	0	100	Tr				Tr		64.2-68.7 ltgr to pink HO 5% px mostly as enclaves in qt vn, 64.5 2cm q vn 75°
				9	100			.05/.01				33	5	11	3	0	5	1	0	100	tr			tr		tr	65.5-65.9 40% HO ⩓ 60% ltgr HO
	SK			16	100		57471 + 57472	.06/.01	.08	.036	.051	42	3	10	3	0	2	5	0	100	.5					tr	67.0-67.2 cbx SK △ Flt? 67.7-67.8 SK △
72				13	100			.07/Tr				28	6	14	1	0	7	2	0	100	tr					tr	68-68.2 SK △
				7	100		57473 + 57474	.07/.01	.06	.010	.015	41	3	12	3	0	3	0	0	100						tr	68.7-69.3 SK △
			SK	9	100			.09/Tr				30	5	13	3	0	2	3	0	100	Tr					tr	69.3-89.4 ltgr HO ⩛ 20% LT, 20% HO, sections of px SK (bands).
76	60 Hy HO 20 HO 20 LT			9	100		57475 + 57476	.09/.01	.07	.033	.039	37	2	8	5	0	3	2	0	100	tr				tr	tr	69.5 5cm q vn ⩛ APL Frag? (~1cm) 65°, 69.9-70.1 dark green HO ⩛ chl.
				10	100			.06/.01				34	2	6	5	0	3	6	0	100	tr				tr	tr	70.5-71 (3) 1cm px vn parallel core 71.1-71.2 q vn 45° 71.2-71.3 px SK
80				8	100		57477 + 57478	.09/.02	.09	.019	.024	31	3	3	7	0	1	8	0	100	tr				tr	tr	72.7-72.8 px SK 73.5 3cm px band 50° 73.9-74 LT 75.-75.4 cbx 75.9-76.1 cbx
				8	100			.05/.01				29	4	8	4	0	1	2	0	100	tr				tr	tr	76.3-76.4 px SK, 76.7-76.8 q vn ⩛ chl 4cm, 30°, 77.6-77.7 SK △ ⩛ small calc-mo-sph vn 80.2-80.3 SK △
84				9	100		57479 + 57480	.04/Tr	.03	.030	.033	34	2	5	2	0	0	3	0	100	tr				tr	tr	80.3 2cm q vn 15° 81.3-81.5 SK △ ⩛ 25% HO 81.8 2cm G 81.1-81.2 SK △ 82.8-83 SK △ ⩓ 20% ltgr HO
				10	100			.05/.03				32	3	3	8	0	3	7	0	100	tr				tr		84.4 3cm px SK 84.5 1cm q-vn 70° 84.8 3cm q vn 70°
88				5	100		57481 + 57482	.04/.03	.03	.037	.039	32	2	6	8	0	2	9	0	100	tr				tr		85-85.1 SK △ 86-86.1 SK // △ as en on 3cm q vn 70°
				7	100		57482	.01/.03				34	1	1	10	0	2	2	0	100	tr						86.6 3cm Rusty q vn w chl, po to 1cm 75°
92	HO SK			11	100		57483 + 57484	.01/.02	.03	.041	.044	44	1	3	8	0	0	7	0	100	tr						86.8 4cm Rusty q vn w chl po en 1cm 75°
96	80 HO 20 LT			10	100			.05/.05				38	2	5	5	0	1	6	0	100	tr					tr	87.7-87.8 porph DI chl alt + silicification, diss po 88.5-88.7 SK △ ⩛ 20% ltgr HO 89.3 4cm porph DI diss po / chl alt 89.4-94.2 ltgr HO 5% px SK 89.7 1cm q-vn ⩛ minor mo 90.2-90.8 Fractures ⩛ lim 91.4 4cm band px SK 93.2-94.2 ltgr HO ⩛ 10% SK △ 94.2-97.4 ltgr HO ⩓ 20% LT 94.2-94.6 40% ltgr HO ⩛ 60% SK △ 5cm q-vn 75° at 94.3 94.6-95.5 ltgr HO ⩛ 5% LT 95.5-95.6 px-wollastonite? calc, po, mo, cp vn 3cm 70°

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16

SHEET 4 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Po	Gosset	Fluor.	po	ep
	WHO 20LT			6	100		57485 + 57486	.03/.03	.03	.042	.044	43	4	6	11	0	1	4	0	100	tr				1	
	DI			13	100			.03/Tr				32	3	2	2	1	4	5	0	100	tr				tr	
100	60 HO 30 LT 10 HO			17	100		57487 + 57488	.03/tr	.04	.013	.017	35	2	2	1	1	7	3	0	100	tr			tr	.5	tr
	DI			12	100			.02/tr				40	2	1	3	0	7	2	0	100	tr				.5	
104	55 HO 40 LT 5 HO			8	100		57489 + 57490	.07/tr	.06	.014	.018	44	4	16	3	0	2	2	0	100	tr				tr	
				10	100			.05/tr				39	4	8	2	0	1	1	0	100	tr				tr	
108	HO			4	100		57491 + 57492	.09/tr	.06	.026	.028	42	6	12	3	0	1	8	5	95	tr				tr	
	40 LT 60 HO			9	100			.10/tr				37	7	16	4	0	1	4	50	50	tr				tr	
112	HO 5 LT			7	100		57493 + 57494	.08/tr	.06	.011	.014	33	5	13	3	0	2	3	50	50	tr				tr	
	40 LT 15 HO 45 SK			12	100			.11/tr				37	5	13	1	0	4	1	0	100	tr				tr	tr
116				11	100		57495 + 57496	.07/tr	.05	.015	.017	45	6	10	2	0	1	9	0	100	tr				.5	tr
	75 HO 25 LT			11	100			.03/tr				34	3	3	3	0	9	3	0	100	tr				tr	
120	90 LT 10 HO			9	100		57497 + 57498	.08/tr	.04	.009	.011	41	6	9	2	0	3	9	0	100	tr					
	70 HO 30 LT			17	100			.05/tr				54	4	6	1	0	12	9	0	100	tr				tr	tr
124	SK			12	100		57499 + 57500	.10/.01	.06	.014	.017	43	2	10	3	0	19	7	20	80	tr				tr	
	60 LT 40 HO			9	100			.05/tr				41	5	10	3	0	8	9	0	100	tr				tr	
128																										

NOTES

96.3 – 96.7 35% SK △ 65% ltgr HO

97.4 – 98.1 chl alt porph DI diss po replacing phenos

98.1 – 101.7 ltgr HO + 10% HO + 30% LT + minor px + gt SK

98.1 – 98.3 ltgr HO 98.3 – 98.4 SK △ 1cm q-py-po-cp-sph-mag vn ~ 10°

98.4 – 98.7 50% ltgr HO + 50% HO 98.0 SK △ ŵ patches px ŵ 15% HO

98.5 – 100.5 55% ltgr HO + 25% HO, 20% LT

100.5 – 101.7 ltgr HO ŵ 40% SK △ 101.2 – 101.6 q-po-mo-fl-sph-cp 0°

101.7 – 102.9 chl alt f.g. DI upper con. vert lim on f

102.9 – 107 ltgr HO ŵ 40% LT, 5% HO

102.9 – 104.1 ltgr HO ŵ 5% LT 104.1 – 104.4 LT ŵ gt vn + px en

104.4 – 104.5 HO 104.5 – 105.9 LT ŵ gt vn + px en

105.9 – 106.3 ltgr HO 106.3 – 107 LT ŵ gt vn ŵ px en.

107 – 109.4 ltgr HO ŵ SK △ FF

109.4 – 110.4 20% px SK, 40% LT, 10% HO, 30% ltgr HO

109.4 – 109.5 HO 109.5 – 110.1 50% SK △, 50% ltgr HO

110.1 – 110.2 px SK ŵ diss sch 110.2 – 110.25 LT, 110.25 – 110.4 px SK ŵ diss pow, po, cp sch.

110.4 – 113.2 ltgr HO ŵ gt FF + 5% LT

113.2 – 116.5 60% LT ŵ 15% HO ŵ 7% G ŵ 8% px SK

113.2 – 113.6 SK △ diss pow + sch 113.6 – 114.0 HO

114.0 – 116.2 SK △ ; 10% HO, 116.2 – 116.5 px SK

116.5 – 119.5 ltgr HO + HO ŵ 25% LT

117.1 3cm calc-px 118.8 – 119.4 weathered ŵ calc

119.5 – 122.3 LT ŵ 10% ltgr HO

120.7 2cm APL 35°

122.3 – 122.4 bx calc healed fault in HO

122.4 – 124.5 HO ŵ 30% ltgr HO ŵ 30% LT

123.0 3cm G

124.5 – 125 px SK 124.5 – 124.6 SK △

124.6 – 125.0 SK △ 124.6 – 124.7 diss pow + sch 124.9 – 125 calc on calc v

125.0 – 132 40% ltgr HO 60% LT

126.0 – 126.2 2cm calc vn 10°

127.3 2cm SK △ 5°

DD-13

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16

SHEET 5 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Garnet	Fluor.	po	ep	NOTES
132	LT 40 HO			12	100		57501 + 575.02	.02 / tr	.04	.014	.017	39	3	6	2	1	12	4	0	100	tr			tr		127.9 - 128.1 HO ŵ 10% LT 128.2 5cm SK △
				12	100			.03 / tr				45	4	4	2	0	11	7	0	100	tr			tr		129.9 3cm q vn 70° 129.0 1cm q-py vn 15°
	SK			10	90		57503 + 57504	.09 / tr	.03	.027	.035	32	3	3	2	0	19	3	50	50	tr			tr		129.2 - 129.7 (2) 1cm calc vn ~ 10° 131.5 - 132.0 br HO ŵ 15% SK △
				12	100			.08 / .02				51	4	9	7	0	19	7	0	100	tr			tr	tr	131.6 2cm q-py vn 65° 131.9 3cm q vn 30°
136	55 LT 40 HO 5 SK			10	100		57505 + 57506	.04 / .02	.03	.021	.025	35	3	4	5	0	14	11	0	100	tr			tr		132 - 132.7 SK △
				8	100			.07 / tr				37	3	8	3	0	10	9	0	100	tr			tr		132.1 6cm q vn ŵ diss py sch 132.1 - 132.2 calc FF
140				18	85		57507 + 57508	.02 / tr	.02	.009	.016	43	2	4	1	0	29+	3	0	100	tr			tr		132.7 - 139.8 40% ltgr HO ŵ 5% px SK ŵ 55% LT
	LT DI			9	100			.02 / tr				40	0	3	1	0	7	2	0	100	tr					133.3 - 134.5 HO + LT ŵ calc FF - calcified
144	LT			12	100		57509 + 57510	.03 / tr	.04	.008	.011	41	5	4	2	0	9	6	0	100	tr			tr		134.8 3cm G 134.9 3cm q vn - qt vn 75°
				4	100			.04 / tr				49	3	7	3	1	4	7	0	100	tr			tr		135.3 - 135.4 px SK ŵ diss py 136.8 - 136.9 bx HO healed ŵ calc
148				10	100		57511 + 57512	.05 / .02	.05	.028	.030	39	2	10	3	0	2	6	0	100	tr				2	138.5 - 138.6 SK △
	60 DI 40 LT			10	100			.04 / .01				51	3	5	4	0	5	10	0	100	tr				2	139.8 - 142.4 bx HO + LT ŵ calc FF - calcified
152				9	100		57513 + 57514	.04 / .01	.04	.022	.024	41	2	2	4	0	2	6	6	100	tr				2	141.4 - 141.8 Fault
				8	100			.07 / tr				35	3	8	3	0	6	8	0	100	tr			tr		142.9 - 143.6 cbx porph DI ŵ LT to ltgr HO
156	60 HO 40 LT			7	100		57515 + 57516	.04 / .01	.02	.025	.026	46	2	5	2	1	1	9	0	100	tr				.5	142.4 - 142.9 LT - ltgr HO ŵ yellow calc - bleached
				14	95			.01				30	1	2	0	0	10	7	0	100	tr			tr	tr	142.9 - 143.2 porph chl alt DI 40° 143.2 - 143.5 calc bleached LT.
160	APL																									143.5 - 143.6 chl alt DI
																										143.6 - 148.3 LT almost ltgr HO
																										145.8 1cm calc vn 25° 146.9 3cm G
																										146.7 - 146.8 SK △ 147.3 1cm po-qvn 25°
																										148.3 - 154.6 60% chl alt porph DI, diss po ŵ 40% LT
																										148.3 149.3 chl alt porph DI ŵ diss po 10° 148.7 - 148.8 bx ŵ LT frags.
																										149.3 - 149.9 LT 149.9 - 150.1 chl alt porph DI ŵ diss po top con. 70°
																										150.1 - 150.6 cbx chl alt DI, 60% LT 150.6 - 150.7 chl alt. DI diss po
																										150.7 - 151.5 LT, 10% HO 151.5 - 152.2 cbx 60% DI 40% LT
																										152.2 - 154.1 chl alt porph DI diss po 154.1 - 154.6 cbx 50% DI ŵ 20% HO, 30%
																										154.6 - 159 50% HO + 50% LT banded
																										155.0 8cm SK △ 155.2 - 156 LT 155.7 2cm G 95° 156.3 4cm py
																										156.7 - 156.8 q-qt - px vn 80° 156.9 - 157 px SK
																										157.8 2cm q vn 65° 157.9 4cm SK △
																										159 - 160.1 APL possible Fault calc FF calcified
																										159.7 - 160 Totaly replaced by lime green calc.

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16
SHEET 6 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3/MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Cp	Px	Sph	Garnet	Fluor.	m	cp
164	80 LT 10 DI 5 HO 5 SK			11	100		57517 + 57518	.04/.01	.02	.014	.017	31	2	11	2	0	7	2	0	100	tr					tr	tr
				9	100			.01/.02				42	1	3	5	0	5	5	0	100	tr					1	tr
	DI			7	100		57519 + 57520	.03/.03	.04	.021	.023	43	4	6	5	0	1	6	0	100						2	
168				6	75			.03/.01				26	2	5	2	0	3	6	0	100	tr					tr	
	70 LT 10 DI			7	50		57521 + 57522	.06/.01	.05	.014	.017	26	4	6	1	0	4	3	0	100	tr					tr	
				3	35			.03/tr				16	1	2	1	0	5	2	0	100	tr					tr	
172				5	100		57523 + 57524	.05/tr	.04	.012	.014	49	5	8	1	0	3	5	0	100	tr					tr	
	R + LT			8	100			.04/.01				49	2	7	3	0	2	4	0	100	tr					tr	
176				8	100		57525 + 57526	.02/.01	.03	.026	.028	33	2	2	3	0	4	1	0	100	tr					tr	
	85 LT 10 HO 5 SK			9	100			.08/.01				44	6	14	3	0	2	1	0	100	tr					tr	
180				9	100		57527 + 57528	.03/.01	.05	.257	.260	27	4	0	3	0	4	4	0	100	tr	tr				tr	
	90 HO 10 LT			7	100			.11/.30				39	6	12	4	0	4	7	5	95		tr				.5	
184	50 HO 30 SK 20 LT			5	100		57529 + 57530	.03/tr	.02	.019	.021	46	1	2	2	0	7	6	0	100	tr	tr				tr	
				11	100			.04/tr				39	2	3	1	0	4	13	0	100	tr					.5	
188	80 HO 15 LT 5 SK			6	100		57531 + 57532	.02/.02	.03	.024	.026	41	4	1	3	0	2	13	0	100	tr					.5	
				8	100			.03/.03				41	3	5	6	1	2	9	0	100						.5	
192	45 SK 5 HO																										

NOTES

160.1 – 163.3 LT ŵ 10% DI, 5% HO, 5% SK
160.7 – 160.8 q vn 70° 161.5 – 161.7 SK, 15% HO
162 – 162.3 chl alt perph DI diss po
162.7 – 162.8 q stringers
163.3 – 165.2 silicic, - chl alt fg. DI diss po
165.2 – 174.5 LT almost Htgr HO, 10% perph DI, 10% gt in vns
166.7 – 167.1 chl alt mg DI diss po
169.9 – 170.5 calc vn 2cm 20° ŵ calc en in LT
170.5 – 171.2 chl alt perph DI diss po
172.7 – 172.8 bx q vn ŵ APL in LT 70°
173.7 – 174.0 chl alt perph DI diss po 75°
174.5 – 177.1 R in LT ŵ 5% gt in vns cbx vertical dyke
174.5 – 175.6 50% R 50% LT
176.8 – 176.9 50% R 50% LT
Low Rec. 162 – 172 due to poor Footage blocks
177.1 – 180.9 LT amost Htgr HO ŵ 5% px SK, 10% HO, 5% gt vns
177.1 – 170.5 60% HO, 40% LT.
178.7 – 178.9 70% px SK, 30% LT
179.3 2cm q vn 40° 180.3 – 180.4 px SK.
180.7 3cm bant gt
180.9 – 182.0 HO, Htgr HO, 10% LT
182 – 185 50% HO, Htgr HO, 30% px SK, 20% LT.
182.1 – 182.3 px SK 182.5 – 183.3 SK
182.6 2cm calc-mo-po-cp vn 15°
183.6 – 183.9 calc en on rusty Fault 184.8 – 185 SK
185.0 – 191.3 Htgr HO, HO ŵ 15% LT, 5% px SK, G
185 – 185.9 Htgr HO ŵ 10% LT 185.9 – 186 SK
186.0 – 186.2 cbx 50% Htgr HO, 50% LT 186.2 – 186.3 HO
186.3 – 187 60% Htgr HO, 40% LT 187 – 187.2 HO
187.2 – 189.3 Htgr HO, HO 15% LT 189.1 5cm SK
189.3 – 189.4 q vn 90° 189.7 – 189.9 SK 189.9 – 190 SK
190.0 – 191.3 HO, Htgr HO ŵ 10% LT 190.2 3cm q-px vn 70°

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16
SHEET 7 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	*	Chalcocite	Fluor.	po	cp
192	SK			5	100		57533 + 57534	.15/.01	.06	.039	.041	36	3	8	3	0	1	7	0	100	tr				.5	
				10	100			.01/.02				39	1	3	4	1	0	10	0	100	tr				.5	
196	55% SK 45% LT			6	100		57535 + 57536	.03/.01	.03	.035	.037	36	2	4	2	2	0	12	0	100				tr	1	
				14	100			.01/.02				32	2	1	5	1	2	8	0	100				tr	1	
200	DI 30% HO 50% LT 20% SK			9	100		57537 + 57538	.01/.02	.04	.030	.032	38	2	1	3	1	1	3	0	100				.5	.5	
	40% HO 40% LT 20% SK			9	100			.03/tr				36	4	9	1	Small a	1	7	0	100				.5	.5	
204	DI LT			10	100		57539 + 57540	.04/.09	.05	.098	.166	48	5	4	10	0	2	6	0	100				tr	1	
	LT			8	100			.03/.01				42	2	7	3	1	2	5	0	100				tr	.5	
208	HO LT 15% SK			6	100		57541 + 57542	.03/.02	.06	.052	.054	35	7	4	4	0	2	6	5	95				tr	.5	tr
				5	100			.06/.05				40	4	5	7	0	7	5	0	100				tr	tr	tr
212	40% LT 35% HO 25% SK			6	100		57543 + 57544	.07/.03	.05	.058	.061	31	5	6	6	0	5	2	0	100				tr	tr	
				11	100			.06/.02				37	4	9	4	0	8	4	0	100	tr					
216				16	100		57545 + 57546	.06/.02	.07	.019	.021	48	5	5	4	0	25	4	0	100	tr					
				11	100			.08/tr				43	6	8	1	0	10	4	0	100	tr				tr	
220	LT 15% HO 10% SK			11	100		57547 + 57548	.08/.05	.07	.014	.015	35	6	5	6	0	6	4	5	95	tr				tr	
	HO			9	100			.12/.04				38	8	7	5	2	3	10	0	100	tr			tr	tr	
224	LT 15% SK 5% HO																									

NOTES

191.3-192.4 SK ⚠ +5% HO 192.0-194.0 short due to poor footage blocks
192.4-200.2 15% HO 40% Itgr HO 45% LT cbx
191.3-194.3 55% HO + Itgr HO w 15% LT.
194.1-194.3 2 q px vn one 2cm 15° one 5cm 70°
194.3-194.6 SK ⚠ 195.0 2cm q-py vn 195.0-195.1 LT
195.3-195.5 SK ⚠ 195.8-195.9 SK ⚠
196.3 2cm q-qt-px vn 60° 196.5-196.7 SK ⚠, 1cm po q-Fl v
196.8 4cm q-po vn 60° 197.1 2cm SK ⚠ 65°
197.2 2cm q-py-mo vn 20°
200.2-200.8 chl alt porph DI diss po, calc healed fault 200.3-200.5
200.8-201.9 50% Itgr HO, 50% LT cbx
201.3-201.6 1cm Feld-Fl-po vn
201.9-204.3 40% Itgr HO + 40% LT, 5% G, 15% px SK
202.2-202.5 SK ⚠ 202.8-203.3 LT
203.7-204.3 SK ⚠
204.3-205.9 60% porph chl alt DI diss po 40% LT cbx
204.3-204.7 DI 204.8-205.1 DI
205.3-205.5 mixed DI + LT 205.9 9cm DI
205.9-207.6 LT ŵ 5% Itgr HO ŵ 5% qt vn
206.7-206.9 SK ⚠ ŵ q-po-Fl vn
207.6-207.9 chl alt porph DI diss po 70°
207.9-212.4 Itgr HO almost LT ŵ 15% qt same as FF
208.2-208.3 2cm qt vn 20°, 209.5 6cm q vn 85°
209.5-209.9 SK ⚠ 2// 2cm q-mo vns 70°
211.5 2cm q-Fl-po vn 45° 212-212.4 2cm qt stringer
212.4-219.2 10% HO 25% Itgr HO 5% qt FF 60% LT
212.4-213 Itgr HO 213-213.4 LT 213.4-213.9 50% HO 50% LT
213.9-214 SK ⚠ 214-215.9 LT almost Itgr HO
215.9-218.5 calc FF in LT solid calc cm cbx 217.3 q vn 3cm 65° sph-py-beryl in calc vn 218.2-219.2 LT ŵ qt FF
219.2-226.7 15% HO + H HO, 10% G 75% LT to px SK
219.2-219.6 SK ⚠ 219.6-219.7 SK ⚠

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-16
SHEET 8 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	#	[illegible]	Fluor.	po	cp
228	BOLT FSK SHO			8	100		57549 + 57550	.22/.06	.07	.053	.054	30	6	16	5	4	7	5	25	75	tr			tr	tr	
	BOLT FSHO			7	100			.07/.01				30	4	13	4	1	3	9	0	100	tr			tr	tr	
	DI			13	100		57551 + 57552	.06/.08	.08	.099	.100	37	5	5	10	1	11	6	5	95	tr			tr	tr	
232	DI			9	100			.15/.01				33	4	6	2	2	3	1	0	100	tr			5		
233.5	LT			10	100		57553	.15/.08	.08	.123	.124	27	5	3	7	0	4	7	0	100	tr			tr		

NOTES

219.7 - 220.2 5% gtSK 10% HO 85% LT to px SK
220.2 - 220.4 px SK 220.4 - 220.7 HO + Hgr HO 220.3 lcm FF
220.7 - 222.7 Hgr HO almost LT 5% gt FF
222.7 - 225.9 80% LT 5% gtSK 10% px SK, 5% HO
222.7 - 224.0 LT ω 5% HO 224.0 - 224.05 q-mo vn 50°
224.05 - 224.1 SK △ 224.1 - 224.3 q-mo vn 45°
224.3 - 224.5 SK △ cbx 224.5 - 224.6 q-mo vn 45°
224.6 - 225.6 20% HO ω 80% SK △ 225.6 - 225.8 SK △ diss po
225.8 - 225.9 HO ω 10% LT 225.4 1cm po-cp-fl-sch-sph vn
225.9 - 229.3 cbx 50% HO ω 50% LT
227.0 - 227.2 1cm calc-fl-sch-fel vn 15°
228.9 3cm q-mo vn 45° 229.2 2cm q-vn 25°
229.3 - 230.1 chl alt porph DI Fault? ω calc salvage
2cm sch-q-po-fl-sph vn 10°, 230 q-mo vn
230.1 - 233.1 chl alt porph DI 40°
230.4 2cm fl-feld-sch-py-beryl vn 15°
230.6 1cm fl-fel-sch-py-sph vn 15°
230.7 3cm q vn 60°
232.8 2cm q vn 70°
233.1 - 233.5 LT cbx.

End.

DD-13

091101

DIAMOND DRILL RECORD - LOGTUNG

Hole Number 17

Co-ordinates N 6654697.0
E 354992.0

Collar Elevation 1575.0

Total Depth 250.9 meters

Depth Casing 5.5 meters

Depth Overburden 5.5 meters

Core Size NQ

Bearing at Collar Vert

Dip at Collar 90°

Commenced Drilling July 9, 1978

Completed Drilling July 15, 1978

Section 680NE

Logged By W.R. Clark

Drilling Contractor E.Caron Diamond Drilling

SURVEY SUMMARY

Depth	Dip	Bearing	Method

PERTINENT ASSAY DATA

Interval	WO_3 %

PERTINENT GEOLOGY

Interval	Rock Type or Structure

DD-13

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-17
SHEET 1 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Fx	Garnet	Fluor.	Po	CP
1.8																										
3.7							57555 +		.05	.002	.011															
4																										
5.5							57556																			
				6	50		57557	.07	.05	.002	.007	8	1	1	0	0	0	1	0	100	Tr					
	SK						+																			
	Ho			12	60		57558	.05				31	3	6	0	0	0	2	0	100	Tr					
8				15	100		57559	.27	xx .12	.002	.016	43	9	22	2	0	2	3	40	60	Tr					
							+	Tr																		
				19	100		57560	.15				40	6	15	0	0	1	5	5	95	.5				tr	
12				17	100		57561	.18	.09	.002	.007	36	4	17	0	0	2	4	0	100	.5					
							+																			
				15	100		57562	.12				34	3	13	0	0	5	7	0	100	1					
16	SK			25	90		57563	.15	.12	.002	.010	41	5	16	0	0	2	8	0	100	.5					
							+																			
				20	95		57564	.14				38	6	12	0	0	5	4	5	95	Tr				Tr	
20				19	100		57565	.09	.07	.005	.013	41	4	11	0	0	6	4	0	100	Tr				Tr	
							+																			
				21	100		57566	.10				36	4	12	1	0	5	5	0	100	Tr					
24								Tr																		
				26	100		57567	.12	.09	.012	.018	40	5	8	1	0	10	7	0	100	1					
							+	Tr																		
	55% LT			12	100		57568	.10				30	5	7	1	0	4	8	0	100	1					
	35% HO							.01																		
28	10% gt			15	100		57569	.09	.07	.018	.021	30	2	10	1	0	8	4	0	100	.5				Tr	
							+	Tr																		
32	45% LT 20% HO 15% SK			15	100		57570	.09				41	4	8	1	0	4	5	0	100	1					
								Tr																		

NOTES

5.5 - 6.8 SK △ ⊙ poor recovery broken ground.
6.8 - 7.2 HO ⊙ 5% LT
7.2 - 24.6 SK △ ⊙ ⊙ 15% G mostly as FF lim on F
8.3 - 8.4 G ⊙ diss pore sch 9.5 - 12.5 cbx
10.4 - 10.5 SK △ ⊙ 10.7 2cm qvn 55°
11.5 3cm qvn 70° 11.9 - 12.0 4cm q-py vn 25°
14.3 - 14.4 SK △ ⊙ 14.8 4cm calc salvage ⊙ calc FF
16.3 - 16.6 SK △ ⊙ 16.8 - 17.1 SK △ ⊙
17.6 - 18.7 cbx 18.5 - 18.3 SK △ ⊙
20.3 - 20.4 calc rich zone SK △ ⊙
21.1 - 21.3 calc salvage ½ cm calc vn 10°
21.4 - 21.5 50% HO ⊙ 50% LT 21.7 - 22.7 SK △
23.7 - 24.3 badly broken 24.1 - 24.3 3cm calc vn // core
24.4 - 24.6 SK △ ⊙
24.6 - 30.8 cbx 35% HO 55% LT dark green calc salvage
10% gt SK 25.3 - 25.5 bleached
25.7 - 26.8 30% HO 70% SK △ ⊙ 27.2 - 28.5 20% HO 80% SK △ ⊙
28.0 2cm qvn 85° 29.1 - 29.9 calc vn 2cm to ½ cm 0°
30.4 - 30.6 SK △ ⊙ 30.6 2cm qvn 80°
30.8 - 33.0 20% HO 15% SK △ ⊙ 65% LT + Bleached SK
30.8 - 31.3 50% HO 5% gt 45% SK △ ⊙
31.3 - 31.9 10% SK △ ⊙ 98% LT
31.9 - 32.1 25% HO 10% SK △ ⊙ 15% LT 50% py SK

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78- 17
SHEET 2 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	~~[illegible]~~	~~Garnet~~	Fluor.	Po	CP
	65LT 20HO 15SK			12	100		57571 +	.14 /	.09	.011	.016	43	8	19	0	0	13	3	0	100	.5				Tr	Tr
36	60LT 30SK 10HO			9	100		57572	.08 / Tr				42	2	11	1	1	11	6	5	95	.5					
	65px SK 30SK 5HO			15	100		57573 +	.10 / .02	.09	.028	.033	36	7	11	4	0	8	5	0	100	.5				Tr	
40	DI			13	100		57574	.18 / .01				33	6	12	3	1	6	5	5	95	1					
	HO + SK			13	100		57575 +	.08 / .01	.07	.053	.057	33	2	4	3	0	13	3	0	100	.5					
44	SK			11	100		57576	.32 / .02				35	5	15	5	0	10	5	5	95	.5				Tr	
	DI			11	100		57577 +	.16 / .03	.07	.043	.047	38	4	4	7	1	16	7	5	95	Tr			Tr	1/2	
48	SK			10	100		57578	.10 / .02				31	2	11	4	0	9	5	0	100	.5					Tr
	70LT 30SK			6	100		57579 +	.28 / .01	.12	.025	.031	38	1	16	2	0	5	2	50	50	Tr			Tr		Tr
52	DI			11	100		57580	.18 / .01				37	3	14	3	0	3	2	0	100	Tr				Tr	Tr
	50LT 50SK			11	100		57581 +	.15 / .02	.08	.023	.026	47	3	13	2	1	5	2	0	100	Tr			Tr		Tr
56	60HO 40SK			6	100		57582	.09 / Tr				48	6	6	1	0	19	6	0	100	1			Tr		Tr
	SK			11	100		57583 +	.35 / .02	.16	.022	.028	37	3	16	2	1	8	2	5	95	6			Tr		
60				11	100		57584	.19 / Tr				38	5	15	1	1	14	8	0	100	2			Tr		
	70SK 30HO			15	100		57585 +	.09 / .01	.06	xx .039	.042	30	1	9	4	0	14	5	0	100	.5			Tr		
64				15	100		57586	.10 / .02				42	2	9	5	0	11	9	0	100	.5			Tr		

NOTES

32.1-33 20% sk △ in vn + en 80% LT + Bleached SK
[33-36.6] 10% HO 20% bleached SK
10% gtsk 60% LT to px SK △ 33.5 5cm bleached LT
34.1-34.5 5% gt 20% bleached LT 65% SK △
35.0 5cm sk △ bleached 36.0-36.5 SK △ bleached
[36.6-39.6] 5% HO 5% bleached SK 25% G
65% px SK 36.6-37.6 40% HO 60% SK △
37.6-38.4 SK △ 38.4-38.6 4cm q py vn 20%
38.4-38.8 SK △ 38.8-39.1 SK △
39.1-39.6 SK △
[39.6-40.3] chl alt f.g. DI con. 15°
[40.3-41.8] cbx HO + SK △ calc salvages
[41.8-43.1] cbx SK △ calc salvages
41.8-42.7 2cm q-mo vn parallel core in SK △ calc. salvage
42.7-43.1 SK △ calc salvage 43-43.1 2cm q-mo vn ŵ sch 15°
[43.1-46.3] cbx f.g. DI chl alt diss po
43.1-44.8 calc. salvage c.g. DI
44.8-45.5 narrow calc salvages f.g. DI chl alt diss po
also 1/4 cm fl-py-sch-calc-q-vn 0°
45.5-46.3 calc. salvage f.g. DI
[46.3-48.8] cbx 35% bleached SK 65% SK △ calc salvages
46.3-46.7 cbx ŵ calc salvages HO, SK △ 46.7-47 bleached SK △
47-47.3 SK △ 47.3-48.1 70% bleached SK, 30% SK △
48.1-48.8 SK △ 48.3-48.6 diss pow + sch.
[48.8-51.1] 70% bleached LT, 30% SK △ calc FF
50.9-51.1 bleached LT ŵ chl
[51.1-51.7] chl alt f.g. DI calc salvages con 80°
51.7 2cm q vn 10°
[51.7-53.7] 50% bleached LT, 50% SK △
51.7-52.4 bleached LT ŵ 5% gt vn
52.4-53.1 SK △ 53.1-53.7 50% bleached LT 50% SK △
53.1 q-mo vn 15° 53.2-53.7 2cm q-fl-calc-sch-q vn 5°

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px	Garnet	Fluor.	NOTES

NOTES

53.7 - 56 60% HO + 40% SK ⚠ weak calc salvages
53.7 - 54.1 70% H_{gr} HO + 30% LT
54.1 - 54.4 SK ⚠ 54.4 - 54.6 80% HO, 20% SK ⚠
54.6 - 55.4 SK ⚠ 54.3 3cm q vn 45°
55.4 - 56 90% HO @ 10% SK ⚠
56 - 59.0 cbx Fracture zone @ calc salvages + larg q-py vn 40% chl SK ⚠ 60% bleached SK
56.6 - 58.0 3cm q - calc - py - mo - sch - sph - sericite - fl-bon vn. parall core
59.0 - 67.5 cbx calc FF 30% HO 70% SK ⚠ dark calc salvages
62.2 - 62.3 SK ⚠ 62.7 - 62.8 bleached SK @ gt
64.1 - 64.8 SK ⚠

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Fy	Gr	Fluor.	Po	CP	NOTES
68	70%SK 30%HO			9	100		57587 + 57588	.25/.02 ; .18/.02	.14	.043	.050	44	4	17	6	0	23	9	15	85	.5					64.6 - 65.1 calc FF zone 67.2 2cm q vn 65° 67.4 - 67.5 q-vn 85°
				12	100							41	2	5	4	0	28	10	5	95	.5		Tr			[67.5 - 69.9] bx ! HO ῶ 10% LT healed ῶ calc + min + chl. 69.8 - 69.9 q vn bx
	90% HO 10% LT			11	100		57589 + 57590	.09/.03 ; .08/.03	.08	.036	.040	35	3	4	4	0	18	6	60	40	1		Tr			[69.9 - 72.2] bx calcified HO ῶ chl 71.0 5cm Frags of q vn in Fault gouge
72	HO			17	55							37	2	4	2	0	22	6	0	100	.5					71.4 - 72 Fault gouge [72.2 - 76.2] bx SK ◺ ῶ strong chl calcified
				13	65		57591 + 57592	.08/.40 ; .23/.01	.14	.113	.138	27	1	7	4	0	13	8	60	40	2		Tr			calc cemented Fault gouge, 3cm from 72-2 - 72.3 Vert. mo in gouge . 73.2 - 73.8 Fault gouge.
	SK			20	95					xx		57	6	14	0	0	34	4	5	95	.5					[76.2 - 77.2] bx SK ◺ dss chl calcified
76																										[77.2 - 79.5] cbx 20% HO 80% SK ◺ chl calcified
	SK			20	100		57593 + 57594	.30/.01 ; .12/.01	.10	.023	.029	47	3	13	3	0	23	7	50	50	1					77.8 - 78.1 possible Fault core broken @ 30° 78.7 3cm bx calc healed 30°
	60% SK 20% HO			15	100				xx			35	1	12	2	0	13	3	10	90	.5		Tr			[79.5 - 81.7] LT ῶ 5% gt FF 80.2 ¼ cm cp vn 15° 80.8 - 81.4 LT ῶ 10% gt FF 81.5 - 81.6 1cm q-fl-sch vn 15
80	LT			19	100		57595 + 57596	.29/.03 ; .07/.01	.05	.022	.026	43	5	21	6	0	10	10	5	95	1		Tr		.5	[81.7 - 91.4] Banded (HO+LT) 95% ῶ (LT, 15% gt FF) 55% 81.7 - 82.3 50% HO, 40% LT 5% gt SK
				6	100							36	3	7	4	0	4	4	0	100	.5			Tr		82.3 - 83.2 LT ῶ 7% gt FF 83.2 - 84.1 20% HO 80% SK ◺ 84.1 - 84.7 LT ῶ 10% gt FF 84.7 - 85.1 10% HO 30% ltgr HO
84	75% LT 25% HO			9	100		57597 + 57598	.05/.01 ; .06/.01	.05	.008	.010	44	0	7	4	0	2	5	0	100	.5				Tr	55% LT 5% G 85.1 - 85.9 LT ῶ 5% gt FF 85.9 - 87.1 60% HO + ltgr HO 30% LT 10% px SK
				9	100							44	3	7	3	0	5	6	0	100	.5			Tr		86.5 - 86.6 px SK 87.1 - 87.6 LT ῶ 15% gt FF
88				10	100		57599 + 57600	.11/.01 ; .07/.01	.07	.019	.022	38	1	9	3	0	2	3	5	95	Tr					87.6 - 88.0 95% HO 15% ltgr HO 40% SK ◺ 88.0 - 88.7 70% LT ῶ 30% SK ◺ 88.7 3cm q-vn cbx
				10	100							34	2	12	3	0	2	4	5	95	Tr					88.7 - 88.8 50% HO ῶ 50% SK ◺ 88.8 - 89.2 LT 89.2 - 89.3 60% LT ῶ 40% G 89.3 - 89.8 30% HO 70% SK ◺
92																										89.8 - 90 calcified SK ◺ 90.0 - 91.4 15% HO 10% G 75% LT
	75% LT 15% gt 10% HO			13	100		57601 + 57602	.09/.01 ; .09/Tr	.05	.017	.020	41	1	14	3	0	7	3	0	100	Tr				Tr	[91.9 - 103.5] 10% HO ῶ 15% gt FF, 75% LT 91.4 - 91.9 LT ῶ 6 - 2cm q vns 60°
				10	100							39	2	8	1	0	4	5	0	100	.5		Tr		Tr	91.9 - 92.8 LT ῶ 15% gt FF 92.8 - 93.0 20% HO 80% SK ◺ 93.0 - 94 LT 94.0 - 94.3 LT ῶ 25% G
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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Po	CP	NOTES
100	75% LT 15% SK 10% HO			13	100		57603 + 57604	.08/.03	.06	.015	.018	38	2	9	6	0	1	9	0	100	1	Tr	Tr	94.3 - 97.0 LT ω 5% gt FF at 96.2 5cm HO at 97.0 3cm G 97.0 - 98.3 10% HO ω 5% G, 40% ltgr HO, 45% LT
				12	100			.11/Tr				42	2	4	1	0	1	2	20	80	Tr			98.3 - 99.3 LT, 5% gt FF 99.3 - 99.5 SK ∆ 1cm gvn gt en 20° 99.5 - 100.1 10% HO, 10% px SK, 15% bleached SK 65% LT
				8	100		57605 + 57606	.13/.01	xx .07	xx .038	.041	41	3	21	2	0	8	2	10	90	Tr			100.1 - 100.6 SK ∆ 100.6 - 100.9 LT 100.9 - 101.7 bleached LT ω 15% gt FF
104	55% HO 45% LT			13	100			.10/.06				43	3	12	9	0	1	8	0	100	5	Tr	1	101.7 - 102.1 20% ltgr HO, 80% LT 102.1 - 102.8 10% HO 20% G, 70% LT 102.8 - 103 HO 102.9 3cm g-mo vn.
				11	100		57607 + 57608	.11/.02	.17	.038	.042	41	4	8	3	0	4	8	5	95	Tr	Tr	Tr	103 - 103.5 Hgr HO ω 10% gt FF 103.5 - 104.2 40% HO, 15% ltgr HO, 45% LT
108				11	100			.09/.01				38	3	11	2	0	5	5	5	95	Tr	Tr	Tr	103.5 - 103.6 SK ∆ 103.7 - 103.8 SK ∆ 104.3 3cm SK ∆ 104.7 - 105.2 10% HO 85% LT 5% gt FF
				13	100		57609 + 57610	.17/.02	.07	.019	.022	40	4	19	4	0	2	10	5	95	.5	Tr	Tr	.5 105.2 - 105.3 px SK 105.7 - 105.9 15% Hgr HO, 85% SK ∆ 106.2 - 123.5 15% HO, 20% px SK, 65% LT ω gt FF
				7	100			.12/.02				43	4	12	4	0	2	4	0	100	Tr	Tr	Tr	106.2 - 107.4 10% HO, 5% px SK, 80% LT, 5% gt FF 107 - 107.1 (2) 3cm q-vn 30° 107.1 - 107.8 10% HO 90% SK ∆
112	65% LT 20% SK 15% HO			12	100		57611 + 57612	.09/Tr	.08	.050	.056	38	3	14	1	0	1	5	0	100	Tr	Tr	Tr	107.8 - 109.2 10% HO ω 90% SK ∆ 109.2 - 109.9 SK ∆ 109.9 - 116.2 SK ∆ 110.2 - 113.7 85% SK ∆ ω 15% gt FF
				16	100			.11/.03		xx		44	6	11	5	0	0	9	0	100	.5		Tr	112.7 - 112.8 4cm q vn 15° 113.1 5cm q vn 75° 113.7 - 115.2 20% HO, ltgr HO, 5% G, 75% LT
116				7	100		57613 + 57614	.08/.01	.07	.012	.016	36	2	7	3	0	0	4	0	100	Tr		Tr	115.2 - 118.6 LT ω 15% gt FF 118.6 - 118.2 20% HO 5% gt 75% LT 3 dark green
				11	100			.09/.02				41	5	8	3	1	5	7	0	100	.5	Tr	Tr	chl calc salvages. 118.2 - 118.5 SK ∆ 118.5 - 119.1 SK ∆ 5% gt 119.1 - 119.7 10% HO
120				8	100		57615 + 57616	.12/.01	~~.15 .10~~	~~.013 .094~~	~~.021 .164~~	44	4	15	3	0	3	7	0	100	.5	Tr	Tr	10% G, 10% px SK, 70% LT 119.7 - 120.1 SK ∆ 120.1 - 121.3 15% HO
			FAULT	12	100			.14/.01		xx		42	5	19	2	0	4	12	0	100	1	Tr	1	5% G, 35% px SK 45% LT 121.3 - 122.6 LT ω 20% gt FF 121.6 - 121.9 LT ω 35% gt SK
124				14	100		57617 +	.08/.02	~~.05 .15~~	~~.088 .013~~	~~.090 .021~~	43	5	3	2	0	3	9	0	100	Tr	Tr	2	121.8 3cm gvn 90° 122.6 - 123.5 SK ∆ 122.7 - 122.8 cbx 3mm cp-mo-px-fl-chl vn 5°
	DI			8	100		57618	.04/.03				47	3	4	3	0	8	8	0	100			2	123.5 - 130.2 chl alt porph DI ω diss po 123.5 - 125.2 5-2cm q-vn 75°
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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Po	Fluor.	Po	cP	NOTES
	DI			16	100		57619 + 57620	.07/.02	.08	.065	.068	52	5	7	4	0	27	8	0	100				2		126·1 3 cm mo vn 45° 128·8 - 129·0 calcified porph DI 129·8 1cm q-mo vn 55°
	LT + 5HO			5	100			.19/.02				42	5	8	3	0	1	10	60	40	Tr		Tr	.5	Tr	130·2 - 132·6 LT ẅ 5% HO, 5% gt FF
132																										132·6 - 135·2 LT ẅ 15% gt FF, 10% bleached.
	LT @ 15gt			8	100		57621 + 57622	.10/.01	.08	.039	.042	37	5	11	5	0	3	8	0	100	1		Tr		Tr	132·9 - 133·0 LT, 5% HO 133·4 - 133·5 LT 135·1 1cm q-vn 50°
				7	100			.11/.01		xx		36	5	10	3	0	1	15	10	90	1		Tr		.5	135·2 - 140·9 15% HO 10% G 20% px SK 55% LT ẅ gt FF
136	+ 55 LT 30 SK 15 HO																									135·2 - 135·6 10% HO 10% LT 80% px SK
				9	100		57623 + 57624	.17/.02	.07	.027	.030	38	6	14	6	1	9	15	15	85	1		Tr		Tr	135·6 - 135·9 5% HO 95% SK 135·9 - 136·2 SK 136·2 - 136·8 20% HO 5% G 75% LT
			SK	8	100			.11/.02				40	5	9	6	0	2	13	0	100	1		Tr	Tr	Tr	136·4 3cm q-calc-py-Fl vn 85° 136·8 - 136·9 SK 136·9 - 137·0 50% HO 50% LT calc FF ẅ 3cm salvage
140																										
				7	100		57625 + 57626	.07/.03	.12	.029	.033	45	2	8	7	0	6	14	5	95	1		Tr	Tr	Tr	137·0 - 138·1 LT ẅ 15% gt FF 137·1 - 137·3 1cm q-gt-mo-Fl vn 10° 138·1 - 138·5 20% HO, 5% gt SK 75% LT
	46 HO 30 SK 30 LT			8	100			.18/.03				42	8	8	6	1	3	16	5	95	1	.5	Tr	Tr		138·5 - 138·9 LT ẅ 10% gt FF 138·9 - 139·3 30% LT 70% HO, 1% gr HO
144																										139·3 - 139·4 cbx SK 139·4 - 140·4 cbx 5% G, 30% LT
	QFP			10	100		57627 + 57628	.11/Tr	.11	.017	.019	46	4	10	1	0	1	11	0	100	.5		Tr		Tr	65% lt gr HO 140·4 - 140·9 SK 140·9 - 144·9 40% HO, 30% px SK, 30% LT
				8	100			.15/.01				37	5	6	4	0	3	20	0	100	1		Tr	.5	Tr	140·9 - 142 60% HO, 10% px SK, 30% LT
148																										142·0 - 142·3 px SK 142·3 - 142·8 q-Fl-gt-px-Feld vn 1cm 5°
				8	100		57629 + 57630	.20/.01	.12	.029	.032	40	8	13	3	1	3	13	50	50	2		Tr	Tr	.5	143·9 - 144·4 SK, 5% HO
																										144·4 - 145·3 QFP
				8	100			.04/.02				40	3	3	5	0	4	10	0	100	1			Tr	Tr	145·3 - 166·5 40% HO 35% px SK 20% LT 5% G
152	40 HO 40 SK 20 LT																									145·3 - 146·6 LT ẅ 5% gt vn + FF 146·0 - 147/60% HO, 20% LT, 20% px SK
				7	100		57631 + 57632	.07/.01	.08	.025	.026	40	5	8	3	0	3	13	0	100	1			Tr		147·0 - 147·8 LT ẅ 5% G, 10% px SK 147·8 - 148·2 60% LT 30% HO 5% G 5% px SK
				13	100			.08/.02				38	4	8·	3	1	13	20	0	100	2		Tr	.5	Tr	148·2 - 148·4 SK 148·4 - 149·0 40% HO, 60% LT
156																										149·0 - 149·8 SK 149·9 - 149·8 diss pow-sch
				12	100		57633 + 57634	.07/.02	.07	.023	.026	42	3	10	5	0	8	9	5	95	.5			Tr	.5	149·8 - 150·1 20% HO, 80% SK 150·1 - 152·2 70% HO, 1% gr HO, 30% LT 150·2 9cm SK
				14	100			.06/.01				49	3	12	4	0	8	12	0	100	1			Tr	2	152·2 - 153·6 15% HO, 85% LT
160																										153·6 - 153·9 HO ẅ 5% LT

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3/MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px	Garnet	Fluor.			NOTES
																											153.9 - 154.1 10cm SK △ ẅ LT cn 154.1 - 156.1 HO ẅ 15% LT, 5% G 152.9 3cm qvn 30° 154.5 4cm LT 155 - 155.1 3cm SK △ 4cm cn LT 155.3 - 155.5 10% HO 20% vn 5% cp 65% LT 155.5 - 155.9 2cm q-calc-py-fl-sch vn 10° 156.1 - 156.5 10% HO 10% G 80% LT 156.1 - 156.2 3cm qvn 30° 156.3 5cm G 156.5 - 157.0 80% HO, 20% LT 157.0 - 157.3 px SK, 5% G 157.3 - 157.6 10% HO 10% px SK 50% LT 10% qvn (3cm @ 10°) 157.6 - 158.1 SK △ at 158.0 5cm SK △ 158.1 - 158.2 HO 158.2 - 158.3 40% LT 25% cp 35% qvn 55° 158.3 - 159.2 SK △ 159.2 - 159.5 SK △ 159.5 - 159.6 qvn 85° 156.6 - 160.6 HO 160.0 - 161.2 15% HO 85% SK △ 161.2 4cm diss pow+sch 161.2 - 163.7 banded HO, 65% calc in FF 55% SK △ 163.7 - 166.5 50% HO, 50% SK △

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	[illegible]	[illegible]	Fluor.	Po	cp
164	40 Ho 40 SK 20 LT			4	100		57635 +	.18 / .02	.10	.050	.054	46	8	15	3	1	13	16	20	80	2			Tr		1
				9	100		57636	.10 / .03				51	3	9	6	0	28	15	0	100	1			Tr		Tr
				7	100		57637 +	.07 / .01	.06	.042	.044	45	2	7	4	0	6	15	0	100	1					Tr
168	LT DI SK			10	100		57638	.09 / .02		~~.042~~		44	4	11	7	0	1	16	5	95	1			Tr	1	Tr
				9	100		57639 +	.04 / Tr	.09	.021	.024	46	1	6	1	0	1	14	5	95	1				.5	Tr
172	DI SK DI LT 10 G 10 HO			8	100		57640	.09 / .01				47	3	10	3	1	10	10	0	100	.5			.5	.5	Tr
				10	100		57641 +	.07 / .01	—	.12	.021	.024	41	2	12	2	1	1	10	5	95	.5			Tr		Tr
176	BSSK 10 HO 5 LT			11	100		57642	.13 /					44	4	15	0	0	3	15	50	50	1					Tr
				7	100		57643 +	.14 / .02	.11	XX .043	.047	46	4	16	5	0	8	11	20	80	.5				Tr	Tr
180	LT w SG			10	100		57644	.10 / .01				42	2	11	2	0	8	14	5	95	.5					Tr
				6	100		57645 +	.08 /	.52	— .066	.070	40	4	11	0	1	12	12	5	95	1			Tr	.5	
184	HO + SK w LT			8	100		57646	.38 / .17				40	5	10	3	2	7	9	5	95	3			.5	.5	
				11	100		57647 +	.41 / .38	.52	.084	.100	36	6	10	7	1	9	5	5	95	3			Tr	Tr	
188	SK GR			12	100		57648	.09 / .04	XX			32	2	6	9	0	2	8	10	90	.5				.5	
				10	100		57649 +	.03 / .06	.05	.071	.074	32	2	2	15	0	0	17	0	100	.5			Tr	Tr	
192	GR + QFP			8	100		57650	.04 / .06				33	2	4	13	1	1	24	0	100	1				.5	

NOTES

166.5 - 167.5 LT ω 5% gt FF, 5% chl en
167.5 - 168.3 chl alt porph DI ω diss po con @ 50°
168.3 - 170.9 SK △ 168.3 - 169.5 SK △
169.5 - 169.6 chl alt frag? alt porph DI
169.6 - 169.9 SK △ 169.9 - 170.0 SK △
170.0 - 170.5 SK △ 170.2 2cm R, km qvn 80°
170.5 - 170.6 SK △ 170.6 - 170.9 15% HO 85% SK △
170.9 - 171.2 chl alt porph DI diss po 171.2 - 171.9 SK △
171.6 - 172.2 calcified zone around 2cm q-calc-py-sch-Fl vn. beryl? 10° 171.9 - 172.4 chl alt porph DI 70°
172.4 - 175.4 LT ω 10% G, 10% HO
172.4 - 173.4 10% gt 10% HO 80% SK △
173.4 - 173.6 SK △ 173.6 - 174.0 SK △ ω 5-1cm qvn on Fg GR
174 - 174.1 SK △ 174.1 - 174.9 SK △ chl en on FF
174.9 - 175.0 SK △ 175.0 - 175.3 10% HO-SK △
175.3 - 175.4 50% HO, 50% G
175.4 - 176.6 80% px SK 5% G 5% LT 10% HO
175.4 - 175.5 px SK 175.5 - 175.6 HO 175.6 - 176.3 px SK ω 5% HO, 10% LT 175.6 - 175.7 diss poro-sch. 175.9 - 176.1 diss poro-sch 176.3 - 176.4 HO
176.4 - 176.5 F-g GR ω gt + px 176.5 - 176.6 px SK
176.6 - 182.7 LT ω 5% G, 5% chl as vn qn
177.0 - 177.1 3cm calc vn ω chl + calcified en
177.1 - 177.3 SK △ 178.5 4cm F-g GR 20°
178.7 - 178.8 SK △ 179.1 3cm F-g GR 45°
180.5 - 180.9 q-px-cp-Fl-sch vn 3cm 0° ω 3cm chl en
182.7 - 185.8 cbx calcified HO + SK ω 2 large q-py vns one in a shear zone or fault
182.7 - 183.1 calcified SK △ cbx 3cm py-qvn 20° ω gt px en has been fractured + heated ω calc.
183.6 - 183.6 cbx 50% HO, 50% LT calcified.

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-12
SHEET 6 OF 8
cont.

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY.	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px	Garnet	Fluor.			NOTES
																											183.6 - 185.0 cbx calsified SK chl 3cm q-py-calc-mo-chl-cp vn in shear zone
																											185.0 - 185.8 cbx Ho, SK mostly px SK.
																											185.8 - 186.5 SK
																											186.5 - 189.9 Ribbon banded GR ≈ 10% granitized? SK 186.5 - 186.7 50% alt SK ≈ 50% banded GR · banding at 40°
																											189.9 - 192.8 65% ribbon banded GR, 35% QFP green ≈ diss chl. 189.9 - 190.7 vert QFP dyke in ribbon banded GR. 190.7 - 192.1 ribbon banded GR 191.1 3cm q-py-scr. vn 15°

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78- 17

SHEET 7 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	[illegible]	[illegible]	Fluor.	Po	CP
	GR QFP			7	100		57651 +	.06/.13	.05	.081	.083	45	7	2	22	0	3	27	0	100	.5				.5	
196				8	100		57652	.03/.10				37	4	1	17	0	7	26	0	100	.5				.5	
				10	100		57653 +	.03/.16	.03	.107	0.110	50	3	2	29	0	6	16	0	100	.5				.5	
200	QFP			11	100		57654	.04/.12	~~.03~~	~~.00~~		42	3	1	22	0	4	20	0	100	.5				.5	
				13	100		57655 +	.03/.11	.03	.097	0.100	31	3	2	22	0	3	19	0	100	.5				.5	
204				9	80		57656	.02/.08				40	2	1	16	0	4	15	0	100	.5				.5	
				6	100		57657 +	.04/.09	.03	.043	.045	46	2	5	17	0	4	19	0	100	.5				.5	
208	APL QFP			9	100		57658	.02/.09				39	1	2	16	0	6	17	0	100	.5				.5	
	APL QFP + GR			13	100		57659 +	.02/.05	.03	.057	.063	34	0	2	8	0	6	18	0	100	.5				.5	
212				18	100		57660	.03/.09				48	1	4	18	0	9	17	0	100	.5				.5	
	APL GR QFP			15	100		57661 +	.02/.07	xx .07	.074	.080	34	0	3	15	0	6	20	0	100	.5				.5	
216	LT		ΔΔΔ	4	100		57662	.10/.06				54	2	15	11	2	11	21	5	95	2					.5
			ΔΔΔ	12	100		57663 +	.02/.07	.04	.054	.058	36	1	2	13	0	6	12	0	100	1				Tr	Tr
220	QFP + GR			16	100		57664	.04/.06				43	3	7	12	0	9	9	5	95	.5				.5	
				11	100		57665 +	.06/.12	.20	.063	.067	39	7	6	26	1	2	18	0	100	.5				.5	
224	35% [illegible] 35% SK 30% LT			9	100		57666	.11/.06				42	6	21	11	0	7	29	0	100	2				Tr	.5

NOTES

192.1 - 192.8 Ribbon banded GR ŵ 5% Frag? of QFP mo stockwork banding @ 30°
[192.8 - 206.3] QFP ŵ mo stockwork lt green chl alt. except where there is weak ser. alt. Minor diss gt.
192.8 - 194.2 QFP. sparse phenos 193.8 6cm ribbon banded
197 - 197.1 3cm q-calc-py-ser Vn 30° ŵ ser. alt en.
197.4 - 200.0 weak ser. en on 17 calc FF
200.8 - 202.2 50% of rock shows weak ser. alt.
202.0 - 202.7 30% recovery
202.7 - 203.1 phenos sparse in QFP
203.5 3cm q-ser vn 10° ŵ weak ser en ~2cm wide
204.2 - 204.3 weak ser. alt
[206.3 - 206.6] QFP - APL, f.g. diss biot. 45°
[206.6 - 208.5] QFP lt green chl. diss gt.
206.6 - 206.7 mg GR ŵ q. phenos
207.4 - 207.6 ser. ŵ q. vn, poor ribbon banned GR
208.0 - 208.5 equigranular
[208.5 - 209.2] APL ŵ f.g biot light green chl
[209.2 - 212.1] QFP to mg. equigranular GR
210.1 calc FF 210.3 - 210.4 4cm bx calc vn ŵ calcified en 70° 210.7 - 211.2 4 calc FF ŵ 2cm ser en
211.4 - 211.5 almost APL
[212.1 - 212.8] APL + f.g GR
212.1 - 212.3 f.g. GR 212.3 - 212.8 APL ŵ diss gt
[212.8 - 214.1] QFP almost equigranular cont. @ 45° chl. alt
[214.1 - 217.0] bx SK ⚠ silicified ŵ 10% chl FF en
214.4 - 214.5 2 calc FF ŵ calcified SK 55°
215.0 - 215.1 f.g. GR 55° 215.2 - 215.6 2cm q-py-gt-cp vn 15°
215.8 3cm q-gt-cp-py-vn 30° 216.1 - 216.2 px SK
216.5 - 217 calcified bx diss po
[217.0 - 222.5] QFP ŵ 15% GR.

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-17

SHEET 7 OF 8

cont.

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3/MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY.	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px	Garnet	Fluor.		

NOTES

217.0 - 217.8 QFP lt yellow orange next to calcified bx
217.8 - 221.6 QFP bio alt to chl 221.1 5mm q-py-ser vn 0°
220.7 2cm lt gr APL 50° ω f.g. bio
221.6 - 222.5 F to c.g. GR. ω chl alt, some fresh bio
222.5 - 224.2 35% HO, lt gr HO 35% px SK
30% LT
222.5 - 222.6 HO 222.6 - 222.9 LT
222.9 - 223.6 lt gr HO ω 20% LT 223.6 - 224.2 px SK

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AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-17

SHEET 8 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3/MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py			Fluor.	Po	cp
				15	100		57667 +	.04/.25	.07	.114	.118	40	3	3	16	0	9	16	0	100	1				Tr	Tr
				15	100		57668	.02/.06	XX			38	2	2	13	0	11	15	0	100	1				Tr	
228				14	100		57669 +	.02/.08	.03	.133	.136	44	4	3	17	0	6	18	0	100	1				Tr	
	QFP + APL + GR			16	100		57670	.02/.12				41	3	2	22	0	13	23	0	100	1				Tr	
232				8	100		57671 +	.03/.10	.02	.079	.082	40	1	4	21	0	3	21	0	100	1				Tr	
				9	100		57672	.02/.07				41	3	1	12	0	5	19	0	100	1			.5	Tr	
236				12	100		57673 +	.03/.06	XX .14	.040	.046	41	5	3	13	0	6	18	0	100	1				Tr	
				10	100		57674	.12/.05				43	3	14	11	0	19	17	40	60	1			.5		
240	SK																									
	GR			13	100		57675 +	.04/.05	.12	.029	.035	44	4	5	8	0	11	17	20	80	1			.5	Tr	
	85 HO 15 SK			4	100		57676	.07/.05				41	4	10	11	0	1	22	5	95	1			1	Tr	
244	GR SK																									
	60 LT 25 HO 15 SK			4	100		57677 +	.10/.06	.13	.052	.058	62	7	18	16	0	1	23	5	95	.5			Tr	Tr	.5
	GR			5	100		57678	.10/.06				37	2	6	15	1	6	15	10	90	1				Tr	
248				7	100		57679	.14/.04	.12	.040	.047	41	1	3	10	0	3	17	70	30	Tr	Tr		Tr	1	Tr
	75 HO 25 SK			4	100			.09/.02	XX	XX		30	2	5	2	0	0	12	0	100	Tr	Tr			1	
250.9																										

NOTES

224.2 - 239.6 QFP in places APL + mg GR
224.2 - 225.2 QFP weak pervasive ser. alt con 75°
224.7 - 225.1 3cm black mo-calc-py vn 5°
225.2 - 227.6 QFP pervasive chl alt ser en on FF
226.8 3cm Frag of HO 227.6-228.2 QFP ẅ pervasive ser alt. 228.2 - 231.4 QFP ẅ APL - F.g GR
pervasive chl alt ẅ ser en on FF
231.4 - 232.1 perv ser alt APL - sparse porphyry
232.1 - 235.6 F-m.g. GR ẅ a Few g-Feld phenos
perv chl alt some Fresh bio ser en on FF minor diss gt
235.6 - 236.2 QFP perv. chl alt scn en on FF diss gt
236.2 - 236.4 APL ẅ perv. ser. alt 75°
236.4 - 238.7 QFP ẅ APL + F.g. GR.
perv. chl. alt, minor ser on en diss. gt.
237 - 237.2 2cm lt gr APL ẅ F.g. bio 20°
237.6 - 237.7 2 - 5cm Frags of HO rich in bio.
238.7 - 239.2 m.g GR 239.2 - 239.6 APL - F.g GR.
239.4 - 239.5 px SK Frag ẅ diss perv - sch.
239.6 - 240.3 cbx px SK ẅ chl en 60% is calcified
239.7 - 240.2 calcified + calc FF 239.8 6cm APL
ẅ apple green patches chl on Feld.
240.3 - 242.0 m-c.g GR ẅ patches APL + PEG con 70°
241.1 - 241.3 PEG ẅ ser alt of feld.
241.3 - 241.4 APL
242.0 - 243.1 15% px SK 85% HO gone to chl ẅ biot en on FF
242.2 3cm APL 55° 242.7 - 243 px SK ẅ 5% bio +15% chl
243.1 - 244 65% m.g. GR. 35% px SK
243.1 - 243.6 mg GR 76° 243.6 - 244.0 px SK
243.9 - 244.0 GR cont @ 0°
244 - 246 25% HO, 10% px SK 60% LT 5% G

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AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78- 17
SHEET 8 OF 8
cont.

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Px	Garnet	Fluor.		

NOTES

244 – 244.1 px SK 244.1 – 244.9 LT 244.9 – 245 HO
245 – 245.5 LT 10% gt FF 245.5 – 246.1 35% HO 5% px SK
60% LT
[246.1 – 248.8] fg – c.g. GR diss gt ω 10% HO
246.1 – 247.8 f – cg GR 247.2 – 247.7 good ser alt.
247.6 – 247.8 50% HO, 50% GR.
247.8 – 247.9 HO 247.9 – 248.8 f – c.g. GR.
[248.8 – 250.9] 25% px SK 75% HO diss po
248.8 – 249.1 HO 249.1 – 249.4 px SK ω diss pow-sch
249.4 – 250.1 HO 250.1 – 250.3 px SK
250.3 – 250.7 HO 250.7 – 250.9 50% px SK 50% HO

END.

091101

DIAMOND DRILL RECORD - LOGTUNG

Hole Number	LT78-22	Co-ordinates	54950 N
			4543 E
		Collar Elevation	1492 m
		Total Depth	182.9 m
		Depth Casing	6.1 m
		Depth Overburden	6.1 m
		Core Size	NQ
		Bearing at Collar	137°
		Dip at Collar	-69°
		Commenced Drilling	Aug 5/78
		Completed Drilling	Aug 9/78
		Section	535NE
		Logged By	F. Harris
		Drilling Contractor	E.Caron Diamond Drilling

SURVEY SUMMARY

Depth	Dip	Bearing	Method
175m	-69°	137°	Sperry Sun

PERTINENT ASSAY DATA

Interval	WO_3 %

PERTINENT GEOLOGY

Interval	Rock Type or Structure

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-22

SHEET 1 OF 6

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Cp Sph	Fluor.	Po	cp
0																									
1.8																									
3.6							58159 +																		
4																									
6.1							58160																		
8				35	90		58161 +	.00+ / .00+	.03	.006	.007	7	—	—	—	—	—	5	—	—	tr	—	—	—	tr	—
				30	100		58162	.00+ / .00+				14	—	—	—	—	1	8	—	—	tr	—	—		tr	—
12				12	100		58163 +	.00+ / .00+	.02	.004	.005	12	2	—	1	1	—	4	—	100	tr	tr	tr	tr	.5	—
				16	100		58164	.00+ / .00+				10	1	—	—	1	—	5	0	100	tr	—	—	—	tr	—
16				15	100		58165 +	.03 / .00+	.05	.007	.008	11	3	—	—	—	2	4	0	100	tr	—	—	—	tr	—
				15	100		58166	.03 / .00+				8	3	—	1	1	1	2	0	100	tr	tr	—	—	.1	—
20	or			9	100		58167 +	.03 / .00X	.02	.002	.003	12	2	1	—	—	—	4	0	100	tr	tr	—	—	.1	—
				25	100		58168	.04 / .00X				12	6	1	2	4	—	3	0	100	tr	tr	—	tr	.1	—
24				9	100		58169 +	.04 / .00X	.06	.020	.021	10	6	1	1	1	—	6	0	100	tr	tr	—	—	tr	—
				9	100		58170	.02 / .00X				18	1	1	2	—	—	7	0	100	tr	tr	—	—	tr	—
28				11	100		58171 +	.02 / .00X	.02	.006	.007	9	3	1	—	—	—	7	0	100	tr	tr	—	—	tr	—
				15	100		58172	.02 / .00X				12	2	—	—	—	—	8	0	100	tr	tr	—	—	tr	—
32							58173 +	.02 / .00X	.01	.006	.007	13	1	—	1	—	1	7	0	100	tr	tr	—	—	tr	—

NOTES

Hammer to 6.1

6.1 – 182.9 massive m.g. DI colour index ~70, ~50% amph. 20% bio ŵ ff of po & tr Cp. @ 20.4 qtz-py un @ 10° Note – py-scr uns in DI are mainly po-py-cp ff

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-22
SHEET 2 OF 6

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY.	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	Sphalerite	Fluor.	Po	cp	NOTES
32																											
				10	100		58174	.02 / .00X				17	2	—	—	—	2	6	0	100	tr	tr	—	—	tr	1%	Cont. DI
				9	100		58175 +	.02 / .00X	.02	.011	.012	20	5	1	1	—	—	6	0	100	tr	tr	—	—	tr	tr	46-46.7 Large fg py-sch-mo vn @ 20°
36				7	100		58176	.01 / .00X				9	1	4	—	1	—	4	0	100	tr	tr	—	—	tr	—	
				15	100		58177 +	.00X / .00X	.02	.004	.005	17	1	2	—	—	—	8	0	100	tr	tr	—	—	tr	tr	
40				11	100		58178	.00X / .00X				13	3	—	1	—	2	8	0	100	tr	tr	—	—	tr	tr	
				17	100		58179 +	.00X / .00X	.05	.021	.022	21	1	—	1	—	3	8	0	100	tr	tr	—	—	tr	—	
44				20	100		58180	.03 / .00X				11	5	1	—	—	1	6	0	100	tr	tr	—	—	1	tr	
	OI			14	100		58181 +	.10 / .00X	.06	.031	.032	9	3	—	1	1	1	7	0	100	.5	tr	—	—	.5	tr	
48				13	100		58182	.01 / .00X				18	2	—	—	—	1	3	0	100	tr	tr	—	—	1	tr	
				10	100		58183 +	.01 / .00X	.03	.027	.028	10	1	—	—	—	—	7	0	100	.5	tr	—	tr	1	—	
52				9	100		58184	.00X / .00X	-			10	-	—	—	1	2	3	—	—	tr	tr	—	tr	1	—	
				21	100		58185 +	.00X / .00X	.10	.016	.017	12	1	—	1	1	8	4	—	100	tr	tr	—	—	.5	—	
56				16	100		58186	.04 / .00X				10	5	—	2	4	4	4	—	100	tr	tr	—	tr	1	—	
				9	100		58187 +	.04 / .00X	.05	.004	.005	7	5	1	—	2	—	3	—	100	tr	tr	—	tr	.5	—	
60				8	100		58188	.01 / .00X				7	3	—	—	1	—	4	—	100	tr	tr	—	tr	tr	—	
				8	100		58189 +	.01 /	.02	.004	.005	6	2	1	1	1	—	3	—	100	tr	tr	—	—	.5	—	
64																											

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-22
SHEET 3 OF 6

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Cp	Sph	Gahnite	Fluor.	Po	Ep	NOTES
64																												f-mg DI cont.
				7	100		58190	.00X / .00X				10	2	1	—	—	—	4	—	100	tr	tr	—	—	.5	—	
68				8	100		58191 +	.00X / .00X	.03	.009	.010	9	1	—	—	1	—	3	—	100	tr	tr	—	tr	.5	—	
				12	100		58192	.00X / .00X				6	—	4	—	—	6	2	—	100	tr	tr	—	—	tr	—	
72				7	100		58193 +	.00X / .00X	.02	.007	.008	7	1	1	2	—	—	5	—	100	tr	tr	—	—	.5	—	
				6	100		58194	.00X / .00X				11	1	—	—	—	—	5	—	100	tr	tr	—	—	.5	—	
76				6	100		58195 +	.00X / .00X	.03	.007	.008	13	1	—	—	—	4	6	—	100	tr	tr	—	tr	.1	—	
				8	100		58196	.00X / .00X				6	2	—	—	—	2	2	—	100	tr	tr	—	—	.5	—	
80	DI			8	100		58197 +	.02 / .00X	.03	.009	.010	12	4	1	—	1	—	4	—	100	tr	tr	—	—	.5	—	
				11	100		58198	.00X / .00X				9	1	—	1	1	—	5	—	100	tr	tr	—	tr	1	—	
84				13	100		58199 +	.00X / .00X	.02	.006	.007	10	1	1	2	—	7	3	—	100	tr	tr	—	—	.5	—	
				8	100		58200	.00X / .00X				9	1	—	—	—	1	7	—	100	tr	tr	—	—	.5	—	
88				9	100		58201 +	.00X / .00X	.03	.027	.028	12	—	2	—	—	—	8	—	100	tr	tr	—	—	1	—	
				12	100		58202	.00X / .00X				12	2	1	2	3	5	4	—	100	tr	tr	—	tr	1	—	
92				7	100		58203 +	.00X / .00X	.02	.019	.020	5	1	0	1	—	—	5	—	100	tr	tr	—	—	.5	—	
				9	100		58204	.00X / .00X				15	3	0	2	—	—	7	—	100	tr	tr	—	—	.5	—	
96				14	100		58205 +	.01 / .01	.04	.020	.021	13	2	—	1	1	—	4	—	100	tr	tr	—	tr	1	—	

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-22
SHEET 4 OF 6

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Cp	Sph	Fluor.	Po	Ep	NOTES
96																											Cont. DI
				5	100		58206	.03 / .00X				3	4	2	1	1	—	7	—	100	tr	tr	—	tr	1	—	
100				9	100		58207 +	.01 / .00X	.02	.006	.007	21	3	—	—	1	—	5	—	100	tr	tr	—	tr	2	tr	108.9 4cm cal bx w/ mo vn on one side
				7	100		58208	.00X / .00X				11	0	1	—	—	—	—	—	100	tr	—	—	—	1	—	DI bleached lt green for 10 cm either side
104				8	100		58209 +	.00X / .03	.01	.049	.050	13	0	2	1	—	2	6	—	100	tr	tr	—	—	1	—	104.5 - 106.2 6- cal bx zones w/ bleached DI on either side Mo usually in calc bx
				11	100		58210	.00X / .02				18	—	—	2	—	14	3	—	—	tr	tr	—	—	.5	tr	Note: many vns have a salvage of bio
108			AAA AAA	12	160		58211 +	.00X / .02	.03	.020	.021	27	—	1	2	—	24	—	—	100	tr	—	—	—	.5	—	
			AAA	9	100		58212	.00X / .03				10	1	—	2	1	6	4	—	100	tr	tr	—	—	2	tr	
				12	100		58213 +	.00X /	.04	.009	.010	9	—	1	—	—	2	3	—	100	tr	tr	—	—	1	—	
112	DI			10	100		58214	.02 / .01				9	3	1	1	1	5	4	—	100	tr	tr	—	tr	1	—	
				7	100		58215 +	.01 / .00X	.04	.009	.010	10	4	1	2	1	1	2	—	100	tr	tr	—	tr	1	—	
116				6	100		58216	.01 / .00X				10	2	—	—	—	—	5	—	100	tr	tr	—	—	.5	—	
				15	100		58217 +	.01 / .01	.03	.006	.008	13	—	3	2	1	6	2	—	100	tr	tr	—	—	.5	—	
120				5	100		58218	.01 / .00X				14	2	—	—	—	2	1	—	100	tr	tr	—	—	1	—	
				7	100		58219 +	.01 /	.02	.002	.003	14	1	—	—	—	—	2	—	100	tr	tr	—	—	1	—	
124				6			58220	.05 /				10	6	—	1	1	—	4	—	100	tr	tr	—	tr	1	—	
				7			58221 +	.01 /	.03	.005	.006	6	2	—	1	—	1	2	—	100	tr	tr	—	—	1	—	
128																											

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-22
SHEET 5 OF 6

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Cp	Sph	Fluor.	Po	Ep
128																										
				6	100		58222	.01 / .00X				10	1	1	1	1	—	1	—	100	tr	tr	—	—	.5	—
				6	100		58223 +	.00X / .00X	.02	.005	.006	10	1	1	2	1	—	2	—	100	tr	tr	—	—	.5	—
132				8	100		58224	.01 / .00X				11	2	1	—	—	1	2	—	100	tr	tr	—	—	.5	—
				6	100		58225 +	.01 / .00X	.08	.004	.006	20	3	1	1	—	—	8	—	100	tr	tr	—	—	1	—
136				9	100		58226	.10 / .00X				12	4	2	—	2	2	3	—	100	tr	tr	—	tr	1	—
				12	100		58227 +	.06 / .04	.06	.021	.022	18	5	3	2	—	9	5	—	100	tr	tr	—	—	.5	—
140				7	100		58228	.08 / .05				6	5	2	2	—	—	—	—	100	tr	tr	—	tr	1	—
				8	100		58229 +	.02 /	.05	.005	.006	9	—	2	—	—	—	3	—	100	tr	tr	—	—	.5	—
144	DI			6	100		58230	.03 / .01				10	2	1	1	3	—	2	—	100	1	tr	—	tr	.5	—
				6	100		58231 +	.04 / .00X	.05	.011	.012	11	6	—	—	1	—	6	—	100	tr	tr	—	tr	.5	—
148				9	100		58232	.04 / .00X				9	4	2	1	—	1	4	—	100	tr	tr	—	—	.5	—
				12	100		58233 +	.04 / .00X	.06	.017	.018	10	2	1	1	1	—	5	—	100	tr	tr	—	tr	1	—
152				25	100		58234	.03 / .00X				8	3	1	1	1	—	1	—	100	tr	tr	—	1	1	—
				15	100		58235 +	.00X / .00X	.03	.005	.006	6	—	—	—	2	—	2	—	—	tr	tr	—	.5	.5	—
156				10	100		58236	.01 / .00X				12	1	1	—	—	—	8	—	100	tr	tr	—	—	1	—
				30	100		58237 +	.02 / .08	.08	.031	.032	15	3	1	3	—	9	9	—	100	.5	tr	—	—	1	—
160																										

NOTES

cont DI

141.2 2cm q-py vn ŵ tr cosalite, py, mo fl, ~5cm bio en on either side

159- 2cm fault gouge ŵ diss mo, calc cement.

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-22
SHEET 6 OF 6

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	Cp	Sph	Fluor.	Po	Ep
160																										
				8	100		58238	.07 / .00X				10	3	—	1	3	—	5	—	100	1	tr	—	.5	1	—
				6	100		58239 +	.07 / .00X	.14	.017	.018	11	4	—	1	3	1	4	—	100	.5	tr	—	.5	.5	—
164				8	100		58240	.01 / .00X				13	2	—	—	2	—	4	—	100	tr	tr	—	tr	.5	—
				10	100		58241 +	.04 /	.02	.006	.007	9	—	4	—	—	—	6	—	100	tr	tr	—	—	.5	—
168	DI			7	100		58242	.01 / .00X				12	—	2	—	—	—	4	—	100	tr	tr	—	—	.5	—
				7	100		58243 +	.01 / .01	.02	.004	.005	7	3	—	1	—	—	7	—	100	tr	tr	—	—	.5	—
172				6	100		58244	.01 /				14	3	—	1	—	—	4	—	100	tr	tr	—	—	1	—
				20	100		58245 +	.02 /	.04	.010	.011	10	3	—	—	1	6	5	—	100	tr	tr	—	tr	.5	—
176				9	100		58246	.01 /				7	2	—	—	1	1	5	—	100	tr	tr	—	—	.5	—
				17	100		58247 +	.03 /	.04	.024	.027	6	3	—	—	1	2	2	—	100	tr	tr	—	—	1	—
180			Fault				58248	.02 /																		
				13	100		58249					12	3	—	2	1	2	9	—	100	tr	tr	—	—	.5	—
				2	100			.03 /	.03	.002	.003	5	1	—	—	—	—	3	—	100	tr	tr	—	—	tr	—
184																										
188																										
192																										

NOTES

cont DI

174.5 calc fracture zone 20cm wide

180.4 4cm calc cemented fault by 60 mo.

End of Hole 182.9

DD-13

091101

DIAMOND DRILL RECORD - LOGTUNG

Hole Number 24

Co-ordinates N 6654945.94
E 354699.90

Collar Elevation 1529.42m.

Total Depth 236.2 m

Depth Casing 6.1 m

Depth Overburden 6.1 m

Core Size NQ

Bearing at Collar 133° Azm

Dip at Collar -69°

Commenced Drilling Aug 10, 1978

Completed Drilling Aug 19, 1978

Section

Logged By W.R. Clark.

Drilling Contractor E.Caron Diamond Drilling

SURVEY SUMMARY

Depth	Dip	Bearing	Method
Surface	-69°	Azm 133°	compass
233.2m	-69°	Azm 121°	Sperry Sun single shot

PERTINENT ASSAY DATA

Interval	WO_3 %

PERTINENT GEOLOGY

Interval	Rock Type or Structure

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AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-24
SHEET 1 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3/MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	[illegible]	Fluor.	po	cp
							58385 + 58386 (3.0-4.9 m)		.04	.009	.013															
							58387		.06	.022	.026															
8	DI			12	65		58388	.06/.02				16	2	1	2	0	2	4	0	100	1			tr	2	.5
				9	85		58389 + 58390	.09/.03	.21	.043	.046	18	6	4	4	1	1	7	10	90	1			.5	2	tr
				13	100			.06/.01				24	3	4	3	0	3	5	0	100	1			.5	2	
12				11	100		58391 + 58392	.06/.01	.14	.042	.045	21	4	1	2	0	2	10	5	95	1				2	
				12	100			.13/.01				22	4	7	1	2	5	12	15	85	4	tr		3	1	
16				16	100		58393 + 58394	.06/tr	.08	.024	.026	25	5	1	1	0	10	10	0	100	1			.5	2	
				14	100			.05/.03				31	2	4	3	1	11	11	0	100	1.5			tr	2	
20				12	100		58395 + 58396	.07/.02	.07	.028	.029	22	2	3	3	1	7	12	5	95	1	tr		tr	3	tr
				13	100			.06/.03				28	5	3	5	0	11	16	0	100	2			.5	2	tr
24				19	90		58397 + 58398	.05/.03	.04	.027	.030	31	5	6	6	0	16	8	0	100	3				tr	
	DI			14	100			.04/.05				41	3	2	9	1	25	7	0	100	2			tr	tr	
28				16	95		58399 + 58400	.04/.06	.04	.022	.024	33	1	1	11	0	14	7	0	100	2			tr	tr	
	DI		AA																							
32	DI		AA	17	100			.05/.02				40	2	3	5	1	14	11	0	100	2			tr	1	

NOTES

6.1-23.2 chl alt m.g DI w diss po minor secondary bio diss as en
8.0-8.5 2-1cm q-py-po-sch-cp vns 5°
9.8-10.0 q vn 20° w 15% px 10.8 end of intense lim-mn on F
14.8-15.4 1.5cm q-py-Fl-Feld-calc-sch vn 5° 2cm bio en
15.6-15.8 1cm Fel-q-Fl-sch-po vn 5° 1cm bio en
16.2 4cm GD ? 25°
19.0 1cm q-po-mo-calc vn 45°
19.5-20.2 1cm q-py-po-mo vn 0° DI silicified w 5% po

23.2-30.0 m.g chl alt DI calcified w minor diss po
some calcified DI looks like GD
24.5-24.6 1cm R@ 0°
25.2-25.7 lim stained fault

30.6-31.0 bx cacified in DI
30.0-30.2 bx Fault .5 to 2cm Frag 15°
30.2-31.0 bx .5-6cm Frags.

31.0-78.9 m.g. chl alt DI w minor diss po & secondary bio
31.6-31.7 1cm q-po-cp-py-Feld-sch vn 15°

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-24

SHEET 2 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	sph	Fluor.	po	cp
32				16	100		58401 + 58402	.06/.07	.08	.025	.027	40	4	5	3	0	19	11	0	100	1.5			tr	1.5	
				16	70			.06/.03				22	3	4	5	0	9	10	0	100	1.5			tr	1.5	
36				13	100		58403 + 58404	.05/.01	.05	.010	.012	36	3	4	2	0	19	7	0	100	.5				2	
				23	105			.04/.02				33	2	4	4	1	18	5	0	100	.5			.5	2	
40				17	105		58405 + 58406	.04/tr	.05	.011	.013	47	4	2	0	0	29	9	0	100	.5				1.5	
				23	100			.03/.01				27	3	0	1	0	15	6	0	100	1			tr	1.5	
44				19	100		58407 + 58408	.04/.01	.05	.016	.017	26	4	4	2	0	13	11	0	100	.5			tr	1.5	
				12	100			.03/.01				47	2	1	2	0	30	11	30	70	1			tr	1	tr
48				11	100		58409 + 58410	.05/.04	.06	.032	.033	33	3	2	3	2	17	4	0	100	1	.5	tr	2	4	
				14	100			.08/.01				21	4	6	2	1	9	8	10	90	1	tr		.5	1	
52				12	110		58411 + 58412	.07/.01	.10	.009	.010	23	6	3	1	1	3	10	0	100	.5	tr		.5	2	
				9	100			.07/tr				31	8	3	1	0	1	15	0	100	1.5	tr			1.5	.5
56				9	90		58413 + 58414	.05/.02	.05	.006	.007	22	5	3	3	0	6	6	0	100	1.5			.5	1.5	.5
				5	100			.05/tr				25	4	5	0	0	4	7	0	100	1			tr	1.5	.5
60				10	100		58415 + 58416	.05/.03	.09	.040	.042	29	3	6	4	1	21	6	0	100	.5			tr	1.5	tr
64				10	100			.09/.03				33	2	8	7	1	27	6	0	100	.5			.5	1	

NOTES

31.7 - 32.9 50% calcified
33.4 2cm q vn 50°
34.2 - 35.1 calcified
34.0 - 36.0 poor recovery due to poor footage blocks
39.7 - 39.9 q-fel-fl-po-py vn 90°
42.1 - 42.5 calcified
47.1 - 48.4 30% calcified on on calc FF
48.7 - 49.3 1.5cm q-fl-po-cp-py-calc-bismuthinite vn 5°
49.5 - 50.1 3cm q-fl-po-mo-cp-sch-calc-py-sph vn 0°
50.6 - 50.1 2cm calc-fl vn 0°
53.3 - 53.4 3cm q-fel vn 30° ω 2cm silicified en
53.5 - 53.6 2cm q-py-po-fel-calc-fl-sch-beryl vn 20°
61.2 - 61.5 2cm q-mo vn 10°
62.3 - 62.6 calcified Fault @ 45°
63.1 - 63.4 2cm qvn 5° end of lim on f
63.6 - 64.4 1cm q-calc sch-fl vn 0°
63.7 - 64.1 2cm qvn 5°.

DD-13

AMAX POTASH LIMITED

LOGTUNG PROJECT

D.D.H. LT-78-24

SHEET 3 OF 8

DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	sph	Fluor.	po	cp
64				11	90		58417 + 58418	.09/.03	.11	.019	.020	20	5	4	5	1	4	8	0	100	1	tr		1	2	.5
				6	100			.04/.01				27	4	3	2	0	2	9	0	100	.5	tr			2	tr
68				10	90		58419 + 58420	.06/.01	.09	.006	.008	16	3	4	2	0	2	8	0	100	.5			tr	1.5	tr
	DI			13	115			.06/.01				30	6	0	1	2	5	14	0	100	1	.5		.5	2.5	.5
72				7	85		58421 + 58422	.09/.01	.08	.011	.012	22	2	7	2	0	3	9	0	100	.5			.5	2	tr
				13	105			.09/.02				20	5	2	3	1	5	13	0	100	3	tr		.5	1.5	.5
76				19	105		58423 + 58424	.09/.02	.10	.049	.050	25	5	3	3	1	9	14	0	100	2	tr		1	2	1
		AD		15	105			.07/.02				30	5	3	3	0	16	10	5	95	1.5			.5	1.5	
80				10	75		58425 + 58426	.07/.02	.08	.030	.031	29	3	2	3	0	15	9	0	100	1.5	tr		tr	2	
				13	95			.06/tr				27	5	2	1	0	15	12	0	100	1.5			tr	1	
84	DI			17	105		58427 + 58428	.05/.01	.05	.016	.015	31	4	3	1	0	12	7	0	100	1				.5	.5
		AD		13	100			.04/.01				23	4	1	2	2	14	6	0	100	1.5	tr		.5	1	tr
88				13	95		58429 + 58430	.07/.02	.10	.011	.012	26	6	2	3	1	8	6	0	100	1			tr	1	
				6	100			.05/tr				22	4	4	1	1	5	12	0	100	2			.5	1	
92	DI			9	95		58431 + 58432	.02/tr	.05	.013	.014	22	2	0	1	1	7	10	0	100	1	tr		.5	2	
				9	105			.04/tr				25	5	2	1	0	4	6	0	100	tr	tr			1	
96																										

NOTES

65.3-65.5 calcified
67.4-67.5 qvn 20° @ silicified en
71.0 5mm q-calc-po-cp-beryl-sch-Fl vn 5°
71.2-71.6 5mm q-po-Fl-calc-sch-cp-py vn 0°
72.7-72.8 silicified
74.1-74.5 3cm q-py-po-beryl-calc-Fl-sch-cp vn 5°
75.5-75.6 2cm q vn 35° @ silicified en.
76.8-77.2 1cm q-py-Fl-cp-sch-Fl-ga-cp-po-sph vn 0°
77.3 4cm calc vn 80° @ 4cm calc vn
77.4-77.6 3cm q-mo-po-py vn 25°
78.9-89.0 chl alt mg DI @ minor diss po + weakly calcified fault zone.
78.9-79.1 calcified fault
80.1 1cm q-po-calc-sch-mo-Fl vn 40°
76.2-76.4 1cm q-calc-Fl-py-po-cp vn 10°
86.8 3cm q-py-Fl-beryl-sch vn 15°
86.9 4cm calc bx vn 80°

89.0-122.0 chl alt mg DI @ diss po + minor bio en vn en.
89.0-90.0 50% calcified 87.7 1cm q-calc-fel-sch-Fl vn 20
91.3-91.4 (2) 5mm q-calc-Fl-py-po-sch-fel vn 20°
92.4-92.6 massive f.g DI 20°
93.0-93.3 2cm q-calc-po-fel-Fl-sch-py-cp vn 15°

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3/MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	sph	Fluor.	po	cp
96																										
				9	100		58433 + 58434	.12/.16 .06/.03	.18	.203	.204	15 22	4 3	1 1	2 4	1 2	3 7	6 9	0 0	100 100	3 1	.5 1		2 1	2 2	tr
100				12	100																					
				9	100		58435 + 58436	.10/.02 .09/.03	.11	.055	.056	15 12	6 3	2 0	5 5	1 1	7 2	9 8	0 0	100 100	2 2	tr tr		.5 1	1 1	
104				10	100																					
				12	100		58437 + 58438	.09/.02 .06/.01	.13	.054	.055	21 16	5 3	3 2	3 1	1 1	1 2	8 10	0 0	100 100	1.5 1	tr tr		1.5 tr	1.5 2	
108	DI			13	75																					
				14	105		58439 + 58440	.08/.02 .08/.09	.09	.082	.083	24 23	6 6	4 2	2 4	1 1	4 5	12 10	0 0	100 100	2 1	tr tr		tr .5	1.5 1	
112		AA		5	105																					
				11	105		58441 + 58442	.06/.01 .06/.01	.08	.021	.022	43 25	5 6	3 2	2 2	0 1	21 12	6 8	0 0	100 100	1.5 1.5			tr 1	1 .5	
116				14	100																					
				10	100		58443 + 58444	.11/.02 .05/.01	.08	.021	.022	21 26	3 6	1 1	1 3	2 0	2 5	6 10	0 0	100 100	2 2	tr		2 .5	1.5 .5	
120				10	100																					
				10	100		58445 + 58446	.06/.02 .07/.03	.08	.023	.024	25 23	5 5	1 5	3 5	0 0	8 1	10 13	0 5	100 95	1.5 1.5	tr		tr tr	1.5 1.5	
124	Silic DI			14	95																					
				15	100		58447 + 58448	.07/.05 .06/.03	.11	.029	.030	25 25	5 7	3 2	10 6	1 0	8 7	10 9	0 0	100 100	1.5 1	tr		.5 tr	1.5 tr	
128																										

NOTES

97.2-98.7 2cm q-py-calc-po-Fl-cp-mo-Fel-sch vn 0°
98.1-98.3 2cm q-py-Fl-cp-calc-sch-po vn 10°
99.1-99.5 50% silicified as en en ff.
100.3-100.7 3cm q-py-Fl-Fel-calc-sch vn 0°
101.3 2cm q vn 25°
101.7 1cm q-Fl-py-beryl-calc-mo-sch-cp-po vn 5°
103.2-104.8 3cm q-Fel-Fl-py-po-cp-sch-mo-beryl vn 0°
106.1-106.4 2cm q-po-Fl-sch-mo-py vn 0° concloss due to unlocked to
107.9-108.1 3cm q vn 20°
108.6-109.1 1cm q-Fel-Fl-py-po-sch-mo-calc-cp vn 5°
111.6-112.0 1cm q-Fl-Fel-py-po-mo-sch-calc vn 0°
112.2-112.4 calcified q-calc healed fault? 70°
112.6-112.7 calcified + silicified.
115.0-115.2 2cm q-calc-py-Fl-calc-Fel-mo-sch vn 5°
116.6-117.4 (2) 1.5cm q-Fel-Fl-calc-py-po-sch-cp-mo vns 0°
120.1-120.7 calcified @ calc FF 65°
121.7-121.9 15mm cg GR 0°
122.0-127.5 Intensely silicified m.g. DI
122.0-122.8 70% Intensely silicified mg DI 30% chl alt mg DI
122.8-127.3 Intensely silicified mg DI
125.4-125.6 15mm q-py-po-cp-Fl-Fel-calc-sch vn 10°
125.5-125.6 2cm silicified GD? 0°
127.3-127.5 Intensly silicified DI? or LT?
127.5-130.4 Intensly silicified HO, LT + DI?
127.5-128.2 LT ± intensly alt DI.

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	sph	Fluor.	po	cp	NOTES
				10	100		58449 + 58450	.06/.01	.06	.026	.027	38	5	1	3	1	18	7	0	100	1	tr		1	1		128.2-130.4 cbx LT & HO Intensly silicified 128.3-128.5 calcified 128.6-129.1 15mm q-py-chl-fl-calc-po-cp-sch vn 0° 130.3-130.4 2cm q-py-chl-po-fl-sch vn 35°
				15	100			.06/.02				31	6	2	4	1	4	9	0	100	1	tr		tr	1.5		130.4-132.6 Silicified DI 130.4-132.0 Silicified DI or LT ⇄ mine HO 132.0-132.6 silicified DI
132				13	100		58451 + 58452	.08/.02	.10	.034	.035	31	7	1	4	0	5	12	0	100	1	tr		tr	1		132.6-136.4 cbx 70% silicified HO 20% LT 10% LT or alt DI? 132.6-133.5 silicified HO ⇄ chl cbx 133.5-134.1 LT or alt DI 70°
				13	100			.06/.01				24	5	1	2	1	8	9	40	60	2	tr		.5	1	tr	134.1-134.8 LT cbx 134.8-136.4 HO ⇄ 10% LT
136				10	100		58453 + 58454	.05/.03	.05	.037	.038	30	5	0	6	0	9	6	5	95	.5	tr		tr	1.5		135.0-135.1 calcified 135.2-135.5 2cm q-calc-py-fl-po-cp-mo-sch vn 5° 135.7-135.9 LT · 10% APL cbx 136.2-136.4 calcified
				10	90			.05/.01				23	5	0	3	0	3	9	0	100	1	tr		tr	1		136.4-139.4 silicified mg DI, GD 136.4-137.3 mg DI to GD 137.3-138.2 Intensely silicified DI 138.2-139.1 E.g. chl alt DI
140				7	100		58455 + 58456	.06/.04	.03	.024	.024	28	5	0	8	0	6	6	0	100	.5			tr	2		139.1-139.4 Silicified DI 139.4-143.5 60% silicified mg DI 50% LT-HO (Poor Footage blocks) 139.4-140.2 75% LT 25% HO to ltgr HO 140.2-142.0 silicified DI 50° con
				7	100			.09/.05				29	3	0	10	0	4	12	0	100	.5			tr	2	tr	142.0-143.1 25% LT 75% ltgr HO 143.1-143.5 silicified DI 45° con.
144				5	100		58457 + 58458	.09/.02	.05	.029	.030	30	3	3	3	0	3	7	0	100	1	tr		.5	2	.5	143.5-148.4 15% HO + ltgr HO 85% LT - px SK 143.5-144.2 10% LT 15% HO 75% ltgr HO 144.2-144.9 80% LT 20% ltgr HO
				6	100			.05/.02				24	9	1	3	1	1	6	5	95	1	tr		.5	2	tr	144.9-145.8 LT → px SK 145.8-146.6 90% LT 10% ltgr HO 146.0-147.5 LT - px SK 147.5-147.7 80% LT 20% ltgr HO 147.7-148.4 LT - px SK
148				10	105		58459 + 58460	.12/.03	.09	.038	.039	25	10	1	2	1	0	8	20	80	1.5	tr		1	2.5	.5	148.4-150.3 90% SK △, 10% chl alt DI · 148.4-148.8 px SK 148.8-149.5 SK △ 149.5-149.7 px SK △ 149.7-149.8 chl alt mg DI
				8	100			.08/.03				22	4	0	2	2	0	3	0	100	1	.5		2	3	tr	149.8-150.3 15% HO 30% px SK 55% LT 149.6-150.4 15mm q-po-fl-py-fel-sch-cp-fl vn 150.3-152.1 chl-bio alt mg DI — hornblendite
152				9	100		58461 + 58462	.06/.08	.17	.061	.062	24	4	2	4	1	1	8	0	100	1.5	tr		1.5	1.5		150.9 2cm APL 50° 151.7-152.7 3cm q-po-fel-sch-cp-fl-py-mo-chl vn 0° 152.1-155.7 10% SK △ 55% HO, 35% LT 153.8-153.9 HO
				7	105			.05/.03				29	3	5	7	0	0	9	10	90	1			tr	1	tr	145.5-145.8 SK △ 155.7-158.1 SK △ 156.7-157.1 SK △
156				7	100		58463 + 58464	.13/.02	.06	.031	.032	28	18	7	4	1	3	7	5	95	tr			tr	1	.5	158.1-161.5 cbx 20% LT 80% med gr HO 158.1-158.2 calcified 158.2-158.3 LT 160.0-161.5 50% calcified.
160				8	95			.05/.02				26	4	1	5	0	13	11	0	100	1			tr	1.5		

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	[illegible]	Fluor.	po	cp	NOTES
164	SK			15	105		58465 +	.05 / .04	.13	.038	.039	43	6	8	9	0	32	6	0	100	1			tr	.5		161.5-163.1 SK ◺ 162.1 1cm q-calc vn 50°
				9	90		58466	.06 / .01				23	8	7	2	0	6	6	0	100	.5			tr	.5	1	163.1-164.6 10% HO 10% px SK 80% med gr HO
																											164.6-167.2 SK ◺ 164.6-165.9 SK ◺
				12	100		58467 +	.09 / .02	.13	.014	.015	30	9	11	4	0	16	7	5	95	1.5			tr	.5	Tr	165.9-166.1 calcified ω calc FF 4cm bx at 166.0 70°
																											166.1-166.8 bleached SK ◺ 166.8-167.2 SK ◺
	SK		▲▼																								167.2-168.3 15% SK ◺ 85% LT
168				11	95		58468	.06 / .01				41	10	10	2	0	13	4	10	90	.5			tr	tr	.5	167.4-167.5 SK ◺ 167.6-167.8 SK ◺
																											168.3-171.6 15% HO, LT 85% SK ◺
				7	105		58469 +	.12 / .02	.10	.017	.018	30	8	9	2	1	4	7	0	100	1.5	tr		.5	1.5	Tr	168.3-169.7 SK ◺ 168.7-169.4 1cm q-fel-py-fl-po-mo-calc-cp-sch-cp vn 0°
				8	95		58470	.09 / .04				27	5	10	5	0	5	9	30	70	1.5			tr	.5	Tr	169.7-170.5 25% HO 75% LT 170.5-170.8 SK ◺
172																											170.8-171.6 bleached SK ◺
				8	95		58471 +	.05 / .01	.08	.023	.024	27	6	3	1	0	3	5	0	100	.5			tr	.5	.5	171.6-176.7 5% mid gr HO 5% px SK 5% SK ◺ 85% LT
																											171.6-172.0 HO To mid gr HO 172.2-172.3 10% HO, 90% SK ◺
				8	100		58472	.05 / .02				36	3	5	3	0	18	7	0	100	1			tr	tr	.5	172.3-172.4 px SK 173.0 10cm SK ◺ 173.3-173.7 75% LT 25% SK ◺
176																											175.5-176.0 calcified LT calc FF 70°
				13	105		58473 +	.05 / .04	.12	.036	.037	39	5	3	6	1	27	17	10	90	2	tr		1	1	tr	176.7-184.0 80% LT 10% px SK 5% HO 5% SK ◺
																											176.7-176.9 px SK ω diss po+py 176.9-176.95 LT 176.95-177.1 px SK ◺
				10	105		58474	.06 / .03				29	9	1	4	1	10	9	10	90	1.5	tr		tr	1.5	tr	177.1-178.4 15% HO 85% LT 15% calcified
180																											177.3-177.5 q-fel-fl-py-chl-po-cp-calc-sch-vn 5° 177.5-177.6 px SK ◺
				6	95		58475 +	.08 / tr	.09	.119	.120	21	6	4	1	0	4	6	10	90	.5	tr		.5	1	.5	177.6-179.5 LT ω 10% mid gr HO 179.5-179.7 SK ◺
																											ω 1cm q-fel-po-py-fl-chl-sch-cp vn 5° 179.7-179.9 LT 179.9-180.1 px SK
				10	90		58476	.05 / .03				28	4	2	6	0	7	7	0	100	1	tr		tr	1.5	.5	180.1-181.0 LT ω 5% mid gr HO 181.0-182.0 30% SK ◺ 70% LT
184																											182.0-184.0 LT ω 5% gt
	SK			16	115		58477 +	.05 / .02	.16	.053	.054	31	10	2	2	1	9	13	5	95	1.5	tr		.5	1.5	1	184.0-186.3 SK ◺ 184.6-185.1 5mm q-fel-po-py-calc-fl-sch-cp vn 0°
																											186.3-190.4 95% LT 5% SK ◺ 186.3-186.4 1cm calc vn ω calc en 70
				12	100		58478	.05 / .02				30	9	0	3	0	11	7	0	100	.5			tr	1	1	188.4-189.1 25% SK ◺ 75% LT
188																											190.0 4 cm q-fl-fel-mo vn 15°
				8	105		58479 +	.07 / .03	.11	.035	.036	37	12	4	5	1	13	11	10	90	.5	tr		tr	1	1	190.2-190.7 2cm q-po-mo-py-cp-cp-sph vn 5°
																											190.8-200.3 55% SK ◺ 35% SK ◺ 10% ltgr HO+LT
																											190.8-191.5 SK ◺ 191.0 3cm q vn 70°
192	SK TO LT			10	95		58480	.06 / .05				24	7	8	6	3	6	10	0	100	1.5	tr	tr	tr	2	tr	191.5-192.6 45% ltgr HO 55% LT
																											191.6-192.2 1cm q-po-fl-mo-fel-cp vn 0°

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	sph	Fluor.	po	cp
	40SK			13	95		58481 +	.04/.03	.11	.020	.021	40	3	4	5	0	11	18	0	100	tr	tr		tr	2	.5
196	10LT Ho			9	100		58482	.05/.05				39	7	4	9	0	3	19	0	100	tr	tr		tr	2	1
				9	100		58483 +	.06/.03	.16	.033	.034	36	9	2	6	0	4	12	0	100	1.5	tr	tr	t	1	1.5
200				8	100		58484	.07/.03				34	11	3	5	2	5	22	30	70	2	tr		.5	1.5	2
				12	95		58485 +	.05/.05	.06	.015	.016	44	8	0	10	0	14	16	0	100	2	tr	tr	.5	.5	.5
204	90HO 5LT			10	85		58486	.03/.02				42	3	0	4	0	11	15	0	100	1.5			tr	1.5	tr
				11	95		58487 +	.03/.03	.08	.057	.058	33	2	1	7	0	8	13	0	100	2			tr	1	tr
208		?		10	100		58488	.05/.07				35	7	3	11	1	4	15	20	80	1.5			tr	1	tr
				12	90		58489 +	.03/.02	.07	.019	.020	30	5	3	2	0	9	12	0	100	2			tr	1	tr
212	HO?			12	100		58490	.07/.03				26	7	7	7	1	14	13	0	100	1.5	tr		.5	1.5	
	70HO 30LT			16	120		58491 +	.04/.06	.08	.083	.085	36	5	1	8	0	21	12	0	100	2	tr		tr	.5	
216				7	95		58492	.05/.03				33	4	3	6	0	22	8	40	60	1.5			tr	tr	
	60SK 30LT			8	105		58493 +	.04/.04	.66	.169	.174	52	6	0	5	0	35	7	0	100	1	tr		.5	tr	
220	10HO	15°		16	105		58494	.12/.10				40	8	18	10	0	22	14	20	80	1	tr		.5	3	
				10	100		58495 +	.67/.65	.28	.130	.134	48	5	11	8	0	22	14	30	70	2			tr	1	.5
224	25HO 35SK			13	100		58496	.08/.12				49	7	2	14	1	32	18	0	100	1.5	tr		tr	1.5	

NOTES

192·6–193·8 5% SK △ 95% SK △ 193·8–194·1 SK △
194·1–194·4 SK △ 194·4–194·7 SK △ 194·7–197·1 SK △
197·1–197·6 SK △ 197·6–198·0 SK △ 198·0–200·2 SK △
198·2 1cm q-py-chl-po-cp vn 30°
199·7 q-po-fl-chl-py-ep-sch vn 35°
200·2–200·3 Fault & q-calc-chl vn 35°
[200·3–210·6] 95% mid gr HO 5% LT
200·3–202·0 weakly calcified 202·0–208·1 mid gr HO ā minor diss chl.
207·6–207·8 4cm q-mo-calc-py vn 20° 208·1–208·3 LT
208·3–210·6 mid gr HO ā minor diss chl.
[210·6–212·0] HO or f.g. DI ā bio. 10° con.
[212·0–215·0] 70% HO, 30% beached LT
212·0–213·1 HO 213·1–213·8 calc-bleached LT
213·8–215·0 midgr HO
[215·0–221·8] 10% midgr HO 30% bleached LT ā calc
60% SK △ 215·0–215·9 bleached calcified LT
215·9–216·1 SK △ 216·1–216·4 HO 216·4–216·8 bleached calc. HO
216·8–217·1 mid gr HO 217·1–217·9 bleached calc SK–LT
217·9–218·3 dark SK △ 1cm q-calc-fl-vn 0° ā mo en
218·3–218·8 SK. △ 121·8 –219·0 bleached SK △
219·0–219·4 dark calcified SK △ 219·4–219·7 calcified HO
219·7–220·7 SK △ 220·7–221·1 SK △ 221·1–221·8 bleached calc. LT
[221·8–227·8] 5% SK △ 10% HO 85% mid gr HO
221·8–222·6 calcified mid gr HO 222·6–224·4 HO
222·9–223·2 c.g sch in en on q vns.

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DEPTH METRES	1:200 GRAPHIC LOG: LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA: SAMPLE NO. AND INTERVAL	EST. WO_3 / MoS_2	% WO_3	% MoS_2	% TOTAL Mo AS MoS_2	VEINS: TOTAL	SCH.	POWEL.	MoS_2	LARGE QTZ-PY	CAL.	PY-SER	% MODE W: DISS.	VEIN	% MINERALS: Py	cp	Sph	Fluor.	po	ep
228				6	95		58497 + 58498	.03/.04	.07	.033	.035	36	4	0	8	1	15	13	0	100	2	Tr		Tr	.5	Tr
				8	100			.06/.04				35	8	4	8	0	13	8	5	95	1.5			Tr	.5	1
				14	100		58499 + 58500	.05/.02	.11	.011	.012	35	4	5	4	0	11	5	0	100	1.5			Tr	Tr	Tr
232				10	105			.06/.04				24	4	9	6	0	10	18	50	50	1.5			.5	1.5	
			20°	20	95		58501 + 58502	.006/.62	.09	.017	.018	41	6	2	3	1	32	8	0	100	2			Tr	1	
236.2			45°	27	110			.05/.03				49	9	2	6	0	19	12	0	100	2	Tr		Tr	1	Tr

NOTES

224.4-224.6 calcified HO 224.6-227.6 mid gr HO

224.9-225.3 5mm q-po-calc-fl+ep-fel-mo vn 5°

226.5 10 cm SK △ 227.6-227.8 HO

227.8-231.22 45% mid gr HO 30% LT to px SK 25% SK △

227.8-227.9 SK △ 227.9-228.1 SK △ 228.1-229.8 mid gr HO

229.8-230.1 LT to px SK 230.1-230.4 px SK △

230.4-230.8 LT to px SK △ 230.8-231.2 LT to px SK △

231.2-236.2 5% SK △ 95% mid gr HO 231.2 2cm calc vn 70°

231.2-231.3 calcified HO 233.3 4cm bx healed @ calc fg 70°

234.0-234.5 bx weakly calcified.