Table 9

Airborne TEMPEST

Targets - 2005

Id	Priority (1 high)	Easting	Northing	Comment	Action
na05_atem_1	1	319375	8637648	Strong basement conductor (xz) at edge of sandstone on NE fault and NW shear. Some Rab and a diamond hole 400 m away perhaps downgrades?	Look closely at RAB hole NASAB0608-10. No alteration mentioned in RAB. Fresh dolerite and sdst. However, RAB likely did not penetrate deep enough.
na05_atem_2	1	319758	8633695	Very strong x/z conductor > 100 mS/m at surface in area of cover with strong x/z tau anomaly (late time anomaly). No dol in this area, which upgrades prospectivity. No Rab in area so this could be done to confirm if related to alt/graphite.	Best diamond drill target
na05_atem_3	2	314495	8642385	Increased conductivity and abrupt change in elevation of the conductive unconformity below sandstone. Poorly defined since parallel to flight	Along strike from SMLB therefore prospective. Drill target?
na05_atem_4	2	316419	8635503	WE CDI shows dramatic change in cond u/c ind structure. Confluence of NS and ENE structure also good.	Have another look at the historical drillholes + visit? Strong bx, sher, he and cl alteration in logs.
na05_atem_5	2	316769	8636243	Cond U/c odd geometry/offset and inc cond (> 10 mS/m) may indicates alteration but dol is present. Unfortunaely sub parrallel to line.	Field check this sandstone. Possible transfer area of NE structure
na05_atem_6	2	315742	8635561	Strong x/z surface cond (> 100 mS/m) in cover/dol area may be dol related?? Close to S13	Possible drill area?
na05_atem_7	2	319389	8644595	Deep xz anomaly in area of cover with no know structure. Perhaps just graphitic lithology?	Possible RAB target but bear in mind deeper conductor potential?
na05_atem_8	2	322710	8633416	XCDI anomaly on two lines but very subtle (if present at all) in ZCDI. Possible basement cond.	Not spheric spike. Check how looks on the ground but no major structure present? Although could it be along strike from Nabarlek?
na05_atem_9	2	308985	8629377	Strong conductor at surface approximately 1 km wide. Lots of dolerite but why is this so conductive? Similar response to graphitic/amphibolitic zone around U19 to the NE.	Should RAB drill-test. Center is high z anomaly but to the east is highest x anomaly, which should be the main deeper target and on NS strucuture?
na05_atem_10	2	313367	8634112	Weak cond (20-30 mS/m) but strong z tau. Feature dipping towards E close to cond U/c. UU/Th high 200 m to NW	Possible drill target - check sandstone first.
na05_atem_11	2	314520	8633988	Strong Z cond and increased cond u/c cond in z comp. Possible dipping deep basement feature extending to the surface towards the west	200 m ne of existing drilling, which should be assessed. This would have to be a diamond hole but is worth considering.
na05_atem_12	2	312839	8634162	Med-Strong cond at the surface (> 100 mS/m). Perhaps this is alt of dol? An easterly dipping feature (structure/lith?) may be present (dol dips to west) in CDI and proximty to NANND0207 vein upgrades prospectivity. UU/Th high 200 m to E	Possible RAB drill test
na05_atem_13	2	326133	8632454	XZ Tau anomaly on edge of dolerite sill (Spencer Thrust). Possible WE breccias on SPOT 5??	Field check.
na05_atem_14	3	315120	8642499	X Tau anomaly but not Z. Variable cond below cond u/c may indicate structure with He similar to NASMD009	Field check and may warrant drill hole??
na05_atem_15	3	313220	8633456	Strong surface cond (> 100 mS/m) may relate to alteration of Zamu. Note - is this conductor identified by historical work???	* May not have been tested by existing RAB. Minor PY present in logs. 1m of gravel/sand cover, then micaceous schists or weathered amph.
na05_atem_16	3	310979	8635165	Late time x only anomaly on edge of sst on NS feature.	Hard to say if sheric or not. Have a look at sandstone.
na05_atem_17	3	320204	8631153	X anomaly with no Z anomaly on edge of sst, could be artefact. Not due to spherics.	Should field check.
na05_atem_18	3	320445	8632407	X anomaly with no Z anomaly but perhaps on two lines. Not due to spherics.	Should field check.
na05_atem_19	3	311290	8640550	Strong surface x/z anomaly with no rab drilling but dol may be present. Note inferred major fault from TEMPEST.	RAB drill test?
na05_atem_20	3	318079	8628527	Possible disruption of conductive u/c elev and increased conductivity on edge of Kyber Pass Fault	
na05_atem_21	3	315432	8628798	Possible conceptual target: Intersection of northerly trending graphitic structure (extending from north of Myra) and major WE fault. No specific CDI anomaly	How should this be rated?
na05_atem_22	3	314836	8634161	Possibly increased cond at cond u/c, some rotated bedding may be present. KP - is this just extension of the Zamu dolerite or a graphitic stratigraphy?	Field check
na05_atem_23	3	315376	8643829	X Tau anomaly but not Z. Variable cond below cond u/c may indicate structure with He similar to NASMD009	Field check and may warrant drill hole??
na05_atem_24	4	327392	8632756	KP - conductive layer at depth? that is continued to west.	
na05_atem_25	4	327115	8632956	KP - good evidence here for NW faults in sdst. Conduct UC changes depth.	
na05_atem_26	4	313441	8639764	Strong surface cond relates to Dol? Some RAB drilling therefore tested??	Check Rab at this area to explain conductor
na05_atem_27	4	311977	8633106	Weak conductor at depth = graphite??	
na05_atem_28	4	312538	8643376	Increased conductivity and abrupt / isolated change in elevation of the conductive unconformity below sandstone	
na05_atem_29	4	327745	8635759	Minor changes in conductive u/c elev and increased cond of cond u/c	
na05_atem_30	4	314733	8630974	Slight increase in conductivity of cond u/c	Is this worth looking at since close to S27?
na05_atem_31	4	325991	8634654	Some interesting geometry and inc weak cond (20-30 mS/m)? Need to look carefully at dol? Note proximal to U65.	
na05_atem_32	4	312891	8644760	Cond of cond u/c slightly increased (10-20 mS/m) on NW structure	
na05_atem_33	4	324927	8632756	KP - conductive layer at depth? that is continued to east.	
na05_atem_34	5	313789	8631625	Strong surface cond (> 100 mS/m). Some Rab at this location (and to the SW) could help resolve cond source??	Look at NAUAB1050 and NAUAB1051 since on strong anomaly. Do these explain strong conductive anomaly?? NOT AT ALL!! amphibolites - partly weathered.
na05_atem_35	5	312530	8633549	KP: Weakly conductive feature - gf layer? Extending three lines and to a depth of 200m.	
na05_atem_36	5	312551	8631019	Strong conductor at surface in an area of amphibolite and graphite, but within 200 m of existing RAB, therefore significantly down-graded.	Checked logs, graphite and pyrite present.
na05_atem_37	5	318020	8629309	No anomaly	No anomaly but should look closely at this drill hole. The Kyber Pass may intersect graphitic sequences and therefor represent a target to north and south? GF present in hole. But drilled elsewhere and found to be barren.
na05_atem_38	5	322375	8635382	Medium-Strong surface cond - could this be a good place to compare with drilling??	Compare EM with drilling. Note, no graphite loggged at this locale. A lot of clayey schists and minor amph in this locality. No GF/PY.
na05_atem_39	5	311901	8628298	Weak basement conductor (< 20 mS/m) may be ~ graphitic shear since similar to known TC occurance.	
na05_atem_40	5	315312	8627653	Weak basement conductor (< 20 mS/m) ~ graphitic shear.	
na05_atem_41	5	315667	8629004	Weak basement conductor (< 20 mS/m) ~ graphitic shear.	